



## **Test Monitoring Center**

@ Carnegie Mellon University  
6555 Penn Avenue, Pittsburgh, PA 15206, USA

<http://astmtmc.cmu.edu>  
412-365-1000

April 30, 2014

To Participants of the ASTM International Light Duty Rating Workshop:

The ASTM International Light Duty Rating Workshop was held on April 8-10, 2014 in San Antonio, TX. Enclosed are the minutes for the workshop and a copy of all of the data generated.

We would like to take this opportunity to thank you for your participation in this workshop. It is the full participation of the entire rating community that allows the rating methods of Manuals 20 and 21 to be the vital industry tools that they are. The input of each and every rater is a valued component of that tool. Any feedback on improving the workshop is welcome.

Sincerely,

Michael T. Kasimirsky  
Workshop Coordinator

## **Notes on the Data**

Following is the data produced during the April 8-10, 2014, ASTM International Light Duty Rating Workshop.

Some of the evaluation techniques are destructive and, therefore, do not easily allow repeated measurement (measurable sludge deposits, ring sticking, carbon probing, and parts wiping for example). Every effort is made to limit the destructive impact of repeated measurement of these deposits but repeatability and reproducibility cannot help but be adversely affected. This must be a consideration when reviewing data from deposits of this type.

The statistics presented include the data from all parts (including calibration parts and practical application parts) and all participants (including novice, field, and standardized engine test raters). It is important to have some knowledge of the raters involved when comparing results.

ASTM International strives to make this data useful to as broad a range of industry consumers as possible, however it is primarily intended to provide guidance to workshop participants. ASTM International endorses its use for no other purpose.

# Light Duty Rating Workshop

April 8-10, 2014

San Antonio, Texas

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## **Tuesday, April 8, 2014**

The workshop began at 8:05am with 33 raters in attendance (see sign-in sheet), and one last-minute cancellation. Michael Kasimirsky gave some opening remarks on the format of the workshop. Special thanks were given to both Tony Barrera and Bobby Trevino of Intertek Automotive Research for all their help in gathering the parts used at the workshop. Tony Barrera commented that Southwest Research Institute also provided parts for the workshop.

The format and room layouts of the workshop were reviewed, along with parts assignments and computer access instructions. Raters were also asked to confirm they received the correct serial-numbered Rust/Varnish/Lacquer Rating Scale and Sludge Depth Scale in their workshop materials.

For this workshop, all workshop lights were relamped to provide more uniform lighting in all rating workstations.

The group then reviewed the various definitions of rubbed and non-rubbed carbon deposits and how those levels are determined. Light, Medium, and Heavy Carbon definitions were also reviewed, as was the proper merit ratings for "clean" parts.

Prior to starting the Preliminary Exercise, the raters were reminded to not touch or remove the deposits found on the parts in any way during the rating process. This includes touching or picking at carbon deposits with a pencil or other probe. Raters were also reminded that non-standard light sources are not to be used during the rating workshop.

At 8:40am, the group began rating the Preliminary Exercise.

At 11:55am, the group adjourned for lunch.

At 12:25pm, the group returned to finish up the rating of the Preliminary Exercise.

At 2:15pm, the group reviewed the Preliminary Exercise rating data.

At 3:40pm, the group began rating the Practical Application exercise.

At 5:30pm, the group adjourned for the evening.

## **Wednesday, April 9, 2014**

Rating of the Practical Application exercise parts continued all day, with a break for lunch at 11:50am. The room was opened at 4:45am and closed at 5:15pm for the day.

## **Thursday, April 10, 2014**

The room was opened for rating at 5:35am and the group finished rating the Practical Application exercise parts.

At 11:50am, the group adjourned for lunch.

# Light Duty Rating Workshop

April 8-10, 2014

San Antonio, Texas

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At 12:35pm, the group returned to finish up the rating of the Preliminary Exercise.

At 1:15pm, the group reviewed the Practical Application exercise data.

At 5:45pm, the workshop concluded.

## **Discussions**

### **Data Screening**

After the workshop, the data was reviewed as part of the process of preparing the Final Report for the workshop. The results were screened for outliers using E178, Standard Practice for Dealing with Outlying Observations, using a 99.8% confidence interval. During that review, several individual ratings were removed from the data set prior to the final analysis and BRW color codes being generated. On any ratings deemed to be an outlier, the entire part was removed from the analysis results. The individual rating results that were removed, and the specific rating that was deemed to be an outlier, are detailed below:

Part ID	Rater	Outlier Rating	Yi Value
CAL-B	Lowsky, John	Land 3	3.29
	Ramirez, Ray	Groove 3	-3.77
CAL-D	Campbell, Bryan	Groove 1	3.23
E1-4	Ramirez, Ray	Piston 2	-3.12
CAL-M	Adams, Patrick	Groove 3	-4.55
A1	Ramirez, Ray	Thrust	-2.94
A2	Campbell, Bryan	Anti-Thrust	-2.75
A3	Ramirez, Ray	Groove 2	-2.65
		Land 2	-2.53
A4	Ramirez, Ray	Groove 1	-2.83
	Campbell, Bryan	Groove 2	-2.85
P1-8	Ramirez, Ray	Piston 5	-3.34
		Piston 6	-3.47
		Piston 7	-3.69
		Piston 8	-3.26
R1-8	Lam, Eddie	Piston 5	-2.95
X1	Campbell, Bryan	Groove 2	3.29
	Lowsky, John	Groove 1	-3.36
Y1	Grundza, Richard	Groove 1	3.34

Piston A8 was not screened for outliers due to only four raters submitting data on this part.

### **Rating Booth Lighting**

For this workshop, all the bulbs in both the rating booth lights and at the sludge rating tables were replaced. This resulted in much more consistent lighting in all rating positions. This will allow additional data collection on lighting levels at future workshops, in an effort to develop new lighting specifications to replace those currently listed in TMC Manual 20.

# Light Duty Rating Workshop

April 8-10, 2014

San Antonio, Texas

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## **Future Workshops**

The next Heavy Duty Rating Workshop will be held on October 7-9, 2014, at this same location. The next Light Duty Rating Workshop will be held on April 14-16, 2015, at this same location.

## ***Contact Information for TMC Manuals 20 & 21 and other rating scales and aids:***

Yvonne Reese  
ASTM International  
100 Barr Harbor Drive  
West Conshohocken, PA 19428  
phone: (610) 832-9570  
fax: (610) 834-7078  
email: [yreese@astm.org](mailto:yreese@astm.org)

Light Duty Rating Workshop 2014

Sign-In Sheet

Adams, Patrick

*Patrick Adams*

Aguirre, Nancy P

*Nancy P Aguirre*

Arrizon, Richard

*Richard Arrizon*

Barrera, Tony

*Tony C. Barrera*

Cales, Jonathon

*Jonathon Cales*

Campbell, Bryan

*Bryan Campbell*

Caproni, David

*David Caproni*

Castillo, George

*George Castillo*

Cumberworth, Lee

*Lee Cumberworth*

DeCapite, Vanessa

*Vanessa DeCapite*

Foecking, Brian

*Brian Foecking*

Fujita, Hirokazu

*Hirokazu Fujita*

Greenland, Paul

*Paul Greenland*

Hills, Barry

*Barry Hills*

Hurst, Kevin R.

*Kevin R Hurst*

King, Jennifer

*Jennifer King*

Kobrinetz, Joaquin J.

*Joaquin J Kobrinetz*

Kraemer, Vernon

*Vernon Kraemer*

Lam, Eddie

*Eddie Lam*

Lonsway, Chris

*Chris Lonsway*

Lopez, Frank

*Frank Lopez*

Lowsky, John

*John Lowsky*

May, Marianne

*Marianne May*

Pitta, Jimmy

*Jimmy Pitta*

Potocar, William P

*William P Potocar*

Ramirez, Ray

*Ray Ramirez*

Rodriguez, Jesus (Jesse)

*Jesse Rodriguez*

Sanchez, Arthur

*Arthur Sanchez*

Light Duty Rating Workshop 2014  
Sign-In Sheet

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Seiz, Ray


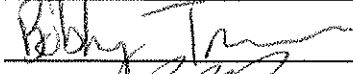
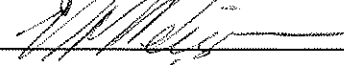


Terrado, Ken

Trevino, Bobby

Veiga, Victor

Viera, Ralph B.

Zalewski, John

Light Duty Rating Workshop 2014

Sign-In Sheet

Adams, Patrick  
Aguirre, Nancy P  
Arrizon, Richard  
Barrera, Tony  
Cales, Jonathon  
Campbell, Bryan  
Caproni, David  
Castillo, George  
Cumberworth, Lee  
DeCapite, Vanessa  
Foecking, Brian  
Fujita, Hirokazu  
Greenland, Paul  
Hills, Barry  
Hurst, Kevin R.  
King, Jennifer  
Kobrinetz, Joaquin J.  
Kraemer, Vernon  
Lam, Eddie  
Lonsway, Chris  
Lopez, Frank  
Lowsky, John  
May, Marianne  
Pitta, Jimmy  
Potocar, William P  
Ramirez, Ray  
Rodriguez, Jesus (Jesse)  
Sanchez, Arthur

*Patrick Adams*  
*Nancy P Aguirre*  
*Richard Arrizon*  
*Tony Barrera*  
*Jonathon Cales*  
*Bryan Campbell*  
*David Caproni*  
*George Castillo*  
*Lee Cumberworth*  
*Vanessa DeCapite*  
*Brian Foecking*  
*Hirokazu Fujita*  
*Paul Greenland*  
*Barry Hills*  
*Kevin R Hurst*  
*Jennifer King*  
*Joaquin J Kobrinetz*  
*Vernon Kraemer*  
*Eddie Lam*  
*Chris Lonsway*  
*Frank Lopez*  
*John Lowsky*  
*Marianne May*  
*Jimmy Pitta*  
*William P Potocar*  
*Ray Ramirez*  
*Jesse Rodriguez*  
*Arthur Sanchez*



Light Duty Rating Workshop 2014  
Sign-In Sheet

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Seiz, Ray


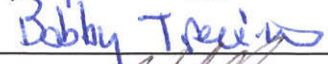

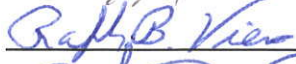

Terrado, Ken

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Viera, Ralph B.

Zalewski, John

Light Duty Rating Workshop 2014

Sign-In Sheet

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Ramirez, Ray  
Rodriguez, Jesus (Jesse)  
Sanchez, Arthur

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*Jonathon Cales*  
*Bryan Campbell*  
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*Paul Greenland*  
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*Kevin R. Hurst*  
*Jennifer King*  
*Joaquin J. Kobrinetz*  
*Vernon Kraemer*  
*Eddie Lam*  
*Chris Lonsway*  
*Frank Lopez*  
*John Lowsky*  
*Marianne May*  
*Jimmy Pitta*  
*William P. Potocar*  
*Ray Ramirez*  
*Jesse Rodriguez*  
*Arthur Sanchez*

# Light Duty Rating Workshop 2014

Sign-In Sheet

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Seiz, Ray

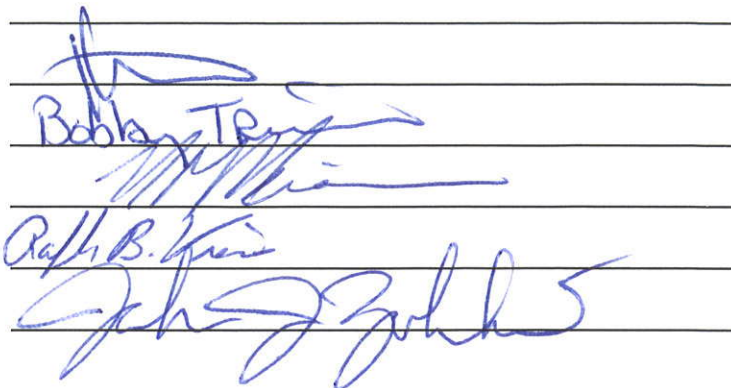
Terrado, Ken

Trevino, Bobby

Veiga, Victor

Viera, Ralph B.

Zalewski, John



## Welcome to the Light Duty Rating Workshop

- Please sign in and pick up your rating scales packet.
- Rating Worksheets are at the back of the room.



## Light Duty Rating Workshop

April 2014



## Volunteers

- Thank you to Tony Barrera, Bobby Trevino, and the entire Intertek Staff for their support!



## Rating Workshop Server Info

- To access the workshop server, access the local wireless network called “Rating Workshop”
- Workshop Web Address: <http://192.168.2.8/>
- Enter your *username* (printed in red on the summary page in your packet) in the “password” field on the entry screen. [Leave “TMC” in other field.]
- Make sure Internet Explorer is using “compatibility mode” before you start entering data.
- If individual ratings do not auto-calculate, **stop and get help before entering additional data!**



## New Rating Scales

- New Rust/Lacquer/Varnish scale included.
- New Sludge Rating Photo scale included.
- Please verify the serial number of both scales in your packet against the numbers listed on the summary page in your packet.
- *Rating Worksheets and a copy of the Room Layout are not included in the packet, but are available on the table at the back of the room.*



## Rating Manuals

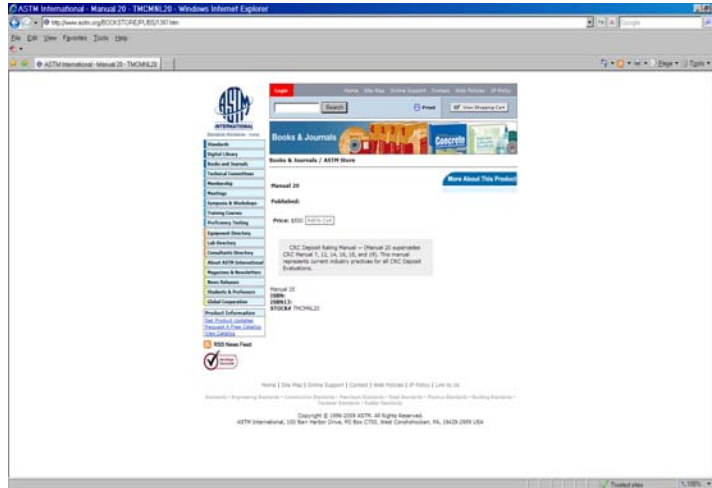
ASTM Headquarters supplies:

- TMC Manual 20 – Deposits
- TMC Manual 21 – Distress
  - Scales included

Go to : [WWW.ASTM.ORG](http://WWW.ASTM.ORG)



## Rating Manuals 20 & 21



## Workshop Format

- Preliminary Exercise
  - Sludge Parts
    - Two Rocker Cover Baffles
  - Varnish Parts
    - Four “Composite” Seq. III Pistons
    - Four sets of “calibration” Seq. V pistons (4 pistons)
    - Two Rocker Cover Baffles
    - One “Composite” DV4 Diesel piston
    - One “Composite” Field Piston
  - Intake Valves & Piston Tops (2 of each)
- Data Review & Discussion



## Workshop Format (Continued)

- Practical Application
  - Piston Deposits
    - Fifteen Sequence III pistons
    - Six Square-cut Diesel
    - Three DV4 Pistons
    - Three Field Test Pistons
  - Piston Skirt Varnish
    - Four Sequence V piston sets (8 pistons per set)
  - Engine Varnish
    - Right & Left Rocker Cover Baffle



## Workshop Format (Continued)

- Practical Application (continued)
  - Engine Sludge (Seq. V)
    - Right & Left Rocker Cover
    - Right & Left Rocker Cover Baffle
    - Timing Chain Cover
    - Oil Pan & Oil Pan Baffle
    - Right & Left Valve Deck
  - Induction & Combustion
    - Piston Tops (8)
    - Intake Valves (3 sets of 8 valves)
  - Sludge & Debris
    - Seq. V Oil Screen
- Data Review & Discussion





## Parts Assignments

- Preliminary Exercise
  - Two “Composite” Seq. III pistons
  - Two set of Sequence V pistons
  - One “Composite” DV4 piston
  - One “Composite” Field piston
- Practical Application
  - One Set of “Lettered” parts (A, B, C)
    - Five Seq. III Pistons
    - Two Square-Cut Diesel Pistons
    - One Field Piston
  - Two Sets of Sequence V Pistons (8 pistons per set)
  - Two DV4 pistons



## Parts Assignments (cont.)

- Parts assignments are the minimum required.
- Additional ratings are always advantageous.
- You're always free, and encouraged, to rate additional parts, if time allows.
- Any sludge deposit ratings of “C” depth or greater will be provided; i.e. no “gauging” of sludge will be required, or permitted, at the workshop.



## Parts Modifications

- No modifications to any parts is permitted during the rating workshop.
  - Do not pick at or remove any deposits present on the parts.
  - Removing deposits from a part, to determine the deposit depth (or any other reason), is not permitted.
  - Any part found to be modified in this manner will be removed from the workshop calculations.



## Use of Non-Standard Lighting

- Manual 20 lists specific requirements for the lighting color temperature and illumination level required for rating. (page 15)
- Sufficient lighting for rating is provided at each rating workstation.
- The use of non-standard lighting is not permitted.
  - No flashlights.
  - Ratings generated using non-standard lighting may be removed from the workshop results.



## Review of CRC Manual 20 Rating Fundamentals

- Deposit – Any presence of material that has **intensity (color)** or **depth**. Deposits can occur on any internal engine, driveline or fuel system component due to the interaction of lubricant and/or fuel with the respective part. (page 9)
  - Deposits can be rated as: (page 19)
    - Carbon
    - Varnish
    - Sludge
    - Rust\*

Non-Carbon Deposits
- \* Rust is a special case of corrosion which will always deteriorate or alter the original surface condition.



## Scale

- **Merit Rating** – Amount of a distress or deposit in numerical terms on a descending scale from ten (10), which represents absence of distress or deposits. (page 10)
  - Even though the scale is in whole number increments, it is permissible to assign deposit factors in tenths of a number in an effort to accurately describe the intensity level. (page 16)



## Manual 20 Definitions

- **Varnish** – is a thin, hard, lustrous, oil-insoluble deposit, composed primarily of organic residue, and most readily definable by color intensity. It is not easily removed by wiping with a clean, dry, soft, lint-free wiping material and is resistant to saturated solvents. Its color may vary, but it usually appears in gray, brown, or amber hues. (page 43)



## Manual 20 Definitions (cont)

- **Carbon** – a firm, highly insoluble deposit composed primarily of organic residue, and most readily definable by thickness or volume and texture. It is usually non-lustrous, except when rubbed smooth between adjoining parts, and is found primarily on surfaces operating above bulk unit temperature, but below the ashing point. It can be any color and is not limited to black, brown, or gray (page 49)



## Manual 20 Definitions (cont)

- **Sludge** – is a deposit composed of organic residue which may contain fuel, lubricant, and/or water. Such deposits will be found on surfaces operating at bulk unit temperature and exposed to fuels and/or lubricants. These deposits do not drain from parts, but can be removed by wiping with moderate pressure using a lint-free wiping material. Deposits rated as sludge may vary in characteristics – color, transparency, and consistency. (page 23)



## Varnish & Rust

- Rust and varnish normally have only intensity; however, deposit thickness will increase with intensity. The intensity factor is not intended to reflect the color of the surface. Three scales are used as a guide in establishing an intensity number which is independent of the original surface color. (page 19)



## Manual 20 “Clean” Search

### Sludge Rating Scale

Sludge ratings are made on a merit basis where a rating of 10.0 designates a part completely free of sludge. (page 23)

### Rust/Varnish/Rubbed Carbon Rating Scale

The CRC Rust/Varnish/Rubbed Carbon Rating Scale is a continuous merit scale, ranging from 10.0 which is clean (the absence of deposits) to 0.0 which represents maximum deposits (heavy rubbed deposits, or those deposits that fill all of the available space between mating or adjoining hardware and display a rubbed or polished appearance). (page 50)

As a practical matter, there is no upper “clean limit” on a part run in an engine.

The “rule of thumb” that any “used” part can’t rate higher than 9.xx merits has no basis in the Rating Manual.



## Sludge (Page 23)

- Sludge deposits are rated by their depth.
- Deposits represented by the letters 1/4A, 1/2A, 3/4A, A, AB, B, BC, and C are illustrated by the Sludge Depth Photo Scale.
- The "C" deposit level is to be determined by use of the Sludge Depth Gauge.
  - This gauge is the only mechanism for measuring sludge depth of "C" thickness or greater defined by the Sludge Depth Scale.



## Carbon (Page 19)

- Carbon deposits are rated by their depth.
- Rubbed carbon depth is limited by the clearance between the parts on which it exists.
  - The maximum level occupies all the available space between the adjoining parts.
  - The minimum level has depth and a granular or matte surface, can be any color and is not limited to black, brown, or gray.



## Manual 20 Carbon Levels

Typical Illustration					
Clearance Fill	100%	>66% < 100%	33% - 66%	15% - <33%	15%
Description	HC	MHC	MC	LC	VLC
Deposit Factor (Demerit)	1.00	0.75	0.50	0.25	0.15
Deposit Factor (Merit)	0.00	0.25	0.50	0.75	0.85

HC = Heavy Carbon  
 MHC = Medium Heavy Carbon  
 MC = Medium Carbon  
 LC = Light Carbon  
 VLC = Very Light Carbon



## Groove Deposit Review

- Groove carbon deposits at 100% clearance fill are mostly polished. However, even lesser depths of carbon can exhibit polished areas due to excess amount of carbon on the back of the ring and relative ring movement. These deposits are deemed **Heavy Carbon**.



## Groove Deposit Review

- Groove carbon deposits < 100% clearance fill have depth and a granular or matte surface, can be any color and are not limited to black, brown, or gray. These are deemed **Light Carbon**.





## Groove Deposit Review

- Groove carbon deposits greater than 25% clearance fill but less than 100% clearance fill, have depth and a granular or matte surface, can be any color and are not limited to black, brown, or gray. These are deemed **Medium Carbon**.



## Groove Deposit Review

Typical Illustration			
Clearance Fill	100%	>25% <100%	≤25%
Description	HC	MC	LC
Deposit Factor (Demerit)	1.00	0.50	0.25
Deposit Factor (Merit)	0.00	0.50	0.75

HC = heavy carbon  
 MC = medium carbon  
 LC = light carbon

Note that small-bore pistons only use two levels of carbon, Heavy Carbon (HC) & Light Carbon (LC).

For this workshop, Medium Carbon (MC) is **only** used on the "Square Cut" pistons.



## Oil Screen Sludge

- Rate the oil screens such that if you see the screen, i.e. oil film, it is not sludge.



## Oil Screen Debris

- *debris, n—in internal combustion engines, solid contaminant materials unintentionally introduced into the engine or resulting from wear.*



## A Rating Myth Dispelled

- **Myth:** *“There are lots of ways to get to the final rating number on a part.”*
- **Fact:** The part has one unique set of deposits on it. Those deposits correspond to one specific set of deposit ratings.
  - A rated part surface that returns values of 0 merits over 50% of its surface and 10 merits over 50% of its surface is not the same as one that has rated values of 5 merits over 100% of its surface, even though the overall ratings of the two are mathematically identical.



Rating Workshop  
Data Entry Network

<http://192.168.2.8/>



Light Duty Rating Workshop 2014 – Preliminary Exercise

Left Rocker Cover Baffle Sludge  
Left Rocker Cover Baffle Varnish

Right Rocker Cover Baffle Sludge  
Right Rocker Cover Baffle Varnish

Cal Piston A Seq III Groove 1	Cal Piston A Seq III Groove 2	Cal Piston A Seq III Groove 3
Cal Piston A Seq III Land 3	Cal Piston A Seq III Land 2	Cal Piston A Seq III Undercrown, Thrust. Anti-Thrust

Cal Piston B Seq III Groove 3	Cal Piston B Seq III Groove 2	Cal Piston B Seq III Groove 1
	Cal Piston B Seq III Land 2	Cal Piston B Seq III Land 3
Cal Piston B Seq III Undercrown, Thrust. Anti-Thrust		

Cal Piston D Seq III Groove 1	Cal Piston D Seq III Groove 2	Cal Piston D Seq III Groove 3
Cal Piston D Seq III Land 3	Cal Piston D Seq III Land 2	Cal Piston D Seq III Undercrown, Thrust. Anti-Thrust

Cal Piston C Seq III Groove 3	Cal Piston C Seq III Groove 2	Cal Piston C Seq III Groove 1
	Cal Piston C Seq III Land 2	Cal Piston C Seq III Land 3
Cal Piston C Seq III Undercrown, Thrust. Anti-Thrust		

Cal Piston T Field Grooves 1,2,3	Cal Piston T Field Land 2,3	Cal Piston T Field Front, Rear
Cal Piston M DV4 Groove 1	Cal Piston M DV4 Grooves 2, 3	Cal Piston M DV4 Lands 2, 3

VALCAL Intake Valve Deposits	Cal Piston E1-4 Seq V Piston Skirt	Cal Piston F1-4 Seq V Piston Skirt
	Cal Piston G1-4 Seq V Piston Skirt	Cal Piston H1-4 Seq V Piston Skirt
PTCAL Piston Top Deposits		

Light Duty Rating Workshop 2014 – Practical Application Exercise

L Rocker Cover, L RC Baffle, L RC Baffle Varnish, L Valve Deck Sludge, Timing Chain, Oil Screen

R Rocker Cover, R RC Baffle, R RC Baffle Varnish, R Valve Deck Sludge, Oil Pan, Oil Pan Baffle

A1 Seq III	A2 Seq III	A3 Seq III
A6 Seq III	A5 Square-cut Diesel	A4 Seq III

B3 Seq III	B2 Seq III	B1 Seq III
B4 Seq III	B5 Square-cut Diesel	B6 Seq III

A7 Square-cut Diesel	B7 Square-cut Diesel	C7 Square-cut Diesel
A8 Field Piston	B8 Field Piston	C8 Field Piston

C3 Seq III	C2 Seq III	C1 Seq III
C4 Seq III	C5 Square-cut Diesel	C6 Seq III

I1-8 Intake Valves	J1-8 Intake Valves	K1-8 Intake Valves
X1 DV4 Piston	Y1 DV4 Piston	Z1 DV4 Piston

L1 Specialty Piston	P1-8 Seq V Pistons	Q1-8 Seq V Pistons
PTOPS Piston Tops	R1-8 Seq V Pistons	S1-8 Seq V Pistons

## LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Part ID= CAL-A - CAL. SEQ. III PISTON

Rated Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCTOT	THTOT	ATTOT
Barrera, Tony	0.77	0.72	8.32	0.94	2.95	3.11	9.54	9.63
Cales, Jonathon	1.57	1.09	7.87	0.95	2.61	3.26	9.66	9.74
Campbell, Bryan	1.12	1.24	7.85	0.57	3.10	1.92	9.93	9.92
Cumberworth, Lee	0.96	1.02	7.77	0.93	2.59	2.30	9.75	9.79
DeCapite, Vanessa	0.88	0.81	8.12	1.65	3.18	2.88	9.65	9.69
Foecking, Brian	0.82	0.75	8.46	0.88	2.89	2.86	9.67	9.69
Fujita, Hirokazu	0.99	0.90	7.79	1.01	2.81	3.05	9.52	9.84
King, Jennifer	0.91	0.93	8.23	1.55	2.73	3.06	9.69	9.70
Kraemer, Vernon	1.67	0.75	8.67	1.50	3.47	3.40	9.45	9.44
Lopez, Frank	0.84	0.87	8.77	0.99	2.80	2.36	9.72	9.75
Lowsky, John	1.56	1.03	8.10	1.61	3.24	2.90	9.58	9.85
May, Marianne	0.82	0.77	8.41	1.19	3.14	2.73	9.71	9.77
Ramirez, Ray	0.81	0.58	7.67	0.93	2.47	2.82	9.54	9.75
Rodriguez, Jesus (Jesse)	0.99	0.95	8.55	1.02	3.05	2.81	9.63	9.69
Sanchez, Arthur	0.90	1.38	9.21	0.75	2.17	2.76	9.66	9.84
Veiga, Victor	1.04	0.86	8.66	1.60	3.40	3.17	9.79	9.81
Viera, Ralph B.	1.00	1.04	8.63	1.27	3.07	3.85	9.65	9.67
Zalewski, John	1.03	1.00	8.10	1.52	3.72	3.96	9.54	9.68
MAXIMUM	1.67	1.38	9.21	1.65	3.72	3.96	9.93	9.92
MINIMUM	0.77	0.58	7.67	0.57	2.17	1.92	9.45	9.44
RANGE(MAX-MIN)	0.900	0.800	1.540	1.080	1.550	2.040	0.480	0.480
MEAN	1.038	0.927	8.288	1.159	2.966	2.956	9.649	9.736
STANDARD DEVIATION	0.276	0.194	0.418	0.335	0.380	0.497	0.113	0.106
N SIZE	18.000							

Part ID= CAL-A - CAL. SEQ. III PISTON

CAL-A Yi Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCTOT	THTOT	ATTOT
Barrera, Tony	-0.97	-1.07	0.08	-0.65	-0.04	0.31	-0.96	-1.00
Cales, Jonathon	1.93	0.84	-1.00	-0.62	-0.94	0.61	0.10	0.04
Campbell, Bryan	0.30	1.61	-1.05	-1.76	0.35	-2.09	2.49	1.73
Cumberworth, Lee	-0.28	0.48	-1.24	-0.68	-0.99	-1.32	0.89	0.51
DeCapite, Vanessa	-0.57	-0.60	-0.40	1.47	0.56	-0.15	0.01	-0.43
Foecking, Brian	-0.79	-0.91	0.41	-0.83	-0.20	-0.19	0.19	-0.43
Fujita, Hirokazu	-0.17	-0.14	-1.19	-0.44	-0.41	0.19	-1.14	0.98
King, Jennifer	-0.46	0.01	-0.14	1.17	-0.62	0.21	0.36	-0.34
Kraemer, Vernon	2.29	-0.91	0.92	1.02	1.32	0.90	-1.76	-2.78
Lopez, Frank	-0.72	-0.29	1.15	-0.50	-0.44	-1.20	0.63	0.13
Lowsky, John	1.89	0.53	-0.45	1.35	0.72	-0.11	-0.61	1.07
May, Marianne	-0.79	-0.81	0.29	0.09	0.46	-0.45	0.54	0.32
Ramirez, Ray	-0.83	-1.79	-1.48	-0.68	-1.30	-0.27	-0.96	0.13
Rodriguez, Jesus (Jesse)	-0.17	0.12	0.63	-0.41	0.22	-0.29	-0.17	-0.43
Sanchez, Arthur	-0.50	2.33	2.21	-1.22	-2.09	-0.39	0.10	0.98
Veiga, Victor	0.01	-0.35	0.89	1.32	1.14	0.43	1.25	0.69
Viera, Ralph B.	-0.14	0.58	0.82	0.33	0.27	1.80	0.01	-0.62
Zalewski, John	-0.03	0.38	-0.45	1.08	1.98	2.02	-0.96	-0.53
MAXIMUM	2.29	2.33	2.21	-1.76	-2.09	-2.09	2.49	-2.78
MINIMUM	0.01	0.01	0.08	0.09	-0.04	-0.11	0.01	0.04
RANGE(MAX-MIN)	2.285	2.319	2.131	-1.850	-2.051	-1.973	2.477	-2.820
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
N SIZE	18.000							

## LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Part ID= CAL-B - CAL. SEQ. III PISTON

Rated Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCTOT	THTOT	ATTOT
Adams, Patrick	0.75	0.15	9.32	0.54	1.64	4.55	9.34	9.90
Aguirre, Nancy P	0.75	0.43	8.57	0.84	1.68	4.85	9.53	9.94
Barrera, Tony	0.75	0.31	8.95	0.71	1.31	4.56	9.38	9.98
Caproni, David	0.71	0.26	9.05	0.76	1.81	5.52	9.44	9.90
Castillo, George	0.84	0.28	9.16	0.70	1.33	4.89	9.30	9.97
Cumberworth, Lee	0.95	0.29	8.82	0.78	1.10	3.77	9.63	10.00
DeCapite, Vanessa	0.88	0.30	8.53	0.80	1.56	5.04	9.11	9.90
Greenland, Paul	0.91	0.22	9.18	0.69	1.62	4.40	9.48	9.95
Hills, Barry	0.75	0.22	9.39	0.59	1.39	4.56	9.66	9.90
King, Jennifer	0.81	0.31	9.16	0.79	1.56	4.10	9.44	9.82
Kobrinetz, Joaquin J.	0.76	0.27	9.27	0.84	1.52	4.43	9.35	9.90
Lam, Eddie	0.75	0.22	8.85	0.32	1.80	5.15	8.73	9.90
Lonsway, Chris	0.75	0.28	9.10	0.68	1.25	3.82	9.21	9.90
Lowsky, John	1.23	0.27	9.18	0.52	2.69	5.20	9.18	10.00
May, Marianne	0.75	0.29	9.27	0.64	1.35	4.85	9.30	9.88
Pitta, Jimmy	0.74	0.41	9.16	0.55	1.50	4.30	9.11	9.80
Ramirez, Ray	0.23	0.52	6.34	0.81	1.80	4.95	9.16	9.88
Terrado, Ken	0.74	0.25	8.56	0.65	1.29	4.22	9.41	9.90
Veiga, Victor	0.75	0.26	8.64	0.77	1.70	4.68	9.59	9.90
MAXIMUM	1.23	0.52	9.39	0.84	2.69	5.52	9.66	10.00
MINIMUM	0.23	0.15	6.34	0.32	1.10	3.77	8.73	9.80
RANGE(MAX-MIN)	1.000	0.370	3.050	0.520	1.590	1.750	0.930	0.200
MEAN	0.779	0.292	8.868	0.683	1.574	4.623	9.334	9.912
STANDARD DEVIATION	0.180	0.084	0.670	0.134	0.339	0.465	0.222	0.053
N SIZE	19.000							

Part ID= CAL-B - CAL. SEQ. III PISTON

CAL-B YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCTOT	THTOT	ATTOT
Adams, Patrick	-0.16	-1.69	0.67	-1.07	0.20	-0.16	0.03	-0.22
Aguirre, Nancy P	-0.16	1.65	-0.45	1.17	0.31	0.49	0.88	0.54
Barrera, Tony	-0.16	0.22	0.12	0.20	-0.78	-0.14	0.21	1.30
Caproni, David	-0.38	-0.38	0.27	0.57	0.70	1.93	0.48	-0.22
Castillo, George	0.34	-0.14	0.44	0.13	-0.72	0.57	-0.15	1.11
Cumberworth, Lee	0.95	-0.02	-0.07	0.72	-1.40	-1.84	1.33	1.68
DeCapite, Vanessa	0.56	0.10	-0.50	0.87	-0.04	0.90	-1.01	-0.22
Greenland, Paul	0.73	-0.85	0.46	0.05	0.14	-0.48	0.66	0.73
Hills, Barry	-0.16	-0.85	0.78	-0.70	-0.54	-0.14	1.47	-0.22
King, Jennifer	0.17	0.22	0.44	0.80	-0.04	-1.13	0.48	-1.74
Kobrinetz, Joaquin J.	-0.11	-0.26	0.60	1.17	-0.16	-0.42	0.07	-0.22
Lam, Eddie	-0.16	-0.85	-0.03	-2.71	0.67	1.13	-2.72	-0.22
Lonsway, Chris	-0.16	-0.14	0.35	-0.02	-0.95	-1.73	-0.56	-0.22
Lowsky, John	2.51	-0.26	0.46	-1.22	3.29	1.24	-0.69	1.68
May, Marianne	-0.16	-0.02	0.60	-0.32	-0.66	0.49	-0.15	-0.60
Pitta, Jimmy	-0.22	1.41	0.44	-0.99	-0.22	-0.70	-1.01	-2.12
Ramirez, Ray	-3.06	2.73	-3.77	0.95	0.67	0.70	-0.78	-0.60
Terrado, Ken	-0.22	-0.50	-0.46	-0.25	-0.84	-0.87	0.34	-0.22
Veiga, Victor	-0.16	-0.38	-0.34	0.65	0.37	0.12	1.15	-0.22
MAXIMUM	-3.06	2.73	-3.77	-2.71	3.29	1.93	-2.72	-2.12
MINIMUM	-0.11	-0.02	-0.03	-0.02	-0.04	0.12	0.03	-0.22
RANGE(MAX-MIN)	-2.950	2.744	-3.745	-2.689	3.333	1.808	-2.749	-1.896
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
N SIZE	19.000							

## LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Part ID= CAL-B - CAL. SEQ. III PISTON

Rated Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCTOT	THTOT	ATTOT
Adams, Patrick	0.75	0.15	9.32	0.54	1.64	4.55	9.34	9.90
Aguirre, Nancy P	0.75	0.43	8.57	0.84	1.68	4.85	9.53	9.94
Barrera, Tony	0.75	0.31	8.95	0.71	1.31	4.56	9.38	9.98
Caproni, David	0.71	0.26	9.05	0.76	1.81	5.52	9.44	9.90
Castillo, George	0.84	0.28	9.16	0.70	1.33	4.89	9.30	9.97
Cumberworth, Lee	0.95	0.29	8.82	0.78	1.10	3.77	9.63	10.00
DeCapite, Vanessa	0.88	0.30	8.53	0.80	1.56	5.04	9.11	9.90
Greenland, Paul	0.91	0.22	9.18	0.69	1.62	4.40	9.48	9.95
Hills, Barry	0.75	0.22	9.39	0.59	1.39	4.56	9.66	9.90
King, Jennifer	0.81	0.31	9.16	0.79	1.56	4.10	9.44	9.82
Kobrinetz, Joaquin J.	0.76	0.27	9.27	0.84	1.52	4.43	9.35	9.90
Lam, Eddie	0.75	0.22	8.85	0.32	1.80	5.15	8.73	9.90
Lonsway, Chris	0.75	0.28	9.10	0.68	1.25	3.82	9.21	9.90
May, Marianne	0.75	0.29	9.27	0.64	1.35	4.85	9.30	9.88
Pitta, Jimmy	0.74	0.41	9.16	0.55	1.50	4.30	9.11	9.80
Terrado, Ken	0.74	0.25	8.56	0.65	1.29	4.22	9.41	9.90
Veiga, Victor	0.75	0.26	8.64	0.77	1.70	4.68	9.59	9.90
MAXIMUM	0.95	0.43	9.39	0.84	1.81	5.52	9.66	10.00
MINIMUM	0.71	0.15	8.53	0.32	1.10	3.77	8.73	9.80
RANGE(MAX-MIN)	0.240	0.280	0.860	0.520	0.710	1.750	0.930	0.200
MEAN	0.785	0.279	8.999	0.685	1.495	4.570	9.354	9.908
STANDARD DEVIATION	0.069	0.067	0.286	0.132	0.204	0.461	0.227	0.051
N SIZE	17.000							

Part ID= CAL-B - CAL. SEQ. III PISTON

CAL-B Y1 Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCTOT	THTOT	ATTOT
Adams, Patrick	-0.50	-1.94	1.12	-1.10	0.71	-0.04	-0.06	-0.16
Aguirre, Nancy P	-0.50	2.26	-1.50	1.17	0.91	0.61	0.78	0.63
Barrera, Tony	-0.50	0.46	-0.17	0.19	-0.91	-0.02	0.12	1.42
Caproni, David	-1.09	-0.29	0.18	0.56	1.55	2.06	0.38	-0.16
Castillo, George	0.80	0.01	0.56	0.11	-0.81	0.69	-0.24	1.22
Cumberworth, Lee	2.40	0.16	-0.63	0.72	-1.93	-1.74	1.22	1.81
DeCapite, Vanessa	1.39	0.31	-1.64	0.87	0.32	1.02	-1.07	-0.16
Greenland, Paul	1.82	-0.89	0.63	0.04	0.61	-0.37	0.56	0.82
Hills, Barry	-0.50	-0.89	1.37	-0.72	-0.51	-0.02	1.35	-0.16
King, Jennifer	0.37	0.46	0.56	0.79	0.32	-1.02	0.38	-1.74
Kobrinetz, Joaquin J.	-0.36	-0.14	0.95	1.17	0.12	-0.30	-0.02	-0.16
Lam, Eddie	-0.50	-0.89	-0.52	-2.76	1.50	1.26	-2.74	-0.16
Lonsway, Chris	-0.50	0.01	0.35	-0.04	-1.20	-1.63	-0.63	-0.16
May, Marianne	-0.50	0.16	0.95	-0.34	-0.71	0.61	-0.24	-0.56
Pitta, Jimmy	-0.65	1.96	0.56	-1.02	0.03	-0.59	-1.07	-2.14
Terrado, Ken	-0.65	-0.44	-1.53	-0.27	-1.00	-0.76	0.25	-0.16
Veiga, Victor	-0.50	-0.29	-1.25	0.64	1.01	0.24	1.04	-0.16
MAXIMUM	2.40	2.26	-1.64	-2.76	-1.93	2.06	-2.74	-2.14
MINIMUM	-0.36	0.01	-0.17	0.04	0.03	-0.02	-0.02	-0.16
RANGE(MAX-MIN)	2.764	2.247	-1.469	-2.798	-1.961	2.083	-2.729	-1.974
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
N SIZE	17.000							



## LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Part ID= CAL-C - CAL. SEQ. III PISTON

Rated Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCTOT	THIOT	ATTOT
Adams, Patrick	0.75	1.50	8.76	0.74	1.79	2.20	9.79	9.95
Arrizon, Richard	1.18	1.31	8.59	0.87	1.88	1.90	9.84	9.90
Cales, Jonathon	1.89	1.40	8.30	0.87	2.00	2.41	9.79	9.95
Caproni, David	1.43	1.29	8.31	0.74	2.57	2.72	9.83	9.90
Cumberworth, Lee	1.01	1.44	8.25	0.97	1.55	1.60	9.95	10.00
Foecking, Brian	0.75	1.35	8.80	0.76	2.00	1.60	9.76	9.90
Greenland, Paul	1.28	2.09	9.16	0.86	2.39	2.75	9.80	9.90
Hurst, Kevin R.	1.04	1.28	8.58	0.90	1.57	2.11	9.80	9.90
Kobrinetz, Joaquin J.	1.39	1.52	8.69	0.85	2.08	2.04	9.71	9.96
Lam, Eddie	0.38	1.39	8.03	0.88	1.80	2.33	9.75	10.00
Lopez, Frank	0.75	1.63	8.92	0.90	1.87	2.14	9.73	9.90
Lowsky, John	1.63	2.10	8.99	0.78	2.37	2.95	9.74	10.00
May, Marianne	0.96	1.25	8.92	0.72	1.88	2.07	9.78	9.96
Potocar, William P	1.01	1.81	8.35	0.81	1.69	1.92	9.56	9.90
Rodriguez, Jesus (Jesse)	1.01	1.77	8.71	0.71	1.68	1.83	9.71	9.90
Trevino, Bobby	1.33	1.56	8.77	0.85	2.12	2.41	9.75	9.83
Veiga, Victor	0.97	1.73	8.74	0.97	1.81	2.35	9.78	9.90
Viera, Ralph B.	0.73	0.26	9.26	0.75	1.41	4.17	9.37	9.96
MAXIMUM	1.89	2.10	9.26	0.97	2.57	4.17	9.95	10.00
MINIMUM	0.38	0.26	8.03	0.71	1.41	1.60	9.37	9.83
RANGE(MAX-MIN)	1.510	1.840	1.230	0.260	1.160	2.570	0.580	0.170
MEAN	1.083	1.482	8.674	0.829	1.914	2.306	9.747	9.928
STANDARD DEVIATION	0.366	0.400	0.328	0.082	0.307	0.595	0.121	0.046
N SIZE	18.000							

Part ID= CAL-C - CAL. SEQ. III PISTON

CAL-C Yi Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCTOT	THIOT	ATTOT
Adams, Patrick	-0.91	0.04	0.26	-1.10	-0.41	-0.18	0.36	0.47
Arrizon, Richard	0.27	-0.43	-0.26	0.50	-0.11	-0.68	0.77	-0.61
Cales, Jonathon	2.21	-0.21	-1.14	0.50	0.28	0.18	0.36	0.47
Caproni, David	0.95	-0.48	-1.11	-1.10	2.14	0.70	0.69	-0.61
Cumberworth, Lee	-0.20	-0.11	-1.29	1.72	-1.19	-1.19	1.68	1.55
Foecking, Brian	-0.91	-0.33	0.38	-0.85	0.28	-1.19	0.11	-0.61
Greenland, Paul	0.54	1.52	1.48	0.37	1.55	0.75	0.44	-0.61
Hurst, Kevin R.	-0.12	-0.51	-0.29	0.86	-1.12	-0.33	0.44	-0.61
Kobrinetz, Joaquin J.	0.84	0.09	0.05	0.25	0.54	-0.45	-0.30	0.69
Lam, Eddie	-1.92	-0.23	-1.96	0.62	-0.37	0.04	0.03	1.55
Lopez, Frank	-0.91	0.37	0.75	0.86	-0.14	-0.28	-0.14	-0.61
Lowsky, John	1.50	1.54	0.96	-0.61	1.48	1.08	-0.06	1.55
May, Marianne	-0.34	-0.58	0.75	-1.34	-0.11	-0.40	0.28	0.69
Potocar, William P	-0.20	0.82	-0.99	-0.24	-0.73	-0.65	-1.54	-0.61
Rodriguez, Jesus (Jesse)	-0.20	0.72	0.11	-1.46	-0.76	-0.80	-0.30	-0.61
Trevino, Bobby	0.68	0.19	0.29	0.25	0.67	0.18	0.03	-2.13
Veiga, Victor	-0.31	0.62	0.20	1.72	-0.34	0.07	0.28	-0.61
Viera, Ralph B.	-0.97	-3.05	1.79	-0.97	-1.64	3.13	-3.11	0.69
MAXIMUM	2.21	-3.05	-1.96	1.72	2.14	3.13	-3.11	-2.13
MINIMUM	-0.12	0.04	0.05	-0.24	-0.11	0.04	0.03	0.47
RANGE(MAX-MIN)	2.325	-3.099	-2.014	1.960	2.247	3.091	-3.142	-2.599
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
N SIZE	18.000							

## LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Part ID= CAL-D - CAL. SEQ. III PISTON

Rated Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCTOT	THIOT	ATTOT
Aguirre, Nancy P	0.83	1.02	8.56	1.04	0.86	3.65	9.38	9.77
Arrizon, Richard	0.81	0.92	8.44	1.12	1.01	2.53	9.43	9.84
Campbell, Bryan	1.39	1.21	8.56	1.68	1.04	2.63	9.23	9.74
Castillo, George	0.83	1.05	9.13	1.40	0.87	3.32	9.30	9.76
Cumberworth, Lee	0.92	0.91	8.32	1.06	0.94	1.96	9.71	9.92
Fujita, Hirokazu	0.81	1.09	8.14	1.01	0.86	2.73	9.13	9.67
Hills, Barry	0.83	1.15	9.42	0.85	0.86	2.40	9.55	9.81
Hurst, Kevin R.	0.75	0.97	8.27	1.09	0.91	2.65	9.47	9.80
Kobrinetz, Joaquin J.	0.81	0.93	8.81	1.03	0.89	2.50	9.34	9.80
Kraemer, Vernon	1.19	0.98	8.95	1.72	1.06	3.95	9.02	9.55
Lonsway, Chris	0.83	0.75	9.31	0.85	0.78	2.10	9.31	9.80
Lowsky, John	0.75	1.28	8.88	1.43	1.09	3.90	9.03	9.59
Pitta, Jimmy	0.83	1.14	8.66	1.11	0.98	2.35	8.63	9.80
Potocar, William P	0.82	1.03	8.22	0.87	0.79	2.45	8.74	9.70
Sanchez, Arthur	0.84	0.89	9.65	1.06	0.84	3.40	9.24	9.82
Terrado, Ken	0.80	1.47	8.09	1.48	0.84	2.78	8.61	9.68
Trevino, Bobby	0.86	1.07	8.84	0.99	0.88	3.10	9.30	9.76
Zalewski, John	0.88	0.46	8.38	1.26	1.11	2.90	9.22	9.78
MAXIMUM	1.39	1.47	9.65	1.72	1.11	3.95	9.71	9.92
MINIMUM	0.75	0.46	8.09	0.85	0.78	1.96	8.61	9.55
RANGE(MAX-MIN)	0.640	1.010	1.560	0.870	0.330	1.990	1.100	0.370
MEAN	0.877	1.018	8.702	1.169	0.923	2.850	9.202	9.755
STANDARD DEVIATION	0.159	0.215	0.458	0.267	0.102	0.586	0.302	0.089
N SIZE	18.000							

Part ID= CAL-D - CAL. SEQ. III PISTON

CAL-D Yi Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCTOT	THIOT	ATTOT
Aguirre, Nancy P	-0.29	0.01	-0.31	-0.48	-0.62	1.36	0.59	0.17
Arrizon, Richard	-0.42	-0.46	-0.57	-0.19	0.86	-0.55	0.76	0.95
Campbell, Bryan	3.23	0.90	-0.31	1.91	1.15	-0.38	0.09	-0.17
Castillo, George	-0.29	0.15	0.94	0.86	-0.52	0.80	0.32	0.06
Cumberworth, Lee	0.27	-0.50	-0.83	-0.41	0.17	-1.52	1.68	1.84
Fujita, Hirokazu	-0.42	0.34	-1.23	-0.60	-0.62	-0.20	-0.24	-0.95
Hills, Barry	-0.29	0.62	1.57	-1.20	-0.62	-0.77	1.15	0.61
Hurst, Kevin R.	-0.80	-0.22	-0.94	-0.30	-0.13	-0.34	0.89	0.50
Kobrinetz, Joaquin J.	-0.42	-0.41	0.24	-0.52	-0.32	-0.60	0.46	0.50
Kraemer, Vernon	1.97	-0.18	0.54	2.06	1.35	1.88	-0.60	-2.29
Lonsway, Chris	-0.29	-1.25	1.33	-1.20	-1.40	-1.28	0.36	0.50
Lowsky, John	-0.80	1.22	0.39	0.98	1.64	1.79	-0.57	-1.84
Pitta, Jimmy	-0.29	0.57	-0.09	-0.22	0.56	-0.85	-1.90	0.50
Potocar, William P	-0.36	0.06	-1.05	-1.12	-1.30	-0.68	-1.53	-0.61
Sanchez, Arthur	-0.23	-0.60	2.07	-0.41	-0.81	0.94	0.13	0.73
Terrado, Ken	-0.48	2.11	-1.34	1.16	-0.81	-0.12	-1.96	-0.84
Trevino, Bobby	-0.10	0.24	0.30	-0.67	-0.42	0.43	0.32	0.06
Zalewski, John	0.02	-2.60	-0.70	0.34	1.84	0.09	0.06	0.28
MAXIMUM	3.23	-2.60	2.07	2.06	1.84	1.88	-1.96	-2.29
MINIMUM	0.02	0.01	-0.09	-0.19	-0.13	0.09	0.06	0.06
RANGE(MAX-MIN)	3.205	-2.609	2.163	2.246	1.965	1.791	-2.023	-2.347
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
N SIZE	18.000							

## LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Part ID= CAL-D - CAL. SEQ. III PISTON

Rated Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCTOT	THTOT	ATTOT
Aguirre, Nancy P	0.83	1.02	8.56	1.04	0.86	3.65	9.38	9.77
Arrizon, Richard	0.81	0.92	8.44	1.12	1.01	2.53	9.43	9.84
Castillo, George	0.83	1.05	9.13	1.40	0.87	3.32	9.30	9.76
Cumberworth, Lee	0.92	0.91	8.32	1.06	0.94	1.96	9.71	9.92
Fujita, Hirokazu	0.81	1.09	8.14	1.01	0.86	2.73	9.13	9.67
Hills, Barry	0.83	1.15	9.42	0.85	0.86	2.40	9.55	9.81
Hurst, Kevin R.	0.75	0.97	8.27	1.09	0.91	2.65	9.47	9.80
Kobrinetz, Joaquin J.	0.81	0.93	8.81	1.03	0.89	2.50	9.34	9.80
Kraemer, Vernon	1.19	0.98	8.95	1.72	1.06	3.95	9.02	9.55
Lonsway, Chris	0.83	0.75	9.31	0.85	0.78	2.10	9.31	9.80
Lowsky, John	0.75	1.28	8.88	1.43	1.09	3.90	9.03	9.59
Pitta, Jimmy	0.83	1.14	8.66	1.11	0.98	2.35	8.63	9.80
Potocar, William P	0.82	1.03	8.22	0.87	0.79	2.45	8.74	9.70
Sanchez, Arthur	0.84	0.89	9.65	1.06	0.84	3.40	9.24	9.82
Terrado, Ken	0.80	1.47	8.09	1.48	0.84	2.78	8.61	9.68
Trevino, Bobby	0.86	1.07	8.84	0.99	0.88	3.10	9.30	9.76
Zalewski, John	0.88	0.46	8.38	1.26	1.11	2.90	9.22	9.78
MAXIMUM	1.19	1.47	9.65	1.72	1.11	3.95	9.71	9.92
MINIMUM	0.75	0.46	8.09	0.85	0.78	1.96	8.61	9.55
RANGE(MAX-MIN)	0.440	1.010	1.560	0.870	0.330	1.990	1.100	0.370
MEAN	0.846	1.006	8.710	1.139	0.916	2.863	9.201	9.756
STANDARD DEVIATION	0.097	0.216	0.470	0.242	0.101	0.602	0.311	0.092
N SIZE	17.000							

Part ID= CAL-D - CAL. SEQ. III PISTON

CAL-D Y1 Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCTOT	THTOT	ATTOT
Aguirre, Nancy P	-0.17	0.06	-0.32	-0.41	-0.56	1.31	0.58	0.15
Arrizon, Richard	-0.37	-0.40	-0.57	-0.08	0.94	-0.55	0.74	0.91
Castillo, George	-0.17	0.20	0.89	1.08	-0.46	0.76	0.32	0.04
Cumberworth, Lee	0.76	-0.45	-0.83	-0.33	0.24	-1.50	1.64	1.78
Fujita, Hirokazu	-0.37	0.39	-1.21	-0.53	-0.56	-0.22	-0.23	-0.93
Hills, Barry	-0.17	0.67	1.51	-1.20	-0.56	-0.77	1.12	0.59
Hurst, Kevin R.	-0.99	-0.17	-0.94	-0.20	-0.06	-0.35	0.87	0.48
Kobrinetz, Joaquin J.	-0.37	-0.35	0.21	-0.45	-0.26	-0.60	0.45	0.48
Kraemer, Vernon	3.53	-0.12	0.51	2.40	1.43	1.81	-0.58	-2.23
Lonsway, Chris	-0.17	-1.19	1.28	-1.20	-1.35	-1.27	0.35	0.48
Lowsky, John	-0.99	1.27	0.36	1.20	1.73	1.72	-0.55	-1.80
Pitta, Jimmy	-0.17	0.62	-0.11	-0.12	0.64	-0.85	-1.84	0.48
Potocar, William P	-0.27	0.11	-1.04	-1.11	-1.25	-0.69	-1.48	-0.61
Sanchez, Arthur	-0.07	-0.54	2.00	-0.33	-0.76	0.89	0.13	0.70
Terrado, Ken	-0.48	2.15	-1.32	1.41	-0.76	-0.14	-1.90	-0.82
Trevino, Bobby	0.14	0.29	0.28	-0.62	-0.36	0.39	0.32	0.04
Zalewski, John	0.34	-2.53	-0.70	0.50	1.93	0.06	0.06	0.26
MAXIMUM	3.53	-2.53	2.00	2.40	1.93	1.81	-1.90	-2.23
MINIMUM	-0.07	0.06	-0.11	-0.08	-0.06	0.06	0.06	0.04
RANGE(MAX-MIN)	3.596	-2.596	2.105	2.479	1.990	1.746	-1.963	-2.279
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
N SIZE	17.000							

## LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Part ID= E1-4 - CAL. SEQ. V PISTONS

Rated Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	P1MERI	P2MERI	P3MERI	P4MERI
Aguirre, Nancy P	8.79	8.70	8.78	8.46
Barrera, Tony	9.45	9.20	8.97	9.17
Castillo, George	9.33	9.27	9.12	8.94
Cumberworth, Lee	9.14	8.86	8.77	8.85
Hills, Barry	9.17	9.07	9.02	9.03
Hurst, Kevin R.	9.30	9.09	8.96	8.85
King, Jennifer	9.48	9.19	9.13	9.35
Kobrinetz, Joaquin J.	9.12	8.67	8.45	8.72
Kraemer, Vernon	8.92	8.53	8.35	8.37
Lopez, Frank	9.49	8.94	8.96	8.92
Potocar, William P	8.87	8.47	8.33	8.38
Ramirez, Ray	8.10	7.06	7.30	7.75
Rodriguez, Jesus (Jesse)	9.35	8.99	8.92	8.98
Sanchez, Arthur	9.56	9.18	9.11	9.19
Veiga, Victor	9.53	8.46	9.37	9.40
MAXIMUM	9.56	9.27	9.37	9.40
MINIMUM	8.10	7.06	7.30	7.75
RANGE(MAX-MIN)	1.460	2.210	2.070	1.650
MEAN	9.173	8.779	8.769	8.824
STANDARD DEVIATION	0.385	0.550	0.504	0.435
N SIZE	15.000			

Part ID= E1-4 - CAL. SEQ. V PISTONS

E1-4 YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	P1MERI	P2MERI	P3MERI	P4MERI
Aguirre, Nancy P	-0.99	-0.14	0.02	-0.84
Barrera, Tony	0.72	0.77	0.40	0.79
Castillo, George	0.41	0.89	0.70	0.27
Cumberworth, Lee	-0.09	0.15	0.00	0.06
Hills, Barry	-0.01	0.53	0.50	0.47
Hurst, Kevin R.	0.33	0.57	0.38	0.06
King, Jennifer	0.80	0.75	0.72	1.21
Kobrinetz, Joaquin J.	-0.14	-0.20	-0.63	-0.24
Kraemer, Vernon	-0.66	-0.45	-0.83	-1.04
Lopez, Frank	0.82	0.29	0.38	0.22
Potocar, William P	-0.79	-0.56	-0.87	-1.02
Ramirez, Ray	-2.79	-3.12	-2.91	-2.47
Rodriguez, Jesus (Jesse)	0.46	0.38	0.30	0.36
Sanchez, Arthur	1.00	0.73	0.68	0.84
Veiga, Victor	0.93	-0.58	1.19	1.32
MAXIMUM	-2.79	-3.12	-2.91	-2.47
MINIMUM	-0.01	-0.14	0.00	0.06
RANGE(MAX-MIN)	-2.777	-2.981	-2.916	-2.527
MEAN	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000
N SIZE	15.000			

## LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Part ID= E1-4 - CAL. SEQ. V PISTONS

Rated Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	P1MERI	P2MERI	P3MERI	P4MERI
Aguirre, Nancy P	8.79	8.70	8.78	8.46
Barrera, Tony	9.45	9.20	8.97	9.17
Castillo, George	9.33	9.27	9.12	8.94
Cumberworth, Lee	9.14	8.86	8.77	8.85
Hills, Barry	9.17	9.07	9.02	9.03
Hurst, Kevin R.	9.30	9.09	8.96	8.85
King, Jennifer	9.48	9.19	9.13	9.35
Kobrinetz, Joaquin J.	9.12	8.67	8.45	8.72
Kraemer, Vernon	8.92	8.53	8.35	8.37
Lopez, Frank	9.49	8.94	8.96	8.92
Potocar, William P	8.87	8.47	8.33	8.38
Rodriguez, Jesus (Jesse)	9.35	8.99	8.92	8.98
Sanchez, Arthur	9.56	9.18	9.11	9.19
Veiga, Victor	9.53	8.46	9.37	9.40
MAXIMUM	9.56	9.27	9.37	9.40
MINIMUM	8.79	8.46	8.33	8.37
RANGE(MAX-MIN)	0.770	0.810	1.040	1.030
MEAN	9.250	8.901	8.874	8.901
STANDARD DEVIATION	0.255	0.287	0.309	0.330
N SIZE	14.000			

Part ID= E1-4 - CAL. SEQ. V PISTONS

E1-4 YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	P1MERI	P2MERI	P3MERI	P4MERI
Aguirre, Nancy P	-1.81	-0.70	-0.30	-1.33
Barrera, Tony	0.78	1.04	0.31	0.82
Castillo, George	0.31	1.28	0.79	0.12
Cumberworth, Lee	-0.43	-0.14	-0.34	-0.15
Hills, Barry	-0.31	0.59	0.47	0.39
Hurst, Kevin R.	0.20	0.66	0.28	-0.15
King, Jennifer	0.90	1.00	0.83	1.36
Kobrinetz, Joaquin J.	-0.51	-0.81	-1.37	-0.55
Kraemer, Vernon	-1.30	-1.29	-1.69	-1.61
Lopez, Frank	0.94	0.13	0.28	0.06
Potocar, William P	-1.49	-1.50	-1.76	-1.58
Rodriguez, Jesus (Jesse)	0.39	0.31	0.15	0.24
Sanchez, Arthur	1.22	0.97	0.76	0.88
Veiga, Victor	1.10	-1.54	1.60	1.51
MAXIMUM	-1.81	-1.54	-1.76	-1.61
MINIMUM	0.20	0.13	0.15	0.06
RANGE(MAX-MIN)	-2.001	-1.670	-1.906	-1.666
MEAN	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000
N SIZE	14.000			

## LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Part ID= F1-4 - CAL. SEQ. V PISTONS

Rated Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	P1MERI	P2MERI	P3MERI	P4MERI
Aguirre, Nancy P	9.14	8.97	8.81	8.79
Cales, Jonathon	9.28	8.95	8.04	8.58
Campbell, Bryan	8.44	8.24	7.97	6.68
Castillo, George	8.84	8.61	8.28	7.73
Foecking, Brian	8.93	8.73	8.67	8.45
Hills, Barry	8.94	9.08	8.85	8.76
Kraemer, Vernon	8.53	8.62	8.19	8.00
Lopez, Frank	8.95	8.88	8.36	8.32
Lowsky, John	8.63	8.85	8.90	9.01
Sanchez, Arthur	9.18	9.12	8.71	8.68
Trevino, Bobby	8.79	8.72	8.50	8.38
Viera, Ralph B.	8.46	8.45	8.20	8.57
Zalewski, John	8.94	9.35	8.80	8.82
MAXIMUM	9.28	9.35	8.90	9.01
MINIMUM	8.44	8.24	7.97	6.68
RANGE(MAX-MIN)	0.840	1.110	0.930	2.330
MEAN	8.850	8.813	8.483	8.367
STANDARD DEVIATION	0.272	0.297	0.327	0.615
N SIZE	13.000			

Part ID= F1-4 - CAL. SEQ. V PISTONS

F1-4 YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	P1MERI	P2MERI	P3MERI	P4MERI
Aguirre, Nancy P	1.07	0.53	1.00	0.69
Cales, Jonathon	1.58	0.46	-1.35	0.35
Campbell, Bryan	-1.51	-1.93	-1.57	-2.74
Castillo, George	-0.04	-0.68	-0.62	-1.04
Foecking, Brian	0.29	-0.28	0.57	0.14
Hills, Barry	0.33	0.90	1.12	0.64
Kraemer, Vernon	-1.18	-0.65	-0.90	-0.60
Lopez, Frank	0.37	0.23	-0.38	-0.08
Lowsky, John	-0.81	0.12	1.27	1.05
Sanchez, Arthur	1.22	1.03	0.69	0.51
Trevino, Bobby	-0.22	-0.31	0.05	0.02
Viera, Ralph B.	-1.44	-1.22	-0.87	0.33
Zalewski, John	0.33	1.81	0.97	0.74
MAXIMUM	1.58	-1.93	-1.57	-2.74
MINIMUM	-0.04	0.12	0.05	0.02
RANGE(MAX-MIN)	1.620	-2.055	-1.620	-2.766
MEAN	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000
N SIZE	13.000			

## LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Part ID= G1-4 - CAL. SEQ. V PISTONS

Rated Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	P1MERI	P2MERI	P3MERI	P4MERI
Adams, Patrick	9.10	8.61	8.68	8.11
Cales, Jonathon	8.94	8.56	8.45	8.40
Caproni, David	9.16	8.74	8.78	8.56
Cumberworth, Lee	9.14	9.09	8.45	8.62
DeCapite, Vanessa	8.71	8.13	8.06	7.94
Foecking, Brian	8.71	8.32	8.27	8.20
Greenland, Paul	9.00	8.78	8.56	8.43
Hurst, Kevin R.	9.04	8.94	8.71	8.78
Kobrinetz, Joaquin J.	9.04	8.72	8.29	8.19
Lonsway, Chris	8.83	8.59	8.07	8.18
Lowsky, John	9.28	9.13	9.27	9.02
May, Marianne	9.18	8.89	8.65	8.60
Potocar, William P	8.39	8.08	7.80	7.94
Rodriguez, Jesus (Jesse)	8.95	8.26	8.07	8.12
Viera, Ralph B.	9.19	8.67	8.99	8.87
MAXIMUM	9.28	9.13	9.27	9.02
MINIMUM	8.39	8.08	7.80	7.94
RANGE(MAX-MIN)	0.890	1.050	1.470	1.080
MEAN	8.977	8.634	8.473	8.397
STANDARD DEVIATION	0.235	0.323	0.393	0.336
N SIZE	15.000			

Part ID= G1-4 - CAL. SEQ. V PISTONS

G1-4 Yi Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	P1MERI	P2MERI	P3MERI	P4MERI
Adams, Patrick	0.52	-0.07	0.53	-0.85
Cales, Jonathon	-0.16	-0.23	-0.06	0.01
Caproni, David	0.78	0.33	0.78	0.48
Cumberworth, Lee	0.69	1.41	-0.06	0.66
DeCapite, Vanessa	-1.14	-1.56	-1.05	-1.36
Foecking, Brian	-1.14	-0.97	-0.52	-0.59
Greenland, Paul	0.10	0.45	0.22	0.10
Hurst, Kevin R.	0.27	0.95	0.60	1.14
Kobrinetz, Joaquin J.	0.27	0.27	-0.47	-0.62
Lonsway, Chris	-0.63	-0.14	-1.03	-0.65
Lowsky, John	1.29	1.54	2.03	1.85
May, Marianne	0.86	0.79	0.45	0.60
Potocar, William P	-2.50	-1.71	-1.71	-1.36
Rodriguez, Jesus (Jesse)	-0.12	-1.16	-1.03	-0.82
Viera, Ralph B.	0.91	0.11	1.32	1.41
MAXIMUM	-2.50	-1.71	2.03	1.85
MINIMUM	0.10	-0.07	-0.06	0.01
RANGE(MAX-MIN)	-2.596	-1.640	2.088	1.844
MEAN	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000
N SIZE	15.000			

## LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Part ID= H1-4 - CAL. SEQ. V PISTONS

Rated Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	P1MERI	P2MERI	P3MERI	P4MERI
Adams, Patrick	9.21	9.30	9.11	8.85
Barrera, Tony	9.03	9.27	8.95	8.76
Campbell, Bryan	8.68	8.45	8.54	8.13
Caproni, David	9.21	9.13	9.02	8.88
DeCapite, Vanessa	9.19	9.16	8.77	8.65
Grundza, Richard	9.21	9.09	9.09	8.97
King, Jennifer	9.36	9.43	9.33	9.11
Lonsway, Chris	9.03	9.14	8.85	8.56
May, Marianne	9.17	9.38	9.05	8.79
Ramirez, Ray	8.33	8.61	7.83	8.28
Trevino, Bobby	8.97	9.03	8.88	8.85
Veiga, Victor	9.48	9.62	9.53	9.29
Zalewski, John	9.30	9.43	9.52	9.21
MAXIMUM	9.48	9.62	9.53	9.29
MINIMUM	8.33	8.45	7.83	8.13
RANGE(MAX-MIN)	1.150	1.170	1.700	1.160
MEAN	9.090	9.157	8.959	8.795
STANDARD DEVIATION	0.302	0.325	0.441	0.335
N SIZE	13.000			

Part ID= H1-4 - CAL. SEQ. V PISTONS

H1-4 YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	P1MERI	P2MERI	P3MERI	P4MERI
Adams, Patrick	0.40	0.44	0.34	0.17
Barrera, Tony	-0.20	0.35	-0.02	-0.10
Campbell, Bryan	-1.36	-2.18	-0.95	-1.98
Caproni, David	0.40	-0.08	0.14	0.26
DeCapite, Vanessa	0.33	0.01	-0.43	-0.43
Grundza, Richard	0.40	-0.21	0.30	0.52
King, Jennifer	0.89	0.84	0.84	0.94
Lonsway, Chris	-0.20	-0.05	-0.25	-0.70
May, Marianne	0.26	0.69	0.21	-0.01
Ramirez, Ray	-2.51	-1.68	-2.56	-1.54
Trevino, Bobby	-0.40	-0.39	-0.18	0.17
Veiga, Victor	1.29	1.43	1.29	1.48
Zalewski, John	0.69	0.84	1.27	1.24
MAXIMUM	-2.51	-2.18	-2.56	-1.98
MINIMUM	-0.20	0.01	-0.02	-0.01
RANGE(MAX-MIN)	-2.316	-2.185	-2.539	-1.971
MEAN	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000
N SIZE	13.000			



## LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Part ID= CAL-M - CAL. DV4 PISTON

Rated Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT
Adams, Patrick	0.73	0.57	0.52	0.19	2.28
Barrera, Tony	0.71	0.65	9.72	0.29	2.20
Cales, Jonathon	0.83	0.54	9.70	0.32	1.66
Campbell, Bryan	1.47	0.54	9.95	0.25	1.82
Castillo, George	0.86	0.55	9.12	0.59	1.97
Cumberworth, Lee	1.02	0.88	9.79	0.55	2.33
DeCapite, Vanessa	1.13	0.89	9.76	0.26	2.10
Foecking, Brian	0.72	0.62	9.60	0.30	2.47
Greenland, Paul	1.26	0.54	9.90	0.19	2.09
Hills, Barry	0.69	0.53	9.70	0.12	1.91
Hurst, Kevin R.	0.70	0.51	9.14	0.11	2.19
King, Jennifer	0.91	0.82	9.90	0.70	2.01
Kobrinetz, Joaquin J.	1.18	0.59	9.86	0.23	2.15
Lam, Eddie	1.45	0.64	9.58	0.47	2.26
Lonsway, Chris	0.86	0.90	9.70	0.32	2.11
Lopez, Frank	0.71	0.70	9.70	0.42	1.80
Lowsky, John	0.64	0.52	9.13	0.11	2.73
Potocar, William P	0.80	0.80	9.76	0.22	2.01
Rodriguez, Jesus (Jesse)	1.01	0.39	9.70	0.32	2.12
Sanchez, Arthur	0.71	0.70	9.90	0.56	1.65
Veiga, Victor	0.73	0.76	9.28	0.29	1.82
Viera, Ralph B.	0.72	0.71	9.41	0.35	2.17
Zalewski, John	0.95	0.47	9.78	0.22	2.54
MAXIMUM	1.47	0.90	9.95	0.70	2.73
MINIMUM	0.64	0.39	0.52	0.11	1.65
RANGE(MAX-MIN)	0.830	0.510	9.430	0.590	1.080
MEAN	0.904	0.644	9.243	0.321	2.104
STANDARD DEVIATION	0.245	0.143	1.918	0.160	0.268
N SIZE	23.000				

## LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Part ID= CAL-M - CAL. DV4 PISTON

CAL-M Yi Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT
Adams, Patrick	-0.71	-0.52	-4.55	-0.82	0.66
Barrera, Tony	-0.79	0.04	0.25	-0.19	0.36
Cales, Jonathon	-0.30	-0.73	0.24	-0.01	-1.66
Campbell, Bryan	2.31	-0.73	0.37	-0.44	-1.06
Castillo, George	-0.18	-0.66	-0.06	1.68	-0.50
Cumberworth, Lee	0.47	1.64	0.28	1.43	0.84
DeCapite, Vanessa	0.92	1.71	0.27	-0.38	-0.01
Foecking, Brian	-0.75	-0.17	0.19	-0.13	1.37
Greenland, Paul	1.46	-0.73	0.34	-0.82	-0.05
Hills, Barry	-0.87	-0.80	0.24	-1.26	-0.72
Hurst, Kevin R.	-0.83	-0.94	-0.05	-1.32	0.32
King, Jennifer	0.02	1.22	0.34	2.37	-0.35
Kobrinetz, Joaquin J.	1.13	-0.38	0.32	-0.57	0.17
Lam, Eddie	2.23	-0.03	0.18	0.93	0.58
Lonsway, Chris	-0.18	1.78	0.24	-0.01	0.02
Lopez, Frank	-0.79	0.39	0.24	0.62	-1.14
Lowsky, John	-1.08	-0.87	-0.06	-1.32	2.34
Potocar, William P	-0.42	1.09	0.27	-0.63	-0.35
Rodriguez, Jesus (Jesse)	0.43	-1.77	0.24	-0.01	0.06
Sanchez, Arthur	-0.79	0.39	0.34	1.50	-1.70
Veiga, Victor	-0.71	0.81	0.02	-0.19	-1.06
Viera, Ralph B.	-0.75	0.46	0.09	0.18	0.25
Zalewski, John	0.19	-1.22	0.28	-0.63	1.63
MAXIMUM	2.31	1.78	-4.55	2.37	2.34
MINIMUM	0.02	-0.03	0.02	-0.01	-0.01
RANGE(MAX-MIN)	2.288	1.813	-4.566	2.378	2.354
MEAN	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000
N SIZE	23.000				

## LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Part ID= CAL-M - CAL. DV4 PISTON

Rated Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT
Barrera, Tony	0.71	0.65	9.72	0.29	2.20
Cales, Jonathon	0.83	0.54	9.70	0.32	1.66
Campbell, Bryan	1.47	0.54	9.95	0.25	1.82
Castillo, George	0.86	0.55	9.12	0.59	1.97
Cumberworth, Lee	1.02	0.88	9.79	0.55	2.33
DeCapite, Vanessa	1.13	0.89	9.76	0.26	2.10
Foecking, Brian	0.72	0.62	9.60	0.30	2.47
Greenland, Paul	1.26	0.54	9.90	0.19	2.09
Hills, Barry	0.69	0.53	9.70	0.12	1.91
Hurst, Kevin R.	0.70	0.51	9.14	0.11	2.19
King, Jennifer	0.91	0.82	9.90	0.70	2.01
Kobrinetz, Joaquin J.	1.18	0.59	9.86	0.23	2.15
Lam, Eddie	1.45	0.64	9.58	0.47	2.26
Lonsway, Chris	0.86	0.90	9.70	0.32	2.11
Lopez, Frank	0.71	0.70	9.70	0.42	1.80
Lowsky, John	0.64	0.52	9.13	0.11	2.73
Potocar, William P	0.80	0.80	9.76	0.22	2.01
Rodriguez, Jesus (Jesse)	1.01	0.39	9.70	0.32	2.12
Sanchez, Arthur	0.71	0.70	9.90	0.56	1.65
Veiga, Victor	0.73	0.76	9.28	0.29	1.82
Viera, Ralph B.	0.72	0.71	9.41	0.35	2.17
Zalewski, John	0.95	0.47	9.78	0.22	2.54
MAXIMUM	1.47	0.90	9.95	0.70	2.73
MINIMUM	0.64	0.39	9.12	0.11	1.65
RANGE(MAX-MIN)	0.830	0.510	0.830	0.590	1.080
MEAN	0.912	0.648	9.640	0.327	2.096
STANDARD DEVIATION	0.247	0.146	0.259	0.161	0.271
N SIZE	22.000				

Part ID= CAL-M - CAL. DV4 PISTON

CAL-M YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT
Barrera, Tony	-0.82	0.02	0.31	-0.23	0.38
Cales, Jonathon	-0.33	-0.74	0.23	-0.04	-1.61
Campbell, Bryan	2.26	-0.74	1.20	-0.48	-1.02
Castillo, George	-0.21	-0.67	-2.01	1.64	-0.46
Cumberworth, Lee	0.44	1.59	0.58	1.39	0.86
DeCapite, Vanessa	0.88	1.66	0.46	-0.42	0.02
Foecking, Brian	-0.78	-0.19	-0.15	-0.17	1.38
Greenland, Paul	1.41	-0.74	1.00	-0.85	-0.02
Hills, Barry	-0.90	-0.81	0.23	-1.28	-0.69
Hurst, Kevin R.	-0.86	-0.94	-1.93	-1.35	0.35
King, Jennifer	-0.01	1.18	1.00	2.32	-0.32
Kobrinetz, Joaquin J.	1.08	-0.40	0.85	-0.60	0.20
Lam, Eddie	2.17	-0.05	-0.23	0.89	0.61
Lonsway, Chris	-0.21	1.73	0.23	-0.04	0.05
Lopez, Frank	-0.82	0.36	0.23	0.58	-1.09
Lowsky, John	-1.10	-0.88	-1.97	-1.35	2.34
Potocar, William P	-0.45	1.04	0.46	-0.66	-0.32
Rodriguez, Jesus (Jesse)	0.40	-1.77	0.23	-0.04	0.09
Sanchez, Arthur	-0.82	0.36	1.00	1.45	-1.64
Veiga, Victor	-0.73	0.77	-1.39	-0.23	-1.02
Viera, Ralph B.	-0.78	0.43	-0.89	0.14	0.27
Zalewski, John	0.15	-1.22	0.54	-0.66	1.64
MAXIMUM	2.26	-1.77	-2.01	2.32	2.34
MINIMUM	-0.01	0.02	-0.15	-0.04	0.02
RANGE(MAX-MIN)	2.263	-1.783	-1.852	2.361	2.324
MEAN	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000
N SIZE	22.000				

## LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Part ID= CAL-T - CAL. FIELD PISTON

Rated Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	FRTOT	RRTOT
Adams, Patrick	0.60	0.94	3.60	1.45	1.83	5.06	5.50
Barrera, Tony	0.75	1.09	2.82	1.39	1.58	5.81	5.73
Cales, Jonathon							
Campbell, Bryan	0.73	1.16	2.57	2.30	1.40	5.70	5.53
Caproni, David	0.26	0.80	2.97	1.65	1.55	5.80	5.85
Castillo, George	0.41	0.76	2.72	1.50	1.48	5.57	5.12
DeCapite, Vanessa	0.55	1.08	2.70	1.52	1.96	5.36	6.01
Foecking, Brian	0.51	1.03	2.02	1.63	1.34	5.19	5.39
Greenland, Paul	0.34	0.88	2.77	1.14	1.52	5.76	5.00
Hills, Barry	0.54	0.86	2.52	1.35	1.57	4.89	5.23
Hurst, Kevin R.	0.51	1.05	2.75	1.51	1.68	4.35	5.29
King, Jennifer	0.84	1.06	2.16	1.68	1.80	5.80	5.50
Kraemer, Vernon	0.52	1.14	3.23	2.67	2.70	6.05	6.18
Lam, Eddie	0.41	1.11	2.48	1.57	1.46	5.13	4.85
Lonsway, Chris	0.39	1.16	2.39	1.34	1.72	5.50	6.11
Lopez, Frank	0.62	1.02	2.91	1.57	1.83	6.10	5.99
Lowsky, John	0.34	1.19	2.96	1.10	1.23	6.35	6.00
Potocar, William P	0.64	0.97	2.35	1.37	1.49	4.61	5.30
Rodriguez, Jesus (Jesse)	0.75	0.75	2.30	1.44	1.20	5.53	5.03
Sanchez, Arthur	0.38	1.02	3.89	1.42	1.53	6.49	6.86
Veiga, Victor	0.44	0.86	2.28	1.30	1.44	6.07	4.77
Viera, Ralph B.	0.52	1.02	2.80	1.49	1.58	4.77	5.63
Zalewski, John	0.50	1.19	2.70	1.78	2.13	5.58	6.10
MAXIMUM	0.84	1.19	3.89	2.67	2.70	6.49	6.86
MINIMUM	0.26	0.75	2.02	1.10	1.20	4.35	4.77
RANGE(MAX-MIN)	0.580	0.440	1.870	1.570	1.500	2.140	2.090
MEAN	0.525	1.006	2.722	1.553	1.637	5.521	5.590
STANDARD DEVIATION	0.152	0.137	0.443	0.347	0.327	0.558	0.514
N SIZE	23.000						

## LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Part ID= CAL-T - CAL. FIELD PISTON

CAL-T Yi Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	FRTOT	RRTOT	
Adams, Patrick	0.53	-0.09	1.40	-0.08	0.56	-0.17	0.12	
Barrera, Tony	1.34	0.51	0.30	-0.20	0.03	0.42	0.30	
Cales, Jonathon	1.34	0.51	0.30	-0.20	0.03	0.42	0.30	
Campbell, Bryan	1.24	0.79	-0.05	1.74	-0.36	0.33	0.14	
Caproni, David	-1.31	-0.65	0.51	0.35	-0.03	0.41	0.40	
Castillo, George	-0.50	-0.81	0.16	0.03	-0.18	0.23	-0.18	
DeCapite, Vanessa	0.26	0.47	0.13	0.07	0.84	0.06	0.52	
Foecking, Brian	0.04	0.27	-0.82	0.31	-0.48	-0.07	0.03	
Greenland, Paul	-0.88	-0.33	0.23	-0.74	-0.10	0.38	-0.27	
Hills, Barry	0.21	-0.41	-0.12	-0.29	0.01	-0.31	-0.09	
Hurst, Kevin R.	0.04	0.35	0.20	0.05	0.24	-0.73	-0.04	
King, Jennifer	1.83	0.39	-0.62	0.41	0.50	0.41	0.12	
Kraemer, Vernon	0.10	0.71	0.88	2.53	2.42	0.60	0.66	
Lam, Eddie	-0.50	0.59	-0.17	0.18	-0.23	-0.12	-0.39	
Lonsway, Chris	-0.61	0.79	-0.30	-0.31	0.33	0.17	0.60	
Lopez, Frank	0.64	0.23	0.43	0.18	0.56	0.64	0.51	
Lowsky, John	-0.88	0.91	0.50	-0.82	-0.72	0.84	0.51	
Potocar, William P	0.75	0.03	-0.36	-0.25	-0.16	-0.53	-0.04	
Rodriguez, Jesus (Jesse)	1.34	-0.85	-0.43	-0.10	-0.78	0.20	-0.25	
Sanchez, Arthur	-0.66	0.23	1.80	-0.14	-0.08	0.95	1.19	
Veiga, Victor	-0.34	-0.41	-0.45	-0.40	-0.27	0.62	-0.45	
Viera, Ralph B.	0.10	0.23	0.27	0.01	0.03	-0.40	0.22	
Zalewski, John	-0.01	0.91	0.13	0.63	1.21	0.23	0.59	
MAXIMUM	1.83	0.91	1.80	2.53	2.42	0.95	1.19	
MINIMUM	-0.01	0.03	-0.05	0.01	0.01	0.06	0.03	
RANGE(MAX-MIN)	1.844	0.884	1.849	2.517	2.416	0.887	1.158	
MEAN	0.177	0.190	0.172	0.129	0.147	0.198	0.196	
STANDARD DEVIATION	0.844	0.543	0.607	0.727	0.684	0.431	0.396	
N SIZE	23.000							

## LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Part ID= PTCAL - CAL. PISTON TOPS

Rated Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	P1MERI	P2MERI	
Barrera, Tony	8.10	8.13	
Campbell, Bryan	8.55	8.53	
Castillo, George	7.35	7.35	
Cumberworth, Lee	8.26	8.20	
Foecking, Brian	8.60	8.56	
King, Jennifer	7.96	7.83	
Kobrinetz, Joaquin J.	8.31	8.43	
Kraemer, Vernon	8.16	8.25	
Lopez, Frank	8.06	8.16	
Lowsky, John	8.48	8.49	
Rodriguez, Jesus (Jesse)	7.67	7.81	
Sanchez, Arthur	7.20	7.25	
Trevino, Bobby	8.16	8.08	
MAXIMUM	8.60	8.56	
MINIMUM	7.20	7.25	
RANGE(MAX-MIN)	1.400	1.310	
MEAN	8.066	8.082	
STANDARD DEVIATION	0.432	0.422	
N SIZE	13.000		

Part ID= PTCAL - CAL. PISTON TOPS

PTCAL YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	P1MERI	P2MERI	
Barrera, Tony	0.08	0.11	
Campbell, Bryan	1.12	1.06	
Castillo, George	-1.66	-1.74	
Cumberworth, Lee	0.45	0.28	
Foecking, Brian	1.24	1.13	
King, Jennifer	-0.25	-0.60	
Kobrinetz, Joaquin J.	0.56	0.82	
Kraemer, Vernon	0.22	0.40	
Lopez, Frank	-0.01	0.18	
Lowsky, John	0.96	0.97	
Rodriguez, Jesus (Jesse)	-0.92	-0.65	
Sanchez, Arthur	-2.01	-1.97	
Trevino, Bobby	0.22	-0.01	
MAXIMUM	-2.01	-1.97	
MINIMUM	-0.01	-0.01	
RANGE(MAX-MIN)	-1.992	-1.969	
MEAN	0.000	0.000	
STANDARD DEVIATION	1.000	1.000	
N SIZE	13.000		

## LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Part ID= VALCAL - CAL. INTAKE VALVES

Rated Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	P1	P2
Adams, Patrick	9.30	9.10
Barrera, Tony	9.20	8.90
Campbell, Bryan	9.20	8.90
Castillo, George	9.20	9.00
Cumberworth, Lee	9.05	8.90
DeCapite, Vanessa	9.60	9.40
Foecking, Brian	9.30	9.10
King, Jennifer	9.40	9.20
Kobrinetz, Joaquin J.	9.20	9.10
Kraemer, Vernon	9.10	9.00
Lopez, Frank	9.50	9.30
Lowsky, John	9.25	8.90
May, Marianne	9.10	9.00
Potocar, William P	9.50	9.20
Rodriguez, Jesus (Jesse)	9.40	9.00
Sanchez, Arthur	9.20	9.10
Viera, Ralph B.	9.20	9.00
Zalewski, John	9.50	9.30
MAXIMUM	9.60	9.40
MINIMUM	9.05	8.90
RANGE(MAX-MIN)	0.550	0.500
MEAN	9.289	9.078
STANDARD DEVIATION	0.160	0.152
N SIZE	18.000	

Part ID= VALCAL - CAL. INTAKE VALVES

VALCAL YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	P1	P2
Adams, Patrick	0.07	0.15
Barrera, Tony	-0.56	-1.17
Campbell, Bryan	-0.56	-1.17
Castillo, George	-0.56	-0.51
Cumberworth, Lee	-1.50	-1.17
DeCapite, Vanessa	1.95	2.12
Foecking, Brian	0.07	0.15
King, Jennifer	0.70	0.81
Kobrinetz, Joaquin J.	-0.56	0.15
Kraemer, Vernon	-1.18	-0.51
Lopez, Frank	1.32	1.47
Lowsky, John	-0.24	-1.17
May, Marianne	-1.18	-0.51
Potocar, William P	1.32	0.81
Rodriguez, Jesus (Jesse)	0.70	-0.51
Sanchez, Arthur	-0.56	0.15
Viera, Ralph B.	-0.56	-0.51
Zalewski, John	1.32	1.47
MAXIMUM	1.95	2.12
MINIMUM	0.07	0.15
RANGE(MAX-MIN)	1.880	1.978
MEAN	0.000	0.000
STANDARD DEVIATION	1.000	1.000
N SIZE	18.000	

## LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Part ID= VSCALL - CAL RC BFL SLUDGE L

Rated Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	TOTALS	
Adams, Patrick	9.07	
Aguirre, Nancy P	9.21	
Barrera, Tony	9.15	
Cales, Jonathon	9.04	
Campbell, Bryan	9.34	
Caproni, David	8.96	
Castillo, George	9.03	
Cumberworth, Lee	9.08	
DeCapite, Vanessa	9.29	
Foecking, Brian	9.05	
Greenland, Paul	9.09	
Hills, Barry	9.08	
Hurst, Kevin R.	9.08	
King, Jennifer	9.32	
Kobrinetz, Joaquin J.	9.03	
Kraemer, Vernon	9.25	
Lam, Eddie	9.24	
Lonsway, Chris	9.20	
Lopez, Frank	9.22	
Lowsky, John	9.14	
May, Marianne	9.11	
Potocar, William P	9.06	
Rodriguez, Jesus (Jesse)	9.07	
Sanchez, Arthur	9.12	
Trevino, Bobby	9.18	
Veiga, Victor	9.03	
Viera, Ralph B.	9.14	
Zalewski, John	9.20	
MAXIMUM	9.34	
MINIMUM	8.96	
RANGE(MAX-MIN)	0.380	
MEAN	9.135	
STANDARD DEVIATION	0.097	
N SIZE	28.000	



## LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Part ID= VSCALL - CAL RC BFL SLUDGE L

VSCALL Yi Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	TOTALS	
Adams, Patrick	-0.67	
Aguirre, Nancy P	0.77	
Barrera, Tony	0.15	
Cales, Jonathon	-0.98	
Campbell, Bryan	2.11	
Caproni, David	-1.80	
Castillo, George	-1.08	
Cumberworth, Lee	-0.57	
DeCapite, Vanessa	1.60	
Foecking, Brian	-0.88	
Greenland, Paul	-0.46	
Hills, Barry	-0.57	
Hurst, Kevin R.	-0.57	
King, Jennifer	1.91	
Kobrinetz, Joaquin J.	-1.08	
Kraemer, Vernon	1.19	
Lam, Eddie	1.08	
Lonsway, Chris	0.67	
Lopez, Frank	0.88	
Lowsky, John	0.05	
May, Marianne	-0.26	
Potocar, William P	-0.77	
Rodriguez, Jesus (Jesse)	-0.67	
Sanchez, Arthur	-0.15	
Trevino, Bobby	0.46	
Veiga, Victor	-1.08	
Viera, Ralph B.	0.05	
Zalewski, John	0.67	
MAXIMUM	2.11	
MINIMUM	0.05	
RANGE(MAX-MIN)	2.062	
MEAN	0.000	
STANDARD DEVIATION	1.000	
N SIZE	28.000	

## LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Part ID= VSCALR - CAL RC BFL SLUDGE R

Rated Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	TOTALS	
Adams, Patrick	9.20	
Aguirre, Nancy P	9.25	
Barrera, Tony	9.24	
Cales, Jonathon	9.03	
Campbell, Bryan	9.18	
Caproni, David	8.98	
Castillo, George	9.04	
Cumberworth, Lee	8.94	
DeCapite, Vanessa	9.08	
Foecking, Brian	8.91	
Greenland, Paul	9.00	
Hills, Barry	9.00	
Hurst, Kevin R.	9.12	
King, Jennifer	9.36	
Kobrinetz, Joaquin J.	8.91	
Kraemer, Vernon	9.25	
Lonsway, Chris	9.09	
Lopez, Frank	9.35	
Lowsky, John	9.11	
May, Marianne	9.10	
Potocar, William P	9.27	
Rodriguez, Jesus (Jesse)	9.15	
Sanchez, Arthur	9.10	
Trevino, Bobby	9.21	
Veiga, Victor	9.19	
Viera, Ralph B.	9.16	
Zalewski, John	9.21	
MAXIMUM	9.36	
MINIMUM	8.91	
RANGE(MAX-MIN)	0.450	
MEAN	9.127	
STANDARD DEVIATION	0.124	
N SIZE	27.000	

## LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Part ID= VSCALR - CAL RC BFL SLUDGE R

VSCALR Yi Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	TOTALS	
Adams, Patrick	0.59	
Aguirre, Nancy P	0.99	
Barrera, Tony	0.91	
Cales, Jonathon	-0.78	
Campbell, Bryan	0.43	
Caproni, David	-1.18	
Castillo, George	-0.70	
Cumberworth, Lee	-1.51	
DeCapite, Vanessa	-0.38	
Foecking, Brian	-1.75	
Greenland, Paul	-1.02	
Hills, Barry	-1.02	
Hurst, Kevin R.	-0.06	
King, Jennifer	1.88	
Kobrinetz, Joaquin J.	-1.75	
Kraemer, Vernon	0.99	
Lonsway, Chris	-0.30	
Lopez, Frank	1.80	
Lowsky, John	-0.14	
May, Marianne	-0.22	
Potocar, William P	1.15	
Rodriguez, Jesus (Jesse)	0.19	
Sanchez, Arthur	-0.22	
Trevino, Bobby	0.67	
Veiga, Victor	0.51	
Viera, Ralph B.	0.27	
Zalewski, John	0.67	
MAXIMUM	1.88	
MINIMUM	-0.06	
RANGE(MAX-MIN)	1.934	
MEAN	0.000	
STANDARD DEVIATION	1.000	
N SIZE	27.000	

## LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Part ID= VVCALL - CAL RC BFL VARN L

Rated Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	AVERAG	
Adams, Patrick	8.98	
Aguirre, Nancy P	9.27	
Barrera, Tony	9.38	
Cales, Jonathon	9.01	
Campbell, Bryan	9.02	
Caproni, David	9.10	
Castillo, George	9.36	
Cumberworth, Lee	9.24	
DeCapite, Vanessa	9.22	
Foecking, Brian	9.18	
Greenland, Paul	9.50	
Hills, Barry	9.55	
Hurst, Kevin R.	9.44	
King, Jennifer	9.77	
Kobrinetz, Joaquin J.	9.16	
Kraemer, Vernon	9.68	
Lam, Eddie	9.00	
Lonsway, Chris	9.03	
Lopez, Frank	9.38	
Lowsky, John	9.29	
May, Marianne	9.48	
Potocar, William P	9.12	
Rodriguez, Jesus (Jesse)	9.20	
Sanchez, Arthur	9.30	
Trevino, Bobby	9.30	
Veiga, Victor	9.20	
Viera, Ralph B.	9.07	
Zalewski, John	9.74	
MAXIMUM	9.77	
MINIMUM	8.98	
RANGE(MAX-MIN)	0.790	
MEAN	9.285	
STANDARD DEVIATION	0.223	
N SIZE	28.000	

## LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Part ID= VVCALL - CAL RC BFL VARN L

VVCALL Yi Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	AVERAG	
Adams, Patrick	-1.37	
Aguirre, Nancy P	-0.07	
Barrera, Tony	0.43	
Cales, Jonathon	-1.23	
Campbell, Bryan	-1.19	
Caproni, David	-0.83	
Castillo, George	0.34	
Cumberworth, Lee	-0.20	
DeCapite, Vanessa	-0.29	
Foecking, Brian	-0.47	
Greenland, Paul	0.97	
Hills, Barry	1.19	
Hurst, Kevin R.	0.70	
King, Jennifer	2.18	
Kobrinetz, Joaquin J.	-0.56	
Kraemer, Vernon	1.77	
Lam, Eddie	-1.28	
Lonsway, Chris	-1.14	
Lopez, Frank	0.43	
Lowsky, John	0.02	
May, Marianne	0.88	
Potocar, William P	-0.74	
Rodriguez, Jesus (Jesse)	-0.38	
Sanchez, Arthur	0.07	
Trevino, Bobby	0.07	
Veiga, Victor	-0.38	
Viera, Ralph B.	-0.96	
Zalewski, John	2.04	
MAXIMUM	2.18	
MINIMUM	0.02	
RANGE(MAX-MIN)	2.154	
MEAN	0.000	
STANDARD DEVIATION	1.000	
N SIZE	28.000	

## LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Part ID= VVICALR - CAL RC BFL VARN R

Rated Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	AVERAG	
Adams, Patrick	9.68	
Aguirre, Nancy P	9.44	
Barrera, Tony	9.43	
Cales, Jonathon	9.18	
Campbell, Bryan	9.26	
Caproni, David	9.20	
Castillo, George	9.32	
Cumberworth, Lee	9.34	
DeCapite, Vanessa	9.37	
Foecking, Brian	9.24	
Greenland, Paul	9.62	
Hills, Barry	9.55	
Hurst, Kevin R.	9.39	
King, Jennifer	9.77	
Kobrinetz, Joaquin J.	9.38	
Kraemer, Vernon	9.70	
Lonsway, Chris	9.41	
Lopez, Frank	9.45	
Lowsky, John	9.25	
May, Marianne	9.44	
Potocar, William P	9.23	
Rodriguez, Jesus (Jesse)	9.18	
Sanchez, Arthur	9.29	
Trevino, Bobby	9.42	
Veiga, Victor	9.14	
Viera, Ralph B.	9.06	
Zalewski, John	9.73	
MAXIMUM	9.77	
MINIMUM	9.06	
RANGE(MAX-MIN)	0.710	
MEAN	9.388	
STANDARD DEVIATION	0.189	
N SIZE	27.000	

# LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Part ID= VVICALR - CAL RC BFL VARN R

VVICALR Yi Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	AVERAG	
Adams, Patrick	1.55	
Aguirre, Nancy P	0.28	
Barrera, Tony	0.22	
Cales, Jonathon	-1.10	
Campbell, Bryan	-0.68	
Caproni, David	-0.99	
Castillo, George	-0.36	
Cumberworth, Lee	-0.25	
DeCapite, Vanessa	-0.09	
Foecking, Brian	-0.78	
Greenland, Paul	1.23	
Hills, Barry	0.86	
Hurst, Kevin R.	0.01	
King, Jennifer	2.02	
Kobrinetz, Joaquin J.	-0.04	
Kraemer, Vernon	1.65	
Lonsway, Chris	0.12	
Lopez, Frank	0.33	
Lowsky, John	-0.73	
May, Marianne	0.28	
Potocar, William P	-0.84	
Rodriguez, Jesus (Jesse)	-1.10	
Sanchez, Arthur	-0.52	
Trevino, Bobby	0.17	
Veiga, Victor	-1.31	
Viera, Ralph B.	-1.73	
Zalewski, John	1.81	
MAXIMUM	2.02	
MINIMUM	0.01	
RANGE(MAX-MIN)	2.011	
MEAN	0.000	
STANDARD DEVIATION	1.000	
N SIZE	27.000	

## LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Part ID= A1 - SEQUENCE III

Rated Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCTOT	THTOT	ATTOT
Aguirre, Nancy P	2.66	0.89	9.69	1.54	3.47	2.47	9.93	9.94
Arrizon, Richard	1.60	0.83	9.88	1.54	3.32	2.35	9.90	9.90
Campbell, Bryan	3.46	1.28	9.50	1.49	3.51	2.12	9.71	9.72
Cumberworth, Lee	2.58	0.80	9.91	1.01	2.98	1.74	9.80	9.95
Fujita, Hirokazu	1.88	0.95	9.72	1.52	3.05	2.30	9.90	9.90
Hurst, Kevin R.	2.21	0.79	9.89	1.51	2.64	1.93	9.90	9.90
Kraemer, Vernon	2.65	0.88	9.72	2.04	4.03	2.33	9.75	9.80
Lopez, Frank	2.13	0.84	9.90	1.42	3.36	1.65	9.80	9.90
Ramirez, Ray	2.01	0.14	9.64	0.74	1.51	1.70	8.76	9.63
Trevino, Bobby	2.50	0.93	9.81	1.17	3.43	2.56	9.88	9.92
Veiga, Victor	2.20	0.85	9.88	1.51	3.19	2.60	9.90	9.90
MAXIMUM	3.46	1.28	9.91	2.04	4.03	2.60	9.93	9.95
MINIMUM	1.60	0.14	9.50	0.74	1.51	1.65	8.76	9.63
RANGE(MAX-MIN)	1.860	1.140	0.410	1.300	2.520	0.950	1.170	0.320
MEAN	2.353	0.835	9.776	1.408	3.135	2.159	9.748	9.860
STANDARD DEVIATION	0.498	0.267	0.133	0.337	0.644	0.352	0.336	0.101
N SIZE	11.000							

Part ID= A1 - SEQUENCE III

A1 Y1 Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCTOT	THTOT	ATTOT
Aguirre, Nancy P	0.62	0.21	-0.65	0.39	0.52	0.88	0.54	0.79
Arrizon, Richard	-1.51	-0.02	0.78	0.39	0.29	0.54	0.45	0.40
Campbell, Bryan	2.22	1.67	-2.07	0.24	0.58	-0.11	-0.11	-1.38
Cumberworth, Lee	0.46	-0.13	1.00	-1.18	-0.24	-1.19	0.15	0.89
Fujita, Hirokazu	-0.95	0.43	-0.42	0.33	-0.13	0.40	0.45	0.40
Hurst, Kevin R.	-0.29	-0.17	0.85	0.30	-0.77	-0.65	0.45	0.40
Kraemer, Vernon	0.60	0.17	-0.42	1.87	1.39	0.49	0.01	-0.59
Lopez, Frank	-0.45	0.02	0.93	0.04	0.35	-1.45	0.15	0.40
Ramirez, Ray	-0.69	-2.60	-1.02	-1.98	-2.52	-1.31	-2.94	-2.28
Trevino, Bobby	0.30	0.36	0.25	-0.71	0.46	1.14	0.39	0.59
Veiga, Victor	-0.31	0.06	0.78	0.30	0.08	1.25	0.45	0.40
MAXIMUM	2.22	-2.60	-2.07	-1.98	-2.52	-1.45	-2.94	-2.28
MINIMUM	-0.29	-0.02	0.25	0.04	0.08	-0.11	0.01	0.40
RANGE(MAX-MIN)	2.509	-2.586	-2.327	-2.018	-2.609	-1.336	-2.950	-2.671
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
N SIZE	11.000							



## LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Part ID= A1 - SEQUENCE III

Rated Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCTOT	THTOT	ATTOT
Aguirre, Nancy P	2.66	0.89	9.69	1.54	3.47	2.47	9.93	9.94
Arrizon, Richard	1.60	0.83	9.88	1.54	3.32	2.35	9.90	9.90
Campbell, Bryan	3.46	1.28	9.50	1.49	3.51	2.12	9.71	9.72
Cumberworth, Lee	2.58	0.80	9.91	1.01	2.98	1.74	9.80	9.95
Fujita, Hirokazu	1.88	0.95	9.72	1.52	3.05	2.30	9.90	9.90
Hurst, Kevin R.	2.21	0.79	9.89	1.51	2.64	1.93	9.90	9.90
Kraemer, Vernon	2.65	0.88	9.72	2.04	4.03	2.33	9.75	9.80
Lopez, Frank	2.13	0.84	9.90	1.42	3.36	1.65	9.80	9.90
Trevino, Bobby	2.50	0.93	9.81	1.17	3.43	2.56	9.88	9.92
Veiga, Victor	2.20	0.85	9.88	1.51	3.19	2.60	9.90	9.90
MAXIMUM	3.46	1.28	9.91	2.04	4.03	2.60	9.93	9.95
MINIMUM	1.60	0.79	9.50	1.01	2.64	1.65	9.71	9.72
RANGE(MAX-MIN)	1.860	0.490	0.410	1.030	1.390	0.950	0.220	0.230
MEAN	2.387	0.904	9.790	1.475	3.298	2.205	9.847	9.883
STANDARD DEVIATION	0.511	0.142	0.132	0.268	0.371	0.334	0.076	0.070
N SIZE	10.000							

Part ID= A1 - SEQUENCE III

A1 Y1 Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCTOT	THTOT	ATTOT
Aguirre, Nancy P	0.53	-0.10	-0.76	0.24	0.46	0.79	1.09	0.82
Arrizon, Richard	-1.54	-0.52	0.68	0.24	0.06	0.43	0.70	0.24
Campbell, Bryan	2.10	2.65	-2.20	0.06	0.57	-0.25	-1.81	-2.33
Cumberworth, Lee	0.38	-0.73	0.91	-1.74	-0.86	-1.39	-0.62	0.96
Fujita, Hirokazu	-0.99	0.32	-0.53	0.17	-0.67	0.28	0.70	0.24
Hurst, Kevin R.	-0.35	-0.80	0.76	0.13	-1.77	-0.82	0.70	0.24
Kraemer, Vernon	0.51	-0.17	-0.53	2.11	1.97	0.37	-1.28	-1.19
Lopez, Frank	-0.50	-0.45	0.83	-0.21	0.17	-1.66	-0.62	0.24
Trevino, Bobby	0.22	0.18	0.15	-1.14	0.36	1.06	0.43	0.53
Veiga, Victor	-0.37	-0.38	0.68	0.13	-0.29	1.18	0.70	0.24
MAXIMUM	2.10	2.65	-2.20	2.11	1.97	-1.66	-1.81	-2.33
MINIMUM	0.22	-0.10	0.15	0.06	0.06	-0.25	0.43	0.24
RANGE(MAX-MIN)	1.877	2.748	-2.347	2.055	1.913	-1.406	-2.241	-2.574
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
N SIZE	10.000							

## LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Part ID= A2 - SEQUENCE III

Rated Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCTOT	THIOT	ATTOT
Arrizon, Richard	2.46	0.72	8.95	0.89	2.98	1.67	9.72	9.90
Campbell, Bryan	3.10	0.67	8.60	0.75	2.75	1.61	9.36	9.54
Cumberworth, Lee	2.40	0.74	8.79	0.93	2.41	1.49	9.82	9.90
Fujita, Hirokazu	2.65	0.68	8.45	0.87	2.78	2.00	9.76	9.90
Hurst, Kevin R.	3.26	0.66	8.68	1.01	2.19	1.68	9.88	9.90
Kraemer, Vernon	3.40	0.65	8.91	1.23	3.11	2.05	9.70	9.94
Lopez, Frank	2.97	0.59	9.10	0.84	3.15	1.36	9.75	9.90
May, Marianne	1.90	0.65	9.27	0.71	3.38	1.78	9.76	9.90
Ramirez, Ray	3.37	0.44	8.21	0.39	2.82	1.95	8.99	9.82
Veiga, Victor	2.18	0.69	8.97	0.76	3.17	2.18	9.78	9.90
MAXIMUM	3.40	0.74	9.27	1.23	3.38	2.18	9.88	9.94
MINIMUM	1.90	0.44	8.21	0.39	2.19	1.36	8.99	9.54
RANGE(MAX-MIN)	1.500	0.300	1.060	0.840	1.190	0.820	0.890	0.400
MEAN	2.769	0.649	8.793	0.838	2.874	1.777	9.652	9.860
STANDARD DEVIATION	0.527	0.084	0.316	0.218	0.365	0.263	0.271	0.116
N SIZE	10.000							

Part ID= A2 - SEQUENCE III

A2 YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCTOT	THIOT	ATTOT
Arrizon, Richard	-0.59	0.84	0.50	0.24	0.29	-0.41	0.25	0.34
Campbell, Bryan	0.63	0.25	-0.61	-0.40	-0.34	-0.64	-1.08	-2.75
Cumberworth, Lee	-0.70	1.08	-0.01	0.42	-1.27	-1.09	0.62	0.34
Fujita, Hirokazu	-0.23	0.37	-1.09	0.15	-0.26	0.85	0.40	0.34
Hurst, Kevin R.	0.93	0.13	-0.36	0.79	-1.88	-0.37	0.84	0.34
Kraemer, Vernon	1.20	0.01	0.37	1.80	0.65	1.04	0.18	0.69
Lopez, Frank	0.38	-0.70	0.97	0.01	0.76	-1.59	0.36	0.34
May, Marianne	-1.65	0.01	1.51	-0.59	1.39	0.01	0.40	0.34
Ramirez, Ray	1.14	-2.48	-1.84	-2.06	-0.15	0.66	-2.44	-0.34
Veiga, Victor	-1.12	0.49	0.56	-0.36	0.81	1.53	0.47	0.34
MAXIMUM	-1.65	-2.48	-1.84	-2.06	-1.88	-1.59	-2.44	-2.75
MINIMUM	-0.23	0.01	-0.01	0.01	-0.15	0.01	0.18	0.34
RANGE(MAX-MIN)	-1.424	-2.496	-1.835	-2.068	-1.727	-1.598	-2.622	-3.097
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
N SIZE	10.000							

## LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Part ID= A2 - SEQUENCE III

Rated Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCTOT	THIOT	ATTOT
Arrizon, Richard	2.46	0.72	8.95	0.89	2.98	1.67	9.72	9.90
Cumberworth, Lee	2.40	0.74	8.79	0.93	2.41	1.49	9.82	9.90
Fujita, Hirokazu	2.65	0.68	8.45	0.87	2.78	2.00	9.76	9.90
Hurst, Kevin R.	3.26	0.66	8.68	1.01	2.19	1.68	9.88	9.90
Kraemer, Vernon	3.40	0.65	8.91	1.23	3.11	2.05	9.70	9.94
Lopez, Frank	2.97	0.59	9.10	0.84	3.15	1.36	9.75	9.90
May, Marianne	1.90	0.65	9.27	0.71	3.38	1.78	9.76	9.90
Ramirez, Ray	3.37	0.44	8.21	0.39	2.82	1.95	8.99	9.82
Veiga, Victor	2.18	0.69	8.97	0.76	3.17	2.18	9.78	9.90
MAXIMUM	3.40	0.74	9.27	1.23	3.38	2.18	9.88	9.94
MINIMUM	1.90	0.44	8.21	0.39	2.19	1.36	8.99	9.82
RANGE(MAX-MIN)	1.500	0.300	1.060	0.840	1.190	0.820	0.890	0.120
MEAN	2.732	0.647	8.814	0.848	2.888	1.796	9.684	9.896
STANDARD DEVIATION	0.545	0.089	0.327	0.229	0.384	0.272	0.266	0.031
N SIZE	9.000							

Part ID= A2 - SEQUENCE III

A2 YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCTOT	THIOT	ATTOT
Arrizon, Richard	-0.50	0.83	0.41	0.18	0.24	-0.46	0.13	0.14
Cumberworth, Lee	-0.61	1.05	-0.07	0.36	-1.24	-1.12	0.51	0.14
Fujita, Hirokazu	-0.15	0.38	-1.11	0.10	-0.28	0.75	0.28	0.14
Hurst, Kevin R.	0.97	0.15	-0.41	0.71	-1.82	-0.43	0.74	0.14
Kraemer, Vernon	1.23	0.04	0.29	1.67	0.58	0.94	0.06	1.42
Lopez, Frank	0.44	-0.64	0.87	-0.03	0.68	-1.60	0.25	0.14
May, Marianne	-1.53	0.04	1.39	-0.60	1.28	-0.06	0.28	0.14
Ramirez, Ray	1.17	-2.33	-1.85	-2.00	-0.18	0.57	-2.61	-2.42
Veiga, Victor	-1.01	0.49	0.48	-0.38	0.73	1.41	0.36	0.14
MAXIMUM	-1.53	-2.33	-1.85	-2.00	-1.82	-1.60	-2.61	-2.42
MINIMUM	-0.15	0.04	-0.07	-0.03	-0.18	-0.06	0.06	0.14
RANGE(MAX-MIN)	-1.376	-2.363	-1.771	-1.969	-1.640	-1.546	-2.671	-2.558
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
N SIZE	9.000							

## LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Part ID= A3 - SEQUENCE III

Rated Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCTOT	THTOT	ATTOT
Arrizon, Richard	3.52	0.83	9.86	0.91	3.39	8.63	9.90	9.90
Campbell, Bryan	4.85	0.86	9.42	0.94	3.14	8.15	9.71	9.74
Cumberworth, Lee	4.43	0.86	9.83	0.83	3.18	8.27	9.98	10.00
Fujita, Hirokazu	3.67	0.79	9.69	0.87	3.24	8.39	9.90	9.90
Hurst, Kevin R.	4.39	0.80	9.89	0.89	2.56	8.41	9.90	9.90
Kraemer, Vernon	5.47	0.80	9.72	1.01	3.32	8.22	9.90	9.90
Lopez, Frank	5.37	0.81	9.90	0.91	4.28	8.94	9.80	9.90
Ramirez, Ray	4.54	0.21	9.44	0.28	2.66	8.73	9.68	9.81
Veiga, Victor	4.14	0.83	9.74	0.77	2.19	7.31	9.90	9.90
MAXIMUM	5.47	0.86	9.90	1.01	4.28	8.94	9.98	10.00
MINIMUM	3.52	0.21	9.42	0.28	2.19	7.31	9.68	9.74
RANGE(MAX-MIN)	1.950	0.650	0.480	0.730	2.090	1.630	0.300	0.260
MEAN	4.487	0.754	9.721	0.823	3.107	8.339	9.852	9.883
STANDARD DEVIATION	0.672	0.206	0.181	0.215	0.598	0.464	0.100	0.072
N SIZE	9.000							

Part ID= A3 - SEQUENCE III

A3 YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCTOT	THTOT	ATTOT
Arrizon, Richard	-1.44	0.37	0.77	0.40	0.47	0.63	0.48	0.23
Campbell, Bryan	0.54	0.51	-1.66	0.54	0.06	-0.41	-1.42	-2.00
Cumberworth, Lee	-0.08	0.51	0.60	0.03	0.12	-0.15	1.27	1.63
Fujita, Hirokazu	-1.21	0.17	-0.17	0.22	0.22	0.11	0.48	0.23
Hurst, Kevin R.	-0.14	0.22	0.93	0.31	-0.91	0.15	0.48	0.23
Kraemer, Vernon	1.46	0.22	-0.01	0.87	0.36	-0.26	0.48	0.23
Lopez, Frank	1.31	0.27	0.99	0.40	1.96	1.30	-0.52	0.23
Ramirez, Ray	0.08	-2.65	-1.55	-2.53	-0.75	0.84	-1.72	-1.02
Veiga, Victor	-0.52	0.37	0.10	-0.25	-1.53	-2.22	0.48	0.23
MAXIMUM	1.46	-2.65	-1.66	-2.53	1.96	-2.22	-1.72	-2.00
MINIMUM	0.08	0.17	-0.01	0.03	0.06	0.11	0.48	0.23
RANGE(MAX-MIN)	1.383	-2.819	-1.656	-2.564	1.905	-2.329	-2.195	-2.230
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
N SIZE	9.000							

## LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Part ID= A3 - SEQUENCE III

Rated Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCTOT	THTOT	ATTOT
Arrizon, Richard	3.52	0.83	9.86	0.91	3.39	8.63	9.90	9.90
Campbell, Bryan	4.85	0.86	9.42	0.94	3.14	8.15	9.71	9.74
Cumberworth, Lee	4.43	0.86	9.83	0.83	3.18	8.27	9.98	10.00
Fujita, Hirokazu	3.67	0.79	9.69	0.87	3.24	8.39	9.90	9.90
Hurst, Kevin R.	4.39	0.80	9.89	0.89	2.56	8.41	9.90	9.90
Kraemer, Vernon	5.47	0.80	9.72	1.01	3.32	8.22	9.90	9.90
Lopez, Frank	5.37	0.81	9.90	0.91	4.28	8.94	9.80	9.90
Veiga, Victor	4.14	0.83	9.74	0.77	2.19	7.31	9.90	9.90
MAXIMUM	5.47	0.86	9.90	1.01	4.28	8.94	9.98	10.00
MINIMUM	3.52	0.79	9.42	0.77	2.19	7.31	9.71	9.74
RANGE(MAX-MIN)	1.950	0.070	0.480	0.240	2.090	1.630	0.270	0.260
MEAN	4.480	0.823	9.756	0.891	3.163	8.290	9.874	9.893
STANDARD DEVIATION	0.718	0.027	0.158	0.072	0.614	0.470	0.082	0.071
N SIZE	8.000							

Part ID= A3 - SEQUENCE III

A3 Y1 Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCTOT	THTOT	ATTOT
Arrizon, Richard	-1.34	0.28	0.66	0.26	0.37	0.72	0.32	0.11
Campbell, Bryan	0.52	1.38	-2.13	0.68	-0.04	-0.30	-2.00	-2.15
Cumberworth, Lee	-0.07	1.38	0.47	-0.85	0.03	-0.04	1.30	1.52
Fujita, Hirokazu	-1.13	-1.20	-0.42	-0.30	0.13	0.21	0.32	0.11
Hurst, Kevin R.	-0.13	-0.83	0.85	-0.02	-0.98	0.26	0.32	0.11
Kraemer, Vernon	1.38	-0.83	-0.23	1.65	0.26	-0.15	0.32	0.11
Lopez, Frank	1.24	-0.46	0.91	0.26	1.82	1.38	-0.90	0.11
Veiga, Victor	-0.47	0.28	-0.10	-1.69	-1.58	-2.08	0.32	0.11
MAXIMUM	1.38	1.38	-2.13	-1.69	1.82	-2.08	-2.00	-2.15
MINIMUM	-0.07	0.28	-0.10	-0.02	0.03	-0.04	0.32	0.11
RANGE(MAX-MIN)	1.448	1.106	-2.031	-1.671	1.791	-2.042	-2.319	-2.258
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
N SIZE	8.000							

## LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Part ID= A4 - SEQUENCE III

Rated Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCTOT	THTOT	ATTOT
Arrizon, Richard	0.75	0.74	9.66	0.84	3.51	7.03	9.84	9.90
Campbell, Bryan	0.75	0.76	9.58	1.07	3.87	6.71	9.43	9.55
Cumberworth, Lee	0.75	0.75	9.85	0.85	3.87	7.29	9.92	10.00
Fujita, Hirokazu	0.75	0.75	9.30	0.80	3.48	7.60	9.72	9.90
Hurst, Kevin R.	0.67	0.74	9.82	0.98	3.24	7.36	9.76	9.90
Kraemer, Vernon	0.71	0.75	9.85	1.36	3.98	6.70	9.85	10.00
Lopez, Frank	0.74	0.75	9.81	1.11	4.25	8.20	9.56	9.90
May, Marianne	0.75	0.75	9.80	0.73	4.12	7.15	9.75	10.00
Ramirez, Ray	0.00	0.00	9.56	0.28	3.67	7.05	9.81	9.90
Veiga, Victor	0.75	0.75	9.78	0.89	4.30	7.05	9.82	9.90
MAXIMUM	0.75	0.76	9.85	1.36	4.30	8.20	9.92	10.00
MINIMUM	0.00	0.00	9.30	0.28	3.24	6.70	9.43	9.55
RANGE(MAX-MIN)	0.750	0.760	0.550	1.080	1.060	1.500	0.490	0.450
MEAN	0.662	0.674	9.701	0.891	3.829	7.214	9.746	9.895
STANDARD DEVIATION	0.234	0.237	0.177	0.283	0.351	0.442	0.147	0.130
N SIZE	10.000							

Part ID= A4 - SEQUENCE III

A4 YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCTOT	THTOT	ATTOT
Arrizon, Richard	0.38	0.28	-0.23	-0.18	-0.91	-0.42	0.64	0.04
Campbell, Bryan	0.38	0.36	-0.68	0.63	0.12	-1.14	-2.15	-2.65
Cumberworth, Lee	0.38	0.32	0.84	-0.15	0.12	0.17	1.18	0.81
Fujita, Hirokazu	0.38	0.32	-2.26	-0.32	-1.00	0.87	-0.18	0.04
Hurst, Kevin R.	0.03	0.28	0.67	0.31	-1.68	0.33	0.10	0.04
Kraemer, Vernon	0.21	0.32	0.84	1.66	0.43	-1.16	0.71	0.81
Lopez, Frank	0.33	0.32	0.61	0.77	1.20	2.23	-1.26	0.04
May, Marianne	0.38	0.32	0.56	-0.57	0.83	-0.14	0.03	0.81
Ramirez, Ray	-2.83	-2.85	-0.79	-2.16	-0.45	-0.37	0.44	0.04
Veiga, Victor	0.38	0.32	0.45	0.00	1.34	-0.37	0.50	0.04
MAXIMUM	-2.83	-2.85	-2.26	-2.16	-1.68	2.23	-2.15	-2.65
MINIMUM	0.03	0.28	-0.23	0.00	0.12	-0.14	0.03	0.04
RANGE(MAX-MIN)	-2.862	-3.124	-2.028	-2.157	-1.797	2.376	-2.175	-2.691
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
N SIZE	10.000							

## LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Part ID= A4 - SEQUENCE III

Rated Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCTOT	THTOT	ATTOT
Arrizon, Richard	0.75	0.74	9.66	0.84	3.51	7.03	9.84	9.90
Cumberworth, Lee	0.75	0.75	9.85	0.85	3.87	7.29	9.92	10.00
Fujita, Hirokazu	0.75	0.75	9.30	0.80	3.48	7.60	9.72	9.90
Hurst, Kevin R.	0.67	0.74	9.82	0.98	3.24	7.36	9.76	9.90
Kraemer, Vernon	0.71	0.75	9.85	1.36	3.98	6.70	9.85	10.00
Lopez, Frank	0.74	0.75	9.81	1.11	4.25	8.20	9.56	9.90
May, Marianne	0.75	0.75	9.80	0.73	4.12	7.15	9.75	10.00
Veiga, Victor	0.75	0.75	9.78	0.89	4.30	7.05	9.82	9.90
MAXIMUM	0.75	0.75	9.85	1.36	4.30	8.20	9.92	10.00
MINIMUM	0.67	0.74	9.30	0.73	3.24	6.70	9.56	9.90
RANGE(MAX-MIN)	0.080	0.010	0.550	0.630	1.060	1.500	0.360	0.100
MEAN	0.734	0.748	9.734	0.945	3.844	7.298	9.778	9.938
STANDARD DEVIATION	0.029	0.005	0.185	0.204	0.392	0.451	0.109	0.052
N SIZE	8.000							

Part ID= A4 - SEQUENCE III

A4 Y1 Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCTOT	THTOT	ATTOT
Arrizon, Richard	0.56	-1.62	-0.40	-0.52	-0.85	-0.59	0.57	-0.72
Cumberworth, Lee	0.56	0.54	0.63	-0.47	0.07	-0.02	1.31	1.21
Fujita, Hirokazu	0.56	0.54	-2.34	-0.71	-0.93	0.67	-0.53	-0.72
Hurst, Kevin R.	-2.18	-1.62	0.47	0.17	-1.54	0.14	-0.16	-0.72
Kraemer, Vernon	-0.81	0.54	0.63	2.04	0.35	-1.33	0.67	1.21
Lopez, Frank	0.21	0.54	0.41	0.81	1.04	2.00	-2.00	-0.72
May, Marianne	0.56	0.54	0.36	-1.05	0.70	-0.33	-0.25	1.21
Veiga, Victor	0.56	0.54	0.25	-0.27	1.16	-0.55	0.39	-0.72
MAXIMUM	-2.18	-1.62	-2.34	2.04	-1.54	2.00	-2.00	1.21
MINIMUM	0.21	0.54	0.25	0.17	0.07	-0.02	-0.16	-0.72
RANGE(MAX-MIN)	-2.393	-2.160	-2.590	1.864	-1.606	2.019	-1.837	1.932
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
N SIZE	8.000							

## LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Part ID= A5 - SQUARE CUT DIESEL

Rated Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	G4TOT	L2TOT	L3TOT	L4TOT
Campbell, Bryan	0.91	8.74	9.60	9.62	5.80	8.71	9.13
Cumberworth, Lee	1.00	8.79	9.98	9.91	7.16	9.34	9.47
Fujita, Hirokazu	0.77	8.03	9.89	9.78	5.81	9.13	9.78
Hurst, Kevin R.	0.93	9.19	9.85	9.83	6.54	9.44	9.61
Lopez, Frank	0.93	9.19	9.90	9.90	6.73	9.48	9.70
Ramirez, Ray	0.83	8.93	9.90	9.90	5.87	9.47	9.61
Veiga, Victor	0.93	9.36	9.90	9.75	7.34	9.25	9.87
MAXIMUM	1.00	9.36	9.98	9.91	7.34	9.48	9.87
MINIMUM	0.77	8.03	9.60	9.62	5.80	8.71	9.13
RANGE(MAX-MIN)	0.230	1.330	0.380	0.290	1.540	0.770	0.740
MEAN	0.900	8.890	9.860	9.813	6.464	9.260	9.596
STANDARD DEVIATION	0.076	0.442	0.121	0.106	0.652	0.274	0.243
N SIZE	7.000						

Part ID= A5 - SQUARE CUT DIESEL

A5 YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	G4TOT	L2TOT	L3TOT	L4TOT
Campbell, Bryan	0.13	-0.34	-2.15	-1.82	-1.02	-2.01	-1.92
Cumberworth, Lee	1.32	-0.23	0.99	0.92	1.07	0.29	-0.52
Fujita, Hirokazu	-1.71	-1.94	0.25	-0.31	-1.00	-0.47	0.76
Hurst, Kevin R.	0.40	0.68	-0.08	0.16	0.12	0.66	0.06
Lopez, Frank	0.40	0.68	0.33	0.82	0.41	0.80	0.43
Ramirez, Ray	-0.92	0.09	0.33	0.82	-0.91	0.77	0.06
Veiga, Victor	0.40	1.06	0.33	-0.59	1.34	-0.04	1.13
MAXIMUM	-1.71	-1.94	-2.15	-1.82	1.34	-2.01	-1.92
MINIMUM	0.13	0.09	-0.08	0.16	0.12	-0.04	0.06
RANGE(MAX-MIN)	-1.844	-2.034	-2.067	-1.985	1.227	-1.970	-1.979
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000	1.000	1.000
N SIZE	7.000						



## LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Part ID= A6 - SEQUENCE III

Rated Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCTOT	THTOT	ATTOT
Arrizon, Richard	1.13	0.87	6.12	1.08	3.37	4.85	9.84	9.90
Campbell, Bryan	1.97	1.38	6.56	1.31	4.93	5.63	9.41	9.82
Cumberworth, Lee	1.43	0.87	6.15	1.04	4.45	5.18	9.91	9.99
Fujita, Hirokazu	1.07	0.93	5.92	1.31	3.59	4.95	9.56	9.80
Grundza, Richard	1.33	1.27	5.33	1.60	4.85	5.00	9.60	9.80
Hurst, Kevin R.	1.14	0.98	5.63	1.50	3.69	4.86	9.89	9.90
Kraemer, Vernon	2.27	1.29	5.86	2.00	3.89	5.59	9.64	9.85
Lopez, Frank	0.87	0.97	5.50	0.99	5.08	5.44	9.70	9.90
May, Marianne	0.94	0.97	6.31	1.22	3.98	5.51	9.70	9.98
Ramirez, Ray	2.13	0.89	6.25	1.12	3.63	5.30	9.63	9.85
Veiga, Victor	1.09	0.95	6.15	1.26	5.04	5.90	9.68	9.83
MAXIMUM	2.27	1.38	6.56	2.00	5.08	5.90	9.91	9.99
MINIMUM	0.87	0.87	5.33	0.99	3.37	4.85	9.41	9.80
RANGE(MAX-MIN)	1.400	0.510	1.230	1.010	1.710	1.050	0.500	0.190
MEAN	1.397	1.034	5.980	1.312	4.227	5.292	9.687	9.875
STANDARD DEVIATION	0.496	0.186	0.373	0.295	0.654	0.352	0.149	0.066
N SIZE	11.000							

Part ID= A6 - SEQUENCE III

A6 Y1 Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCTOT	THTOT	ATTOT
Arrizon, Richard	-0.54	-0.88	0.38	-0.79	-1.31	-1.26	1.03	0.39
Campbell, Bryan	1.16	1.87	1.56	-0.01	1.07	0.96	-1.87	-0.83
Cumberworth, Lee	0.07	-0.88	0.46	-0.92	0.34	-0.32	1.50	1.75
Fujita, Hirokazu	-0.66	-0.56	-0.16	-0.01	-0.97	-0.97	-0.86	-1.13
Grundza, Richard	-0.14	1.27	-1.74	0.98	0.95	-0.83	-0.59	-1.13
Hurst, Kevin R.	-0.52	-0.29	-0.94	0.64	-0.82	-1.23	1.36	0.39
Kraemer, Vernon	1.76	1.38	-0.32	2.33	-0.52	0.85	-0.32	-0.37
Lopez, Frank	-1.06	-0.34	-1.29	-1.09	1.30	0.42	0.09	0.39
May, Marianne	-0.92	-0.34	0.89	-0.31	-0.38	0.62	0.09	1.60
Ramirez, Ray	1.48	-0.77	0.72	-0.65	-0.91	0.02	-0.39	-0.37
Veiga, Victor	-0.62	-0.45	0.46	-0.18	1.24	1.73	-0.05	-0.67
MAXIMUM	1.76	1.87	-1.74	2.33	-1.31	1.73	-1.87	1.75
MINIMUM	0.07	-0.29	-0.16	-0.01	0.34	0.02	-0.05	-0.37
RANGE(MAX-MIN)	1.694	2.155	-1.583	2.338	-1.651	1.705	-1.818	2.119
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
N SIZE	11.000							

## LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Part ID= A7 - SQUARE CUT DIESEL

Rated Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	G4TOT	L2TOT	L3TOT	L4TOT
Campbell, Bryan	0.58	7.22	9.75	9.89	2.57	9.66	9.85
Cumberworth, Lee	1.02	7.23	10.00	9.92	1.86	9.98	10.00
Hurst, Kevin R.	0.42	6.40	9.85	9.85	2.15	9.85	9.85
Lopez, Frank	0.51	6.92	9.90	9.90	1.65	9.90	9.90
Ramirez, Ray	0.34	6.60	9.90	9.90	1.58	9.90	9.90
Veiga, Victor	0.58	7.60	9.90	9.90	1.97	9.90	9.90
Zalewski, John	0.61	7.24	9.90	9.90	2.05	9.90	9.90
MAXIMUM	1.02	7.60	10.00	9.92	2.57	9.98	10.00
MINIMUM	0.34	6.40	9.75	9.85	1.58	9.66	9.85
RANGE(MAX-MIN)	0.680	1.200	0.250	0.070	0.990	0.320	0.150
MEAN	0.580	7.030	9.886	9.894	1.976	9.870	9.900
STANDARD DEVIATION	0.217	0.416	0.075	0.021	0.333	0.100	0.050
N SIZE	7.000						

Part ID= A7 - SQUARE CUT DIESEL

A7 YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	G4TOT	L2TOT	L3TOT	L4TOT
Campbell, Bryan	0.00	0.46	-1.81	-0.20	1.78	-2.10	-1.00
Cumberworth, Lee	2.03	0.48	1.53	1.20	-0.35	1.10	2.00
Hurst, Kevin R.	-0.74	-1.51	-0.48	-2.06	0.52	-0.20	-1.00
Lopez, Frank	-0.32	-0.26	0.19	0.27	-0.98	0.30	0.00
Ramirez, Ray	-1.11	-1.03	0.19	0.27	-1.19	0.30	0.00
Veiga, Victor	0.00	1.37	0.19	0.27	-0.02	0.30	0.00
Zalewski, John	0.14	0.50	0.19	0.27	0.22	0.30	0.00
MAXIMUM	2.03	-1.51	-1.81	-2.06	1.78	-2.10	2.00
MINIMUM	0.00	-0.26	0.19	-0.20	-0.02	-0.20	0.00
RANGE(MAX-MIN)	2.027	-1.250	-2.005	-1.861	1.802	-1.897	2.000
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000	1.000	1.000
N SIZE	7.000						

## LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Part ID= A8 - FIELD PISTON

Rated Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	FRTOT	RRTOT
Campbell, Bryan	0.37	0.91	3.03	2.26	3.74	6.38	6.65
Hurst, Kevin R.	0.77	0.75	2.38	1.95	3.20	6.10	6.00
Lopez, Frank	0.81	0.72	3.25	3.01	3.10	7.38	6.71
Veiga, Victor	0.71	0.75	2.83	1.88	3.25	6.68	6.32
MAXIMUM	0.81	0.91	3.25	3.01	3.74	7.38	6.71
MINIMUM	0.37	0.72	2.38	1.88	3.10	6.10	6.00
RANGE(MAX-MIN)	0.440	0.190	0.870	1.130	0.640	1.280	0.710
MEAN	0.665	0.783	2.873	2.275	3.323	6.635	6.420
STANDARD DEVIATION	0.201	0.086	0.370	0.517	0.285	0.550	0.328
N SIZE	4.000						

Part ID= A8 - FIELD PISTON

A8 YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	FRTOT	RRTOT
Campbell, Bryan	-1.47	1.48	0.43	-0.03	1.46	-0.46	0.70
Hurst, Kevin R.	0.52	-0.38	-1.33	-0.63	-0.43	-0.97	-1.28
Lopez, Frank	0.72	-0.73	1.02	1.42	-0.78	1.35	0.88
Veiga, Victor	0.22	-0.38	-0.11	-0.76	-0.25	0.08	-0.30
MAXIMUM	-1.47	1.48	-1.33	1.42	1.46	1.35	-1.28
MINIMUM	0.22	-0.38	-0.11	-0.03	-0.25	0.08	-0.30
RANGE(MAX-MIN)	-1.692	1.857	-1.215	1.451	1.718	1.272	-0.975
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000	1.000	1.000
N SIZE	4.000						

## LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Part ID= B1 - SEQUENCE III

Rated Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCTOT	THTOT	ATTOT
Aguirre, Nancy P	4.91	0.75	9.60	1.37	2.64	8.94	9.92	9.93
Barrera, Tony	2.75	0.74	9.79	0.99	2.65	8.48	9.91	9.91
Cales, Jonathon	2.98	0.74	9.85	1.14	3.02	8.35	9.95	9.95
Castillo, George	3.64	0.75	9.85	0.98	2.72	8.94	9.96	9.97
Foecking, Brian	3.05	0.75	9.90	1.37	2.04	8.16	9.93	9.95
Grundza, Richard	3.79	0.75	9.62	1.82	2.67	7.82	9.74	9.80
Hills, Barry	3.07	0.74	9.90	1.08	2.19	9.13	9.90	9.90
Hurst, Kevin R.	2.78	0.75	9.85	1.56	1.96	9.14	9.90	9.90
King, Jennifer	3.15	0.75	9.90	1.64	2.54	9.32	9.83	9.92
Kobrinetz, Joaquin J.	3.10	0.75	9.97	1.10	2.58	9.03	9.95	9.95
Lonsway, Chris	2.47	0.75	9.90	1.39	2.12	8.28	9.90	9.90
Lowsky, John	3.15	0.75	9.74	2.16	3.90	9.08	9.95	10.00
May, Marianne	2.03	0.75	9.94	1.23	2.50	9.08	9.96	10.00
Potocar, William P	2.01	0.74	9.70	0.92	2.19	8.68	9.80	9.90
Sanchez, Arthur	3.62	0.73	9.90	0.87	2.35	9.18	9.70	9.80
Trevino, Bobby	3.96	0.75	9.84	1.06	2.65	8.16	9.89	9.93
Zalewski, John	4.25	0.75	9.87	1.81	2.90	8.61	9.90	9.90
MAXIMUM	4.91	0.75	9.97	2.16	3.90	9.32	9.96	10.00
MINIMUM	2.01	0.73	9.60	0.87	1.96	7.82	9.70	9.80
RANGE(MAX-MIN)	2.900	0.020	0.370	1.290	1.940	1.500	0.260	0.200
MEAN	3.218	0.746	9.831	1.323	2.566	8.728	9.888	9.918
STANDARD DEVIATION	0.755	0.006	0.107	0.368	0.456	0.448	0.077	0.055
N SIZE	17.000							

Part ID= B1 - SEQUENCE III

B1 Y1 Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCTOT	THTOT	ATTOT
Aguirre, Nancy P	2.24	0.58	-2.16	0.13	0.16	0.47	0.42	0.21
Barrera, Tony	-0.62	-1.07	-0.38	-0.90	0.18	-0.55	0.29	-0.15
Cales, Jonathon	-0.32	-1.07	0.18	-0.50	1.00	-0.85	0.81	0.57
Castillo, George	0.56	0.58	0.18	-0.93	0.34	0.47	0.94	0.93
Foecking, Brian	-0.22	0.58	0.65	0.13	-1.15	-1.27	0.55	0.57
Grundza, Richard	0.76	0.58	-1.97	1.35	0.23	-2.03	-1.93	-2.14
Hills, Barry	-0.20	-1.07	0.65	-0.66	-0.82	0.90	0.16	-0.33
Hurst, Kevin R.	-0.58	0.58	0.18	0.64	-1.33	0.92	0.16	-0.33
King, Jennifer	-0.09	0.58	0.65	0.86	-0.06	1.32	-0.75	0.03
Kobrinetz, Joaquin J.	-0.16	0.58	1.30	-0.61	0.03	0.67	0.81	0.57
Lonsway, Chris	-0.99	0.58	0.65	0.18	-0.98	-1.00	0.16	-0.33
Lowsky, John	-0.09	0.58	-0.85	2.27	2.92	0.79	0.81	1.48
May, Marianne	-1.57	0.58	1.02	-0.25	-0.14	0.79	0.94	1.48
Potocar, William P	-1.60	-1.07	-1.22	-1.10	-0.82	-0.11	-1.14	-0.33
Sanchez, Arthur	0.53	-2.72	0.65	-1.23	-0.47	1.01	-2.45	-2.14
Trevino, Bobby	0.98	0.58	0.09	-0.71	0.18	-1.27	0.03	0.21
Zalewski, John	1.37	0.58	0.37	1.32	0.73	-0.26	0.16	-0.33
MAXIMUM	2.24	-2.72	-2.16	2.27	2.92	-2.03	-2.45	-2.14
MINIMUM	-0.09	0.58	0.09	0.13	0.03	-0.11	0.03	0.03
RANGE(MAX-MIN)	2.332	-3.299	-2.246	2.147	2.894	-1.921	-2.478	-2.167
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
N SIZE	17.000							

## LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Part ID= B2 - SEQUENCE III

Rated Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCTOT	THTOT	ATTOT
Aguirre, Nancy P	0.91	0.84	5.26	1.40	3.60	2.79	9.26	9.84
Barrera, Tony	0.92	0.67	5.41	1.16	3.27	2.28	8.99	9.87
Cales, Jonathon	0.79	0.74	4.81	0.97	3.59	2.75	9.00	9.95
Castillo, George	0.90	0.80	5.28	1.15	3.66	2.07	8.95	9.88
Foecking, Brian	0.95	0.75	4.10	1.09	2.84	1.81	9.14	9.89
Hills, Barry	0.88	0.82	5.10	1.25	3.46	1.86	9.63	9.90
Hurst, Kevin R.	0.89	0.74	5.01	1.19	3.01	1.76	9.30	9.85
Lonsway, Chris	0.83	0.75	4.48	1.14	2.65	1.50	9.06	9.90
Lowsky, John	0.75	0.75	5.74	1.76	3.74	2.45	8.85	9.95
May, Marianne	0.78	0.75	4.58	1.04	3.00	1.95	9.21	9.86
Potocar, William P	0.81	0.75	4.43	0.93	2.61	2.20	8.85	9.78
Sanchez, Arthur	0.75	0.78	5.52	0.98	4.44	1.84	9.19	9.70
Trevino, Bobby	0.91	0.75	5.42	0.93	3.89	2.18	9.39	9.87
Zalewski, John	0.88	0.84	5.65	1.44	3.21	3.97	8.80	9.90
MAXIMUM	0.95	0.84	5.74	1.76	4.44	3.97	9.63	9.95
MINIMUM	0.75	0.67	4.10	0.93	2.61	1.50	8.80	9.70
RANGE(MAX-MIN)	0.200	0.170	1.640	0.830	1.830	2.470	0.830	0.250
MEAN	0.854	0.766	5.056	1.174	3.355	2.244	9.116	9.867
STANDARD DEVIATION	0.067	0.046	0.505	0.231	0.513	0.619	0.234	0.065
N SIZE	14.000							

Part ID= B2 - SEQUENCE III

B2 Y1 Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCTOT	THTOT	ATTOT
Aguirre, Nancy P	0.84	1.60	0.40	0.98	0.48	0.88	0.62	-0.42
Barrera, Tony	0.99	-2.10	0.70	-0.06	-0.17	0.06	-0.54	0.04
Cales, Jonathon	-0.95	-0.58	-0.49	-0.88	0.46	0.82	-0.50	1.28
Castillo, George	0.69	0.73	0.44	-0.10	0.59	-0.28	-0.71	0.20
Foecking, Brian	1.44	-0.36	-1.89	-0.36	-1.00	-0.70	0.10	0.35
Hills, Barry	0.39	1.17	0.09	0.33	0.20	-0.62	2.20	0.51
Hurst, Kevin R.	0.54	-0.58	-0.09	0.07	-0.67	-0.78	0.79	-0.27
Lonsway, Chris	-0.35	-0.36	-1.14	-0.15	-1.37	-1.20	-0.24	0.51
Lowsky, John	-1.55	-0.36	1.35	2.53	0.75	0.33	-1.14	1.28
May, Marianne	-1.10	-0.36	-0.94	-0.58	-0.69	-0.47	0.40	-0.11
Potocar, William P	-0.65	-0.36	-1.24	-1.05	-1.45	-0.07	-1.14	-1.35
Sanchez, Arthur	-1.55	0.30	0.92	-0.84	2.11	-0.65	0.32	-2.59
Trevino, Bobby	0.84	-0.36	0.72	-1.05	1.04	-0.10	1.17	0.04
Zalewski, John	0.39	1.60	1.18	1.15	-0.28	2.79	-1.35	0.51
MAXIMUM	-1.55	-2.10	-1.89	2.53	2.11	2.79	2.20	-2.59
MINIMUM	-0.35	0.30	0.09	-0.06	-0.17	0.06	0.10	0.04
RANGE(MAX-MIN)	-1.194	-2.399	-1.981	2.592	2.281	2.729	2.097	-2.631
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
N SIZE	14.000							

## LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Part ID= B3 - SEQUENCE III

Rated Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCTOT	THTOT	ATTOT
Aguirre, Nancy P	3.30	0.75	8.81	0.88	1.03	5.69	9.30	9.62
Cales, Jonathon	1.42	0.73	8.83	0.78	1.23	5.75	9.16	9.66
Castillo, George	1.89	0.86	9.32	0.75	1.15	5.81	9.05	9.46
Foecking, Brian	2.69	0.75	9.63	0.68	0.77	5.35	8.64	9.68
Hills, Barry	1.40	0.75	9.82	0.64	0.96	5.80	9.54	9.81
Hurst, Kevin R.	1.57	0.74	9.35	0.70	0.84	5.32	9.58	9.76
King, Jennifer	2.91	0.79	9.48	0.81	1.15	5.81	9.43	9.70
Kobrinetz, Joaquin J.	2.52	0.83	9.53	0.74	1.04	5.62	9.36	9.77
Lonsway, Chris	1.84	0.75	9.53	0.69	0.79	4.76	8.81	9.71
Lowsky, John	2.24	0.57	9.57	0.74	1.40	5.90	9.26	9.61
May, Marianne	1.30	0.77	9.58	0.71	0.85	5.60	9.35	9.77
Potocar, William P	1.69	0.75	8.82	0.70	0.91	5.53	8.61	9.53
Sanchez, Arthur	2.44	0.79	9.57	0.73	1.28	5.53	9.04	9.44
Trevino, Bobby	2.60	0.81	9.44	0.76	1.05	5.64	9.41	9.82
Veiga, Victor	1.84	0.75	8.99	0.71	0.88	5.16	9.37	9.73
Zalewski, John	3.38	0.75	8.53	0.76	1.23	5.39	8.95	9.72
MAXIMUM	3.38	0.86	9.82	0.88	1.40	5.90	9.58	9.82
MINIMUM	1.30	0.57	8.53	0.64	0.77	4.76	8.61	9.44
RANGE(MAX-MIN)	2.080	0.290	1.290	0.240	0.630	1.140	0.970	0.380
MEAN	2.189	0.759	9.300	0.736	1.035	5.541	9.179	9.674
STANDARD DEVIATION	0.670	0.062	0.378	0.057	0.190	0.293	0.302	0.116
N SIZE	16.000							

Part ID= B3 - SEQUENCE III

B3 YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCTOT	THTOT	ATTOT
Aguirre, Nancy P	1.66	-0.14	-1.30	2.54	-0.03	0.51	0.40	-0.47
Cales, Jonathon	-1.15	-0.46	-1.24	0.77	1.02	0.71	-0.06	-0.12
Castillo, George	-0.45	1.64	0.05	0.24	0.60	0.92	-0.43	-1.85
Foecking, Brian	0.75	-0.14	0.87	-0.99	-1.39	-0.65	-1.79	0.05
Hills, Barry	-1.18	-0.14	1.38	-1.70	-0.39	0.88	1.20	1.17
Hurst, Kevin R.	-0.92	-0.30	0.13	-0.64	-1.02	-0.75	1.33	0.74
King, Jennifer	1.08	0.51	0.48	1.30	0.60	0.92	0.83	0.22
Kobrinetz, Joaquin J.	0.49	1.15	0.61	0.07	0.03	0.27	0.60	0.83
Lonsway, Chris	-0.52	-0.14	0.61	-0.82	-1.29	-2.66	-1.22	0.31
Lowsky, John	0.08	-3.05	0.71	0.07	1.92	1.22	0.27	-0.56
May, Marianne	-1.33	0.18	0.74	-0.46	-0.97	0.20	0.57	0.83
Potocar, William P	-0.75	-0.14	-1.27	-0.64	-0.66	-0.04	-1.88	-1.25
Sanchez, Arthur	0.37	0.51	0.71	-0.11	1.29	-0.04	-0.46	-2.02
Trevino, Bobby	0.61	0.83	0.37	0.42	0.08	0.34	0.77	1.26
Veiga, Victor	-0.52	-0.14	-0.82	-0.46	-0.81	-1.30	0.63	0.48
Zalewski, John	1.78	-0.14	-2.04	0.42	1.02	-0.52	-0.76	0.39
MAXIMUM	1.78	-3.05	-2.04	2.54	1.92	-2.66	-1.88	-2.02
MINIMUM	0.08	-0.14	0.05	0.07	-0.03	-0.04	-0.06	0.05
RANGE(MAX-MIN)	1.701	-2.910	-2.089	2.476	1.943	-2.626	-1.822	-2.071
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
N SIZE	16.000							

## LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Part ID= B4 - SEQUENCE III

Rated Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCTOT	THTOT	ATTOT
Aguirre, Nancy P	5.80	0.75	7.58	0.77	0.83	4.06	9.76	8.84
Cales, Jonathon	4.27	0.68	7.37	0.61	0.76	4.20	9.60	8.68
Castillo, George	4.68	0.71	8.01	0.60	0.84	4.07	9.60	8.66
Foecking, Brian	4.96	0.70	8.15	0.31	0.76	3.76	9.60	8.43
Hills, Barry	3.68	0.75	8.42	0.38	0.75	3.82	9.78	8.73
Kobrinetz, Joaquin J.	5.37	0.71	7.95	0.41	0.75	3.94	9.73	8.99
Lonsway, Chris	4.33	0.75	7.86	0.45	0.75	3.34	9.70	8.20
Lowsky, John	5.86	0.75	8.04	0.41	0.75	5.15	9.64	8.83
May, Marianne	4.16	0.73	8.10	0.34	0.75	4.22	9.75	8.81
Potocar, William P	3.51	0.74	7.58	0.36	0.75	4.28	9.36	8.32
Sanchez, Arthur	6.78	0.69	8.22	0.45	0.76	3.85	9.57	8.96
Trevino, Bobby	5.75	0.75	8.00	0.53	0.75	4.11	9.74	9.16
Zalewski, John	4.84	0.61	7.55	0.45	0.84	5.34	9.68	7.69
MAXIMUM	6.78	0.75	8.42	0.77	0.84	5.34	9.78	9.16
MINIMUM	3.51	0.61	7.37	0.31	0.75	3.34	9.36	7.69
RANGE(MAX-MIN)	3.270	0.140	1.050	0.460	0.090	2.000	0.420	1.470
MEAN	4.922	0.717	7.910	0.467	0.772	4.165	9.655	8.638
STANDARD DEVIATION	0.955	0.041	0.307	0.129	0.037	0.540	0.114	0.393
N SIZE	13.000							

Part ID= B4 - SEQUENCE III

B4 YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCTOT	THTOT	ATTOT
Aguirre, Nancy P	0.92	0.81	-1.08	2.34	1.56	-0.19	0.93	0.51
Cales, Jonathon	-0.68	-0.90	-1.76	1.11	-0.33	0.07	-0.48	0.11
Castillo, George	-0.25	-0.17	0.33	1.03	1.83	-0.18	-0.48	0.05
Foecking, Brian	0.04	-0.41	0.78	-1.21	-0.33	-0.75	-0.48	-0.53
Hills, Barry	-1.30	0.81	1.66	-0.67	-0.60	-0.64	1.10	0.23
Kobrinetz, Joaquin J.	0.47	-0.17	0.13	-0.44	-0.60	-0.42	0.66	0.89
Lonsway, Chris	-0.62	0.81	-0.16	-0.13	-0.60	-1.53	0.40	-1.12
Lowsky, John	0.98	0.81	0.42	-0.44	-0.60	1.82	-0.13	0.49
May, Marianne	-0.80	0.32	0.62	-0.98	-0.60	0.10	0.84	0.44
Potocar, William P	-1.48	0.56	-1.08	-0.83	-0.60	0.21	-2.59	-0.81
Sanchez, Arthur	1.94	-0.66	1.01	-0.13	-0.33	-0.58	-0.75	0.82
Trevino, Bobby	0.87	0.81	0.29	0.49	-0.60	-0.10	0.75	1.33
Zalewski, John	-0.09	-2.61	-1.17	-0.13	1.83	2.17	0.22	-2.41
MAXIMUM	1.94	-2.61	-1.76	2.34	1.83	2.17	-2.59	-2.41
MINIMUM	0.04	-0.17	0.13	-0.13	-0.33	0.07	-0.13	0.05
RANGE(MAX-MIN)	1.905	-2.445	-1.892	2.472	2.162	2.109	-2.466	-2.469
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
N SIZE	13.000							

## LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Part ID= B5 - SQUARE CUT DIESEL

Rated Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	G4TOT	L2TOT	L3TOT	L4TOT
Cales, Jonathon	0.98	8.43	9.81	9.69	5.46	9.86	9.82
Castillo, George	0.84	8.37	9.84	9.80	6.91	9.70	9.77
Cumberworth, Lee	1.01	8.07	9.83	9.75	5.93	9.70	9.68
Foecking, Brian	0.79	8.65	9.97	9.89	5.90	9.95	9.93
Hills, Barry	0.78	8.87	9.90	9.78	6.15	9.90	9.90
Lonsway, Chris	1.01	8.25	9.90	9.78	6.33	9.90	9.80
Lowsky, John	1.05	8.85	9.80	9.87	7.04	9.80	9.80
May, Marianne	0.83	8.57	9.97	9.89	6.34	9.81	9.80
Potocar, William P	0.85	8.23	9.90	9.81	6.19	9.70	9.40
Sanchez, Arthur	0.75	8.67	9.68	9.65	6.54	9.70	9.50
Zalewski, John	0.83	8.07	9.89	9.77	6.47	9.80	9.70
MAXIMUM	1.05	8.87	9.97	9.89	7.04	9.95	9.93
MINIMUM	0.75	8.07	9.68	9.65	5.46	9.70	9.40
RANGE(MAX-MIN)	0.300	0.800	0.290	0.240	1.580	0.250	0.530
MEAN	0.884	8.457	9.863	9.789	6.296	9.802	9.736
STANDARD DEVIATION	0.107	0.287	0.083	0.077	0.452	0.093	0.161
N SIZE	11.000						

Part ID= B5 - SQUARE CUT DIESEL

B5 Y1 Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	G4TOT	L2TOT	L3TOT	L4TOT
Cales, Jonathon	0.90	-0.10	-0.63	-1.29	-1.85	0.63	0.52
Castillo, George	-0.41	-0.30	-0.27	0.14	1.36	-1.10	0.21
Cumberworth, Lee	1.18	-1.35	-0.39	-0.51	-0.81	-1.10	-0.35
Foecking, Brian	-0.87	0.67	1.29	1.32	-0.88	1.60	1.21
Hills, Barry	-0.97	1.44	0.45	-0.12	-0.32	1.06	1.02
Lonsway, Chris	1.18	-0.72	0.45	-0.12	0.07	1.06	0.40
Lowsky, John	1.55	1.37	-0.75	1.06	1.64	-0.02	0.40
May, Marianne	-0.50	0.39	1.29	1.32	0.10	0.09	0.40
Potocar, William P	-0.31	-0.79	0.45	0.27	-0.24	-1.10	-2.09
Sanchez, Arthur	-1.25	0.74	-2.19	-1.82	0.54	-1.10	-1.47
Zalewski, John	-0.50	-1.35	0.33	-0.25	0.38	-0.02	-0.23
MAXIMUM	1.55	1.44	-2.19	-1.82	-1.85	1.60	-2.09
MINIMUM	-0.31	-0.10	-0.27	-0.12	0.07	-0.02	0.21
RANGE(MAX-MIN)	1.865	1.534	-1.918	-1.697	-1.924	1.616	-2.303
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000	1.000	1.000
N SIZE	11.000						



## LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Part ID= B6 - SEQUENCE III

Rated Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCTOT	THTOT	ATTOT
Aguirre, Nancy P	6.43	0.65	9.53	1.03	1.72	2.90	9.67	9.94
Cales, Jonathon	5.50	0.70	9.50	0.82	2.03	2.62	9.55	9.95
Castillo, George	6.84	0.69	9.87	0.93	1.95	2.44	9.47	9.86
Foecking, Brian	5.07	0.71	9.87	0.39	1.57	2.09	9.56	9.95
Hills, Barry	4.56	0.75	9.87	0.67	1.72	2.08	9.62	9.90
King, Jennifer	4.78	0.75	9.69	1.85	1.62	2.22	9.59	9.80
Kobrinetz, Joaquin J.	6.57	0.68	9.80	0.74	1.93	2.20	9.62	9.94
Lonsway, Chris	4.45	0.72	9.81	0.86	1.82	1.83	9.45	9.90
Lowsky, John	6.72	0.61	9.58	1.35	2.41	3.10	9.83	10.00
May, Marianne	3.84	0.67	9.81	0.70	1.91	2.34	9.64	9.99
Potocar, William P	4.88	0.75	9.69	0.60	1.88	2.22	9.34	9.80
Sanchez, Arthur	7.55	0.69	9.67	0.64	1.55	2.34	9.53	9.70
Trevino, Bobby	5.88	0.68	9.64	0.62	1.74	2.56	9.64	9.94
Veiga, Victor	4.34	0.67	9.79	1.04	1.93	2.40	9.81	9.90
Zalewski, John	6.83	0.64	9.63	1.49	2.16	3.90	9.43	9.90
MAXIMUM	7.55	0.75	9.87	1.85	2.41	3.90	9.83	10.00
MINIMUM	3.84	0.61	9.50	0.39	1.55	1.83	9.34	9.70
RANGE(MAX-MIN)	3.710	0.140	0.370	1.460	0.860	2.070	0.490	0.300
MEAN	5.616	0.691	9.717	0.915	1.863	2.483	9.583	9.898
STANDARD DEVIATION	1.146	0.041	0.125	0.388	0.229	0.507	0.133	0.080
N SIZE	15.000							

Part ID= B6 - SEQUENCE III

B6 YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCTOT	THTOT	ATTOT
Aguirre, Nancy P	0.71	-0.99	-1.50	0.30	-0.62	0.82	0.65	0.53
Cales, Jonathon	-0.10	0.23	-1.74	-0.25	0.73	0.27	-0.25	0.65
Castillo, George	1.07	-0.02	1.23	0.04	0.38	-0.08	-0.85	-0.48
Foecking, Brian	-0.48	0.47	1.23	-1.35	-1.28	-0.77	-0.18	0.65
Hills, Barry	-0.92	1.44	1.23	-0.63	-0.62	-0.79	0.28	0.03
King, Jennifer	-0.73	1.44	-0.21	2.41	-1.06	-0.52	0.05	-1.23
Kobrinetz, Joaquin J.	0.83	-0.26	0.67	-0.45	0.29	-0.56	0.28	0.53
Lonsway, Chris	-1.02	0.71	0.75	-0.14	-0.19	-1.29	-1.00	0.03
Lowsky, John	0.96	-1.96	-1.10	1.12	2.39	1.22	1.86	1.28
May, Marianne	-1.55	-0.50	0.75	-0.55	0.21	-0.28	0.43	1.15
Potocar, William P	-0.64	1.44	-0.21	-0.81	0.08	-0.52	-1.83	-1.23
Sanchez, Arthur	1.69	-0.02	-0.37	-0.71	-1.36	-0.28	-0.40	-2.48
Trevino, Bobby	0.23	-0.26	-0.61	-0.76	-0.54	0.15	0.43	0.53
Veiga, Victor	-1.11	-0.50	0.59	0.32	0.29	-0.16	1.71	0.03
Zalewski, John	1.06	-1.23	-0.70	1.48	1.30	2.80	-1.16	0.03
MAXIMUM	1.69	-1.96	-1.74	2.41	2.39	2.80	1.86	-2.48
MINIMUM	-0.10	-0.02	-0.21	0.04	0.08	-0.08	0.05	0.03
RANGE(MAX-MIN)	1.789	-1.945	-1.524	2.370	2.313	2.880	1.808	-2.502
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
N SIZE	15.000							

## LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Part ID= B7 - SQUARE CUT DIESEL

Rated Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	G4TOT	L2TOT	L3TOT	L4TOT
Cales, Jonathon	0.66	5.79	9.95	9.89	4.09	9.95	9.95
Castillo, George	0.61	5.69	9.87	9.92	5.13	9.80	9.78
Cumberworth, Lee	1.03	5.14	9.90	9.97	4.39	9.70	9.70
Foecking, Brian	0.72	5.11	9.97	9.89	4.10	9.97	9.95
Hills, Barry	0.53	6.22	9.90	9.90	4.45	9.80	9.80
Lonsway, Chris	0.71	5.35	9.95	9.95	4.49	9.95	9.95
Lowsky, John	0.54	7.53	9.85	9.85	5.64	9.85	9.85
May, Marianne	0.61	5.82	9.98	9.94	4.51	9.74	9.78
Potocar, William P	0.74	5.33	9.90	9.70	4.72	9.70	9.80
Sanchez, Arthur	0.63	5.21	9.70	9.69	4.05	9.70	9.70
Zalewski, John	0.64	5.64	9.90	9.89	4.90	9.90	9.90
MAXIMUM	1.03	7.53	9.98	9.97	5.64	9.97	9.95
MINIMUM	0.53	5.11	9.70	9.69	4.05	9.70	9.70
RANGE(MAX-MIN)	0.500	2.420	0.280	0.280	1.590	0.270	0.250
MEAN	0.675	5.712	9.897	9.872	4.588	9.824	9.833
STANDARD DEVIATION	0.136	0.693	0.077	0.094	0.486	0.107	0.094
N SIZE	11.000						

Part ID= B7 - SQUARE CUT DIESEL

B7 Y1 Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	G4TOT	L2TOT	L3TOT	L4TOT
Cales, Jonathon	-0.11	0.11	0.68	0.19	-1.02	1.18	1.24
Castillo, George	-0.48	-0.03	-0.35	0.51	1.11	-0.22	-0.56
Cumberworth, Lee	2.62	-0.82	0.04	1.05	-0.41	-1.16	-1.41
Foecking, Brian	0.33	-0.87	0.94	0.19	-1.00	1.37	1.24
Hills, Barry	-1.06	0.73	0.04	0.30	-0.28	-0.22	-0.35
Lonsway, Chris	0.26	-0.52	0.68	0.84	-0.20	1.18	1.24
Lowsky, John	-0.99	2.62	-0.61	-0.23	2.16	0.25	0.18
May, Marianne	-0.48	0.16	1.07	0.73	-0.16	-0.78	-0.56
Potocar, William P	0.48	-0.55	0.04	-1.84	0.27	-1.16	-0.35
Sanchez, Arthur	-0.33	-0.72	-2.55	-1.94	-1.11	-1.16	-1.41
Zalewski, John	-0.25	-0.10	0.04	0.19	0.64	0.72	0.71
MAXIMUM	2.62	2.62	-2.55	-1.94	2.16	1.37	-1.41
MINIMUM	-0.11	-0.03	0.04	0.19	-0.16	-0.22	0.18
RANGE(MAX-MIN)	2.723	2.654	-2.590	-2.137	2.324	1.593	-1.590
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000	1.000	1.000
N SIZE	11.000						

## LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Part ID= B8 - FIELD PISTON

Rated Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	FRTOT	RRTOT
Cales, Jonathon	0.86	0.67	3.63	2.89	1.91	6.65	6.00
Castillo, George	0.88	0.65	3.06	3.06	1.97	5.83	5.08
Foecking, Brian	0.92	0.64	2.14	2.69	1.18	5.30	4.76
Hills, Barry	0.99	0.71	2.68	1.80	1.69	5.10	4.40
Lonsway, Chris	0.87	0.65	2.54	2.42	1.56	5.41	4.71
Lowsky, John	0.90	0.65	3.09	3.44	2.75	6.05	5.25
Potocar, William P	0.91	0.66	2.35	2.60	2.02	4.76	3.95
Sanchez, Arthur	1.03	0.64	2.61	2.73	1.67	6.11	5.29
Zalewski, John	0.84	0.80	3.28	3.26	2.34	5.70	5.19
MAXIMUM	1.03	0.80	3.63	3.44	2.75	6.65	6.00
MINIMUM	0.84	0.64	2.14	1.80	1.18	4.76	3.95
RANGE(MAX-MIN)	0.190	0.160	1.490	1.640	1.570	1.890	2.050
MEAN	0.911	0.674	2.820	2.766	1.899	5.657	4.959
STANDARD DEVIATION	0.062	0.052	0.477	0.486	0.456	0.579	0.589
N SIZE	9.000						

Part ID= B8 - FIELD PISTON

B8 Yi Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	FRTOT	RRTOT
Cales, Jonathon	-0.82	-0.09	1.70	0.26	0.02	1.72	1.77
Castillo, George	-0.50	-0.47	0.50	0.61	0.16	0.30	0.21
Foecking, Brian	0.14	-0.67	-1.42	-0.16	-1.58	-0.62	-0.34
Hills, Barry	1.27	0.69	-0.29	-1.99	-0.46	-0.96	-0.95
Lonsway, Chris	-0.66	-0.47	-0.59	-0.71	-0.74	-0.43	-0.42
Lowsky, John	-0.18	-0.47	0.57	1.39	1.86	0.68	0.49
Potocar, William P	-0.02	-0.28	-0.98	-0.34	0.27	-1.55	-1.71
Sanchez, Arthur	1.91	-0.67	-0.44	-0.07	-0.50	0.78	0.56
Zalewski, John	-1.14	2.43	0.96	1.02	0.97	0.07	0.39
MAXIMUM	1.91	2.43	1.70	-1.99	1.86	1.72	1.77
MINIMUM	-0.02	-0.09	-0.29	-0.07	0.02	0.07	0.21
RANGE(MAX-MIN)	1.931	2.512	1.990	-1.915	1.841	1.641	1.561
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000	1.000	1.000
N SIZE	9.000						

## LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Part ID= C1 - SEQUENCE III

Rated Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCTOT	THTOT	ATTOT
Adams, Patrick	0.97	0.66	9.06	0.48	0.96	7.33	7.95	9.90
Barrera, Tony	1.23	0.69	9.18	0.60	0.88	7.01	8.24	9.98
Caproni, David	1.27	0.64	9.22	0.65	1.14	6.98	8.57	9.90
DeCapite, Vanessa	1.19	0.68	8.94	0.56	0.93	6.94	8.43	9.82
Greenland, Paul	0.90	0.66	9.17	0.52	0.86	6.46	9.04	9.90
Grundza, Richard	1.06	0.71	8.86	0.64	1.09	6.02	7.85	9.76
Hills, Barry	1.27	0.73	9.48	0.50	0.88	7.46	9.01	9.90
King, Jennifer	1.32	0.70	9.23	0.81	0.92	7.58	8.66	9.95
Lam, Eddie	1.53	0.66	8.79	0.64	0.95	6.94	8.52	9.90
Lowsky, John	1.36	0.67	9.15	0.54	1.01	8.01	8.88	10.00
Pitta, Jimmy	1.12	0.68	9.23	0.61	0.95	6.65	9.36	9.90
Rodriguez, Jesus (Jesse)	0.97	0.69	9.18	0.65	0.80	7.08	8.76	9.90
Terrado, Ken	1.11	0.65	8.61	0.54	0.94	6.43	6.83	9.90
Veiga, Victor	0.92	0.68	9.27	0.66	0.94	7.27	9.27	9.90
Viera, Ralph B.	1.60	0.67	8.87	0.61	1.00	6.34	8.05	10.00
MAXIMUM	1.60	0.73	9.48	0.81	1.14	8.01	9.36	10.00
MINIMUM	0.90	0.64	8.61	0.48	0.80	6.02	6.83	9.76
RANGE(MAX-MIN)	0.700	0.090	0.870	0.330	0.340	1.990	2.530	0.240
MEAN	1.188	0.678	9.083	0.601	0.950	6.967	8.495	9.907
STANDARD DEVIATION	0.211	0.024	0.225	0.083	0.086	0.527	0.650	0.062
N SIZE	15.000							

Part ID= C1 - SEQUENCE III

C1 YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCTOT	THTOT	ATTOT
Adams, Patrick	-1.03	-0.76	-0.10	-1.46	0.12	0.69	-0.84	-0.12
Barrera, Tony	0.20	0.51	0.43	-0.01	-0.81	0.08	-0.39	1.17
Caproni, David	0.39	-1.61	0.61	0.60	2.21	0.03	0.12	-0.12
DeCapite, Vanessa	0.01	0.08	-0.63	-0.49	-0.23	-0.05	-0.10	-1.41
Greenland, Paul	-1.36	-0.76	0.39	-0.98	-1.05	-0.96	0.84	-0.12
Grundza, Richard	-0.61	1.35	-0.99	0.48	1.63	-1.80	-0.99	-2.37
Hills, Barry	0.39	2.20	1.76	-1.22	-0.81	0.94	0.79	-0.12
King, Jennifer	0.62	0.93	0.65	2.53	-0.35	1.16	0.25	0.69
Lam, Eddie	1.62	-0.76	-1.30	0.48	0.00	-0.05	0.04	-0.12
Lowsky, John	0.81	-0.34	0.30	-0.73	0.70	1.98	0.59	1.49
Pitta, Jimmy	-0.32	0.08	0.65	0.11	0.00	-0.60	1.33	-0.12
Rodriguez, Jesus (Jesse)	-1.03	0.51	0.43	0.60	-1.74	0.22	0.41	-0.12
Terrado, Ken	-0.37	-1.18	-2.10	-0.73	-0.12	-1.02	-2.56	-0.12
Veiga, Victor	-1.27	0.08	0.83	0.72	-0.12	0.58	1.19	-0.12
Viera, Ralph B.	1.95	-0.34	-0.94	0.11	0.58	-1.19	-0.68	1.49
MAXIMUM	1.95	2.20	-2.10	2.53	2.21	1.98	-2.56	-2.37
MINIMUM	0.01	0.08	-0.10	-0.01	0.00	0.03	0.04	-0.12
RANGE(MAX-MIN)	1.939	2.113	-1.997	2.540	2.207	1.956	-2.600	-2.252
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
N SIZE	15.000							

## LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Part ID= C2 - SEQUENCE III

Rated Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCTOT	THTOT	ATTOT
Adams, Patrick	3.55	1.19	9.42	0.91	4.36	5.56	9.44	9.68
Barrera, Tony	3.68	1.07	9.36	0.84	3.18	5.43	8.91	9.56
Caproni, David	4.41	1.75	8.96	0.98	4.74	5.42	9.56	9.76
DeCapite, Vanessa	3.64	1.01	9.18	0.98	3.24	5.88	9.18	9.57
Greenland, Paul	4.21	1.44	9.54	0.92	4.07	5.55	9.52	9.76
Hills, Barry	3.17	1.09	9.80	0.78	2.56	5.50	9.76	9.81
King, Jennifer	3.98	1.43	9.45	1.15	4.09	6.01	9.63	9.75
Lam, Eddie	4.19	1.26	9.58	0.77	4.07	4.71	8.78	9.30
Lowsky, John	3.61	1.51	9.47	0.92	5.02	5.75	9.42	9.66
Pitta, Jimmy	3.54	1.10	9.43	1.00	4.16	5.34	9.30	9.50
Rodriguez, Jesus (Jesse)	3.34	1.19	9.38	0.76	3.55	5.70	9.53	9.65
Terrado, Ken	2.46	1.19	8.87	0.89	3.59	4.52	9.62	9.55
Viera, Ralph B.	4.22	1.14	9.40	0.97	4.39	4.67	9.35	9.60
MAXIMUM	4.41	1.75	9.80	1.15	5.02	6.01	9.76	9.81
MINIMUM	2.46	1.01	8.87	0.76	2.56	4.52	8.78	9.30
RANGE(MAX-MIN)	1.950	0.740	0.930	0.390	2.460	1.490	0.980	0.510
MEAN	3.692	1.259	9.372	0.913	3.925	5.388	9.385	9.627
STANDARD DEVIATION	0.529	0.213	0.248	0.109	0.679	0.471	0.285	0.137
N SIZE	13.000							

Part ID= C2 - SEQUENCE III

C2 Y1 Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCTOT	THTOT	ATTOT
Adams, Patrick	-0.27	-0.32	0.19	-0.03	0.64	0.37	0.19	0.39
Barrera, Tony	-0.02	-0.89	-0.05	-0.67	-1.10	0.09	-1.67	-0.49
Caproni, David	1.36	2.30	-1.67	0.61	1.20	0.07	0.62	0.97
DeCapite, Vanessa	-0.10	-1.17	-0.78	0.61	-1.01	1.05	-0.72	-0.41
Greenland, Paul	0.98	0.85	0.68	0.06	0.21	0.34	0.48	0.97
Hills, Barry	-0.99	-0.79	1.73	-1.22	-2.01	0.24	1.32	1.33
King, Jennifer	0.54	0.80	0.31	2.17	0.24	1.32	0.86	0.90
Lam, Eddie	0.94	0.00	0.84	-1.31	0.21	-1.44	-2.12	-2.38
Lowsky, John	-0.16	1.18	0.39	0.06	1.61	0.77	0.12	0.24
Pitta, Jimmy	-0.29	-0.75	0.23	0.79	0.35	-0.10	-0.30	-0.93
Rodriguez, Jesus (Jesse)	-0.67	-0.32	0.03	-1.40	-0.55	0.66	0.51	0.17
Terrado, Ken	-2.33	-0.32	-2.03	-0.21	-0.49	-1.84	0.83	-0.56
Viera, Ralph B.	1.00	-0.56	0.11	0.52	0.69	-1.52	-0.12	-0.20
MAXIMUM	-2.33	2.30	-2.03	2.17	-2.01	-1.84	-2.12	-2.38
MINIMUM	-0.02	0.00	0.03	-0.03	0.21	0.07	-0.12	0.17
RANGE(MAX-MIN)	-2.305	2.297	-2.060	2.195	-2.224	-1.912	-2.003	-2.551
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
N SIZE	13.000							

## LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Part ID= C3 - SEQUENCE III

Rated Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCTOT	THTOT	ATTOT
Adams, Patrick	1.96	0.65	8.48	0.34	0.65	4.89	8.74	9.90
Barrera, Tony	2.08	0.59	8.76	0.44	0.71	4.66	8.94	9.94
Caproni, David	2.00	0.71	8.64	0.74	0.71	5.28	7.88	9.90
DeCapite, Vanessa	2.09	0.59	8.66	0.73	0.71	5.32	8.62	9.75
Greenland, Paul	1.84	0.56	9.24	0.28	0.69	4.60	8.90	9.80
King, Jennifer	2.00	0.69	8.75	0.87	0.75	4.90	8.98	9.84
Lam, Eddie	2.43	0.75	8.38	0.49	0.70	4.32	8.58	9.90
Lowsky, John	1.76	0.71	9.07	0.57	0.69	5.00	9.14	10.00
Pitta, Jimmy	1.92	0.68	8.55	0.54	0.71	4.90	8.68	9.90
Rodriguez, Jesus (Jesse)	1.97	0.71	8.75	0.70	0.68	4.73	8.93	9.80
Terrado, Ken	1.65	0.55	8.30	0.36	0.71	4.93	8.87	9.84
Viera, Ralph B.	1.93	0.63	8.97	0.71	0.73	5.36	8.36	9.98
MAXIMUM	2.43	0.75	9.24	0.87	0.75	5.36	9.14	10.00
MINIMUM	1.65	0.55	8.30	0.28	0.65	4.32	7.88	9.75
RANGE(MAX-MIN)	0.780	0.200	0.940	0.590	0.100	1.040	1.260	0.250
MEAN	1.969	0.652	8.713	0.564	0.703	4.908	8.718	9.879
STANDARD DEVIATION	0.192	0.067	0.277	0.187	0.025	0.310	0.338	0.075
N SIZE	12.000							

Part ID= C3 - SEQUENCE III

C3 YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCTOT	THTOT	ATTOT
Adams, Patrick	-0.05	-0.03	-0.84	-1.20	-2.13	-0.06	0.06	0.28
Barrera, Tony	0.58	-0.92	0.17	-0.66	0.27	-0.80	0.66	0.81
Caproni, David	0.16	0.87	-0.26	0.94	0.27	1.20	-2.48	0.28
DeCapite, Vanessa	0.63	-0.92	-0.19	0.89	0.27	1.33	-0.29	-1.71
Greenland, Paul	-0.67	-1.37	1.90	-1.52	-0.53	-0.99	0.54	-1.05
King, Jennifer	0.16	0.57	0.14	1.63	1.87	-0.02	0.77	-0.52
Lam, Eddie	2.39	1.47	-1.20	-0.40	-0.13	-1.90	-0.41	0.28
Lowsky, John	-1.09	0.87	1.29	0.03	-0.53	0.30	1.25	1.60
Pitta, Jimmy	-0.26	0.42	-0.59	-0.13	0.27	-0.02	-0.11	0.28
Rodriguez, Jesus (Jesse)	0.00	0.87	0.14	0.73	-0.93	-0.57	0.63	-1.05
Terrado, Ken	-1.66	-1.52	-1.49	-1.09	0.27	0.07	0.45	-0.52
Viera, Ralph B.	-0.20	-0.32	0.93	0.78	1.07	1.46	-1.06	1.34
MAXIMUM	2.39	-1.52	1.90	1.63	-2.13	-1.90	-2.48	-1.71
MINIMUM	0.00	-0.03	0.14	0.03	-0.13	-0.02	0.06	0.28
RANGE(MAX-MIN)	2.390	-1.499	1.766	1.602	-2.001	-1.872	-2.543	-1.990
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
N SIZE	12.000							

## LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Part ID= C4 - SEQUENCE III

Rated Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCTOT	THTOT	ATTOT
Adams, Patrick	1.64	4.15	8.84	0.74	4.50	4.88	9.38	9.90
Barrera, Tony	1.20	2.57	8.69	0.77	4.42	4.36	9.36	9.98
Caproni, David	1.52	3.97	7.40	0.72	5.27	4.27	9.42	9.90
DeCapite, Vanessa	1.11	3.73	8.08	0.91	5.37	4.55	8.84	9.85
Greenland, Paul	1.30	3.31	8.20	0.69	5.13	3.90	9.31	9.90
King, Jennifer	1.39	3.88	8.28	0.88	5.39	4.68	9.27	9.85
Kraemer, Vernon	1.11	4.52	7.73	1.13	5.14	4.75	9.62	9.98
Lam, Eddie	1.28	4.15	8.33	0.68	5.40	3.81	9.43	9.90
Lowsky, John	1.30	4.83	8.49	0.78	6.61	5.08	9.30	9.97
Pitta, Jimmy	1.46	2.84	8.22	0.77	4.99	3.90	8.69	9.90
Rodriguez, Jesus (Jesse)	1.31	3.69	8.42	0.71	4.79	4.19	9.27	9.80
Terrado, Ken	1.25	3.69	7.26	0.78	4.85	3.69	8.95	9.82
Viera, Ralph B.	1.09	2.17	8.56	0.72	4.87	3.89	8.76	9.97
MAXIMUM	1.64	4.83	8.84	1.13	6.61	5.08	9.62	9.98
MINIMUM	1.09	2.17	7.26	0.68	4.42	3.69	8.69	9.80
RANGE(MAX-MIN)	0.550	2.660	1.580	0.450	2.190	1.390	0.930	0.180
MEAN	1.305	3.654	8.192	0.791	5.133	4.304	9.200	9.902
STANDARD DEVIATION	0.165	0.761	0.474	0.122	0.547	0.454	0.291	0.061
N SIZE	13.000							

Part ID= C4 - SEQUENCE III

C4 Y1 Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCTOT	THTOT	ATTOT
Adams, Patrick	2.03	0.65	1.37	-0.41	-1.16	1.27	0.62	-0.03
Barrera, Tony	-0.63	-1.43	1.05	-0.17	-1.30	0.12	0.55	1.30
Caproni, David	1.31	0.42	-1.67	-0.58	0.25	-0.07	0.76	-0.03
DeCapite, Vanessa	-1.18	0.10	-0.24	0.97	0.43	0.54	-1.24	-0.85
Greenland, Paul	-0.03	-0.45	0.02	-0.82	-0.01	-0.89	0.38	-0.03
King, Jennifer	0.52	0.30	0.19	0.73	0.47	0.83	0.24	-0.85
Kraemer, Vernon	-1.18	1.14	-0.98	2.77	0.01	0.98	1.45	1.30
Lam, Eddie	-0.15	0.65	0.29	-0.90	0.49	-1.09	0.79	-0.03
Lowsky, John	-0.03	1.55	0.63	-0.09	2.70	1.71	0.34	1.13
Pitta, Jimmy	0.94	-1.07	0.06	-0.17	-0.26	-0.89	-1.76	-0.03
Rodriguez, Jesus (Jesse)	0.03	0.05	0.48	-0.66	-0.63	-0.25	0.24	-1.68
Terrado, Ken	-0.33	0.05	-1.97	-0.09	-0.52	-1.35	-0.86	-1.35
Viera, Ralph B.	-1.30	-1.95	0.78	-0.58	-0.48	-0.91	-1.51	1.13
MAXIMUM	2.03	-1.95	-1.97	2.77	2.70	1.71	-1.76	-1.68
MINIMUM	-0.03	0.05	0.02	-0.09	-0.01	-0.07	0.24	-0.03
RANGE(MAX-MIN)	2.061	-1.998	-1.984	2.859	2.706	1.785	-1.996	-1.652
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
N SIZE	13.000							

## LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Part ID= C5 - SQUARE CUT DIESEL

Rated Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	G4TOT	L2TOT	L3TOT	L4TOT
Adams, Patrick	1.37	9.83	9.89	9.80	4.38	9.40	9.05
Caproni, David	0.74	10.00	10.00	9.90	5.24	9.50	9.41
Cumberworth, Lee	1.41	9.81	9.93	9.94	5.52	9.60	9.34
DeCapite, Vanessa	1.34	9.68	9.62	9.64	5.25	9.62	9.25
Greenland, Paul	1.13	9.90	9.85	9.85	5.46	9.80	9.54
Lam, Eddie	1.77	9.89	9.89	9.88	5.36	9.50	9.10
Lowsky, John	1.58	9.71	9.73	9.84	5.47	9.80	9.59
Pitta, Jimmy	1.56	9.90	9.95	9.91	5.01	9.80	9.07
Rodriguez, Jesus (Jesse)	1.24	9.80	9.90	9.90	5.24	9.60	9.56
Terrado, Ken	0.93	9.89	9.80	9.82	4.61	9.78	9.32
Viera, Ralph B.	1.78	9.68	9.78	9.95	5.39	9.64	9.50
MAXIMUM	1.78	10.00	10.00	9.95	5.52	9.80	9.59
MINIMUM	0.74	9.68	9.62	9.64	4.38	9.40	9.05
RANGE(MAX-MIN)	1.040	0.320	0.380	0.310	1.140	0.400	0.540
MEAN	1.350	9.826	9.849	9.857	5.175	9.640	9.339
STANDARD DEVIATION	0.327	0.103	0.109	0.086	0.369	0.140	0.201
N SIZE	11.000						

Part ID= C5 - SQUARE CUT DIESEL

C5 Y1 Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	G4TOT	L2TOT	L3TOT	L4TOT
Adams, Patrick	0.06	0.04	0.37	-0.66	-2.16	-1.71	-1.44
Caproni, David	-1.86	1.68	1.38	0.49	0.18	-1.00	0.35
Cumberworth, Lee	0.18	-0.16	0.74	0.96	0.93	-0.29	0.00
DeCapite, Vanessa	-0.03	-1.42	-2.10	-2.52	0.20	-0.14	-0.44
Greenland, Paul	-0.67	0.71	0.01	-0.08	0.77	1.14	1.00
Lam, Eddie	1.28	0.62	0.37	0.26	0.50	-1.00	-1.19
Lowsky, John	0.70	-1.13	-1.09	-0.20	0.80	1.14	1.25
Pitta, Jimmy	0.64	0.71	0.92	0.61	-0.45	1.14	-1.34
Rodriguez, Jesus (Jesse)	-0.34	-0.26	0.47	0.49	0.18	-0.29	1.10
Terrado, Ken	-1.28	0.62	-0.45	-0.43	-1.53	1.00	-0.09
Viera, Ralph B.	1.31	-1.42	-0.63	1.07	0.58	0.00	0.80
MAXIMUM	-1.86	1.68	-2.10	-2.52	-2.16	-1.71	-1.44
MINIMUM	-0.03	0.04	0.01	-0.08	0.18	0.00	0.00
RANGE(MAX-MIN)	-1.833	1.648	-2.106	-2.431	-2.332	-1.711	-1.442
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000	1.000	1.000
N SIZE	11.000						



## LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Part ID= C6 - SEQUENCE III

Rated Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCTOT	THIOT	ATTOT
Adams, Patrick	1.19	2.66	9.24	1.12	3.27	4.16	9.82	9.95
Barrera, Tony	0.97	2.32	9.06	0.92	3.07	4.19	9.82	9.89
Caproni, David	0.96	2.87	9.28	1.08	3.87	4.10	9.70	9.90
DeCapite, Vanessa	1.05	1.93	9.22	1.02	3.02	3.77	9.52	9.77
Greenland, Paul	1.06	2.65	9.57	0.77	3.73	3.88	9.80	9.90
King, Jennifer	1.78	2.76	9.55	1.10	3.40	4.51	9.84	9.92
Kraemer, Vernon	2.66	2.61	9.01	1.15	3.34	4.72	9.89	9.88
Lowsky, John	1.74	2.84	9.52	1.06	4.30	4.25	9.90	10.00
Pitta, Jimmy	1.30	2.58	9.30	1.03	3.48	3.95	9.80	9.90
Rodriguez, Jesus (Jesse)	0.75	2.31	9.29	0.97	3.27	4.02	9.80	9.90
Terrado, Ken	1.54	2.22	9.31	1.01	3.29	3.24	9.60	9.85
Viera, Ralph B.	1.09	2.86	9.56	1.05	3.43	3.35	9.81	9.99
MAXIMUM	2.66	2.87	9.57	1.15	4.30	4.72	9.90	10.00
MINIMUM	0.75	1.93	9.01	0.77	3.02	3.24	9.52	9.77
RANGE(MAX-MIN)	1.910	0.940	0.560	0.380	1.280	1.480	0.380	0.230
MEAN	1.341	2.551	9.326	1.023	3.456	4.012	9.775	9.904
STANDARD DEVIATION	0.523	0.295	0.190	0.102	0.358	0.424	0.113	0.061
N SIZE	12.000							

Part ID= C6 - SEQUENCE III

C6 Yi Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCTOT	THIOT	ATTOT
Adams, Patrick	-0.29	0.37	-0.45	0.95	-0.52	0.35	0.40	0.75
Barrera, Tony	-0.71	-0.78	-1.40	-1.01	-1.08	0.42	0.40	-0.23
Caproni, David	-0.73	1.08	-0.24	0.56	1.16	0.21	-0.66	-0.07
DeCapite, Vanessa	-0.56	-2.10	-0.56	-0.03	-1.22	-0.57	-2.25	-2.21
Greenland, Paul	-0.54	0.34	1.29	-2.48	0.77	-0.31	0.22	-0.07
King, Jennifer	0.84	0.71	1.18	0.75	-0.16	1.17	0.57	0.26
Kraemer, Vernon	2.52	0.20	-1.67	1.24	-0.32	1.67	1.01	-0.40
Lowsky, John	0.76	0.98	1.02	0.36	2.36	0.56	1.10	1.58
Pitta, Jimmy	-0.08	0.10	-0.14	0.07	0.07	-0.15	0.22	-0.07
Rodriguez, Jesus (Jesse)	-1.13	-0.82	-0.19	-0.52	-0.52	0.02	0.22	-0.07
Terrado, Ken	0.38	-1.12	-0.08	-0.13	-0.46	-1.82	-1.54	-0.89
Viera, Ralph B.	-0.48	1.05	1.23	0.26	-0.07	-1.56	0.31	1.41
MAXIMUM	2.52	-2.10	-1.67	-2.48	2.36	-1.82	-2.25	-2.21
MINIMUM	-0.08	0.10	-0.08	-0.03	0.07	0.02	0.22	-0.07
RANGE(MAX-MIN)	2.598	-2.204	-1.582	-2.451	2.288	-1.838	-2.469	-2.137
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
N SIZE	12.000							

## LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Part ID= C7 - SQUARE CUT DIESEL

Rated Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	G4TOT	L2TOT	L3TOT	L4TOT
Adams, Patrick	0.70	9.08	9.71	9.80	5.69	9.32	9.52
Caproni, David	1.01	9.56	9.90	9.90	6.47	9.30	9.60
Cumberworth, Lee	0.91	9.33	9.47	10.00	6.12	9.42	9.55
DeCapite, Vanessa	1.04	8.89	9.48	9.74	5.02	9.51	9.59
Greenland, Paul	0.64	9.30	9.85	9.90	6.17	9.64	9.68
Lam, Eddie	0.58	9.25	9.90	9.90	6.55	9.45	9.59
Lowsky, John	0.99	9.53	9.41	10.00	6.80	9.36	9.65
Pitta, Jimmy	0.72	9.42	9.21	9.96	6.29	9.63	9.80
Rodriguez, Jesus (Jesse)	0.52	9.57	8.08	9.90	6.38	9.52	9.74
Terrado, Ken	0.45	9.46	8.08	9.74	4.62	9.65	9.76
MAXIMUM	1.04	9.57	9.90	10.00	6.80	9.65	9.80
MINIMUM	0.45	8.89	8.08	9.74	4.62	9.30	9.52
RANGE(MAX-MIN)	0.590	0.680	1.820	0.260	2.180	0.350	0.280
MEAN	0.756	9.339	9.309	9.884	6.011	9.480	9.648
STANDARD DEVIATION	0.216	0.221	0.687	0.096	0.699	0.132	0.094
N SIZE	10.000						

Part ID= C7 - SQUARE CUT DIESEL

C7 Y1 Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	G4TOT	L2TOT	L3TOT	L4TOT
Adams, Patrick	-0.26	-1.17	0.58	-0.88	-0.46	-1.21	-1.36
Caproni, David	1.17	1.00	0.86	0.17	0.66	-1.37	-0.51
Cumberworth, Lee	0.71	-0.04	0.23	1.21	0.16	-0.46	-1.04
DeCapite, Vanessa	1.31	-2.04	0.25	-1.51	-1.42	0.23	-0.61
Greenland, Paul	-0.54	-0.18	0.79	0.17	0.23	1.21	0.34
Lam, Eddie	-0.81	-0.40	0.86	0.17	0.77	-0.23	-0.61
Lowsky, John	1.08	0.87	0.15	1.21	1.13	-0.91	0.02
Pitta, Jimmy	-0.17	0.37	-0.14	0.80	0.40	1.14	1.61
Rodriguez, Jesus (Jesse)	-1.09	1.05	-1.79	0.17	0.53	0.30	0.97
Terrado, Ken	-1.41	0.55	-1.79	-1.51	-1.99	1.29	1.19
MAXIMUM	-1.41	-2.04	-1.79	-1.51	-1.99	-1.37	1.61
MINIMUM	-0.17	-0.04	-0.14	0.17	0.16	0.23	0.02
RANGE(MAX-MIN)	-1.247	-1.994	-1.645	-1.674	-2.147	-1.593	1.589
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000	1.000	1.000
N SIZE	10.000						

## LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Part ID= C8 - FIELD PISTON

Rated Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	FRTOT	RRTOT
Adams, Patrick	0.45	0.38	2.10	2.42	5.99	5.88	6.34
Caproni, David	0.49	0.75	1.93	2.95	3.34	6.41	6.45
DeCapite, Vanessa	0.77	0.82	2.25	2.48	3.35	6.68	6.62
Greenland, Paul	0.49	0.49	1.78	2.65	2.56	5.00	5.70
Lowsky, John	0.56	0.75	2.62	3.76	4.09	6.60	6.53
Pitta, Jimmy	0.83	0.92	2.02	2.22	2.89	5.70	5.75
Rodriguez, Jesus (Jesse)	0.75	0.75	2.18	2.18	2.67	5.45	6.01
MAXIMUM	0.83	0.92	2.62	3.76	5.99	6.68	6.62
MINIMUM	0.45	0.38	1.78	2.18	2.56	5.00	5.70
RANGE(MAX-MIN)	0.380	0.540	0.840	1.580	3.430	1.680	0.920
MEAN	0.620	0.694	2.126	2.666	3.556	5.960	6.200
STANDARD DEVIATION	0.158	0.190	0.268	0.549	1.192	0.631	0.378
N SIZE	7.000						

Part ID= C8 - FIELD PISTON

C8 YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	FRTOT	RRTOT
Adams, Patrick	-1.08	-1.65	-0.10	-0.45	2.04	-0.13	0.37
Caproni, David	-0.82	0.29	-0.73	0.52	-0.18	0.71	0.66
DeCapite, Vanessa	0.95	0.66	0.46	-0.34	-0.17	1.14	1.11
Greenland, Paul	-0.82	-1.08	-1.29	-0.03	-0.84	-1.52	-1.32
Lowsky, John	-0.38	0.29	1.84	1.99	0.45	1.01	0.87
Pitta, Jimmy	1.33	1.19	-0.39	-0.81	-0.56	-0.41	-1.19
Rodriguez, Jesus (Jesse)	0.82	0.29	0.20	-0.88	-0.74	-0.81	-0.50
MAXIMUM	1.33	-1.65	1.84	1.99	2.04	-1.52	-1.32
MINIMUM	-0.38	0.29	-0.10	-0.03	-0.17	-0.13	0.37
RANGE(MAX-MIN)	1.709	-1.948	1.937	2.022	2.216	-1.395	-1.695
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000	1.000	1.000
N SIZE	7.000						

## LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Part ID= I1-8 - INTAKE VALVE SET

Rated Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	P1	P2	P3	P4	P5	P6	P7	P8
Barrera, Tony	9.50	9.50	8.50	8.00	9.60	9.50	9.30	9.00
Campbell, Bryan	9.75	9.70	7.80	7.00	8.90	9.70	9.70	8.30
Cumberworth, Lee	9.50	9.03	8.24	7.88	8.89	9.00	8.92	8.28
DeCapite, Vanessa	9.80	9.50	8.60	8.40	9.20	9.40	9.60	9.00
Foecking, Brian	9.80	9.30	8.40	7.30	9.20	9.30	9.60	8.60
Lonsway, Chris	9.80	9.50	9.00	8.50	9.40	9.60	9.60	9.10
Lopez, Frank	9.60	9.70	8.40	8.10	9.40	9.70	9.60	8.90
Lowsky, John	9.50	9.25	8.65	7.80	9.65	9.25	9.40	8.90
Pitta, Jimmy	9.70	9.60	8.50	7.80	9.50	9.60	9.60	9.00
Rodriguez, Jesus (Jesse)	9.70	9.70	8.00	7.70	9.50	9.70	9.70	8.20
Sanchez, Arthur	9.60	9.60	8.40	8.00	9.20	9.60	9.60	8.30
Veiga, Victor	9.70	9.50	9.10	9.00	9.50	9.30	9.60	9.20
Viera, Ralph B.	9.50	9.30	8.90	8.50	9.50	9.20	9.30	9.00
Zalewski, John	9.80	9.70	9.00	8.90	9.30	9.60	9.70	9.00
MAXIMUM	9.80	9.70	9.10	9.00	9.65	9.70	9.70	9.20
MINIMUM	9.50	9.03	7.80	7.00	8.89	9.00	8.92	8.20
RANGE(MAX-MIN)	0.300	0.670	1.300	2.000	0.760	0.700	0.780	1.000
MEAN	9.661	9.491	8.535	8.063	9.339	9.461	9.516	8.770
STANDARD DEVIATION	0.124	0.204	0.380	0.562	0.237	0.220	0.217	0.354
N SIZE	14.000							

Part ID= I1-8 - INTAKE VALVE SET

I1-8 YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	P1	P2	P3	P4	P5	P6	P7	P8
Barrera, Tony	-1.29	0.04	-0.09	-0.11	1.10	0.18	-0.99	0.65
Campbell, Bryan	0.72	1.02	-1.94	-1.89	-1.85	1.09	0.85	-1.33
Cumberworth, Lee	-1.29	-2.26	-0.78	-0.33	-1.89	-2.09	-2.74	-1.38
DeCapite, Vanessa	1.12	0.04	0.17	0.60	-0.58	-0.28	0.39	0.65
Foecking, Brian	1.12	-0.94	-0.36	-1.36	-0.58	-0.73	0.39	-0.48
Lonsway, Chris	1.12	0.04	1.23	0.78	0.26	0.63	0.39	0.93
Lopez, Frank	-0.49	1.02	-0.36	0.07	0.26	1.09	0.39	0.37
Lowsky, John	-1.29	-1.18	0.30	-0.47	1.31	-0.96	-0.53	0.37
Pitta, Jimmy	0.32	0.53	-0.09	-0.47	0.68	0.63	0.39	0.65
Rodriguez, Jesus (Jesse)	0.32	1.02	-1.41	-0.65	0.68	1.09	0.85	-1.61
Sanchez, Arthur	-0.49	0.53	-0.36	-0.11	-0.58	0.63	0.39	-1.33
Veiga, Victor	0.32	0.04	1.49	1.67	0.68	-0.73	0.39	1.22
Viera, Ralph B.	-1.29	-0.94	0.96	0.78	0.68	-1.18	-0.99	0.65
Zalewski, John	1.12	1.02	1.23	1.49	-0.16	0.63	0.85	0.65
MAXIMUM	-1.29	-2.26	-1.94	-1.89	-1.89	-2.09	-2.74	-1.61
MINIMUM	0.32	0.04	-0.09	0.07	-0.16	0.18	0.39	0.37
RANGE(MAX-MIN)	-1.609	-2.301	-1.844	-1.959	-1.731	-2.270	-3.132	-1.978
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
N SIZE	14.000							

## LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Part ID= J1-8 - INTAKE VALVE SET

Rated Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	P1	P2	P3	P4	P5	P6	P7	P8
Barrera, Tony	9.40	9.10	9.50	9.00	9.30	9.00	9.00	9.50
Campbell, Bryan	9.75	9.10	9.00	8.00	8.40	9.70	9.10	8.70
Cumberworth, Lee	9.58	9.50	8.93	8.36	8.47	9.03	9.03	8.76
Foecking, Brian	9.80	8.70	9.10	8.60	8.90	9.30	9.30	8.95
Lopez, Frank	9.70	9.50	9.20	8.50	8.60	9.70	9.60	9.10
Lowsky, John	9.85	9.00	9.30	8.60	8.90	9.45	9.30	9.60
Pitta, Jimmy	9.80	9.10	9.00	8.70	9.00	9.70	9.10	9.00
Rodriguez, Jesus (Jesse)	9.60	9.00	9.20	8.00	8.50	9.70	9.10	8.90
Sanchez, Arthur	9.70	9.10	8.90	8.40	8.90	9.60	9.10	9.10
Trevino, Bobby	9.50	9.00	9.20	8.80	9.00	9.00	9.10	9.10
Veiga, Victor	9.70	9.10	9.40	9.10	9.20	9.40	9.10	9.20
Viera, Ralph B.	9.70	9.00	8.90	8.70	8.80	9.50	9.30	9.10
Zalewski, John	9.80	9.00	9.20	9.00	9.10	9.60	9.30	9.20
MAXIMUM	9.85	9.50	9.50	9.10	9.30	9.70	9.60	9.60
MINIMUM	9.40	8.70	8.90	8.00	8.40	9.00	9.00	8.70
RANGE(MAX-MIN)	0.450	0.800	0.600	1.100	0.900	0.700	0.600	0.900
MEAN	9.683	9.092	9.141	8.597	8.852	9.437	9.187	9.093
STANDARD DEVIATION	0.131	0.210	0.191	0.349	0.285	0.274	0.165	0.255
N SIZE	13.000							

Part ID= J1-8 - INTAKE VALVE SET

J1-8 YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	P1	P2	P3	P4	P5	P6	P7	P8
Barrera, Tony	-2.16	0.04	1.88	1.16	1.57	-1.59	-1.13	1.60
Campbell, Bryan	0.51	0.04	-0.74	-1.71	-1.58	0.96	-0.53	-1.54
Cumberworth, Lee	-0.79	1.94	-1.10	-0.68	-1.34	-1.48	-0.95	-1.31
Foecking, Brian	0.89	-1.87	-0.21	0.01	0.17	-0.50	0.69	-0.56
Lopez, Frank	0.13	1.94	0.31	-0.28	-0.88	0.96	2.50	0.03
Lowsky, John	1.28	-0.44	0.83	0.01	0.17	0.05	0.69	1.99
Pitta, Jimmy	0.89	0.04	-0.74	0.30	0.52	0.96	-0.53	-0.37
Rodriguez, Jesus (Jesse)	-0.63	-0.44	0.31	-1.71	-1.23	0.96	-0.53	-0.76
Sanchez, Arthur	0.13	0.04	-1.26	-0.57	0.17	0.59	-0.53	0.03
Trevino, Bobby	-1.40	-0.44	0.31	0.58	0.52	-1.59	-0.53	0.03
Veiga, Victor	0.13	0.04	1.36	1.44	1.22	-0.13	-0.53	0.42
Viera, Ralph B.	0.13	-0.44	-1.26	0.30	-0.18	0.23	0.69	0.03
Zalewski, John	0.89	-0.44	0.31	1.16	0.87	0.59	0.69	0.42
MAXIMUM	-2.16	1.94	1.88	-1.71	-1.58	-1.59	2.50	1.99
MINIMUM	0.13	0.04	-0.21	0.01	0.17	0.05	-0.53	0.03
RANGE(MAX-MIN)	-2.292	1.905	2.095	-1.722	-1.755	-1.642	3.030	1.964
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
N SIZE	13.000							

## LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Part ID= K1-8 - INTAKE VALVE SET

Rated Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	P1	P2	P3	P4	P5	P6	P7	P8
Barrera, Tony	9.30	9.30	9.00	8.60	9.40	9.00	9.40	8.90
Campbell, Bryan	9.50	9.65	8.40	7.50	9.50	9.50	9.80	8.10
Cumberworth, Lee	9.78	9.30	8.24	7.82	9.48	8.83	9.37	8.36
DeCapite, Vanessa	9.80	9.60	9.20	9.00	9.60	9.70	9.70	9.10
Foecking, Brian	9.70	9.50	8.60	8.20	9.60	9.30	9.60	8.40
Kobrinetz, Joaquin J.	9.80	9.50	8.20	7.90	9.36	8.90	9.50	8.10
Lonsway, Chris	9.30	9.70	8.90	8.60	9.60	9.40	9.70	9.00
Lopez, Frank	9.60	9.60	9.10	8.20	9.70	9.70	9.70	8.50
Lowsky, John	9.80	9.65	9.30	8.75	9.60	9.20	9.75	8.50
Pitta, Jimmy	9.50	9.60	9.00	8.50	9.50	9.50	9.70	8.70
Rodriguez, Jesus (Jesse)	9.70	9.60	8.30	7.70	9.60	9.50	9.70	7.90
Sanchez, Arthur	9.50	9.60	8.40	8.20	9.50	9.60	9.60	8.20
Veiga, Victor	9.70	9.40	9.20	9.20	9.60	9.40	9.80	9.10
Viera, Ralph B.	9.80	9.40	9.10	8.60	9.40	9.10	9.40	9.00
Zalewski, John	9.70	9.60	9.10	9.00	9.60	9.30	9.70	9.00
MAXIMUM	9.80	9.70	9.30	9.20	9.70	9.70	9.80	9.10
MINIMUM	9.30	9.30	8.20	7.50	9.36	8.83	9.37	7.90
RANGE(MAX-MIN)	0.500	0.400	1.100	1.700	0.340	0.870	0.430	1.200
MEAN	9.632	9.533	8.803	8.385	9.536	9.329	9.628	8.591
STANDARD DEVIATION	0.175	0.128	0.398	0.508	0.097	0.275	0.145	0.409
N SIZE	15.000							

Part ID= K1-8 - INTAKE VALVE SET

K1-8 YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	P1	P2	P3	P4	P5	P6	P7	P8
Barrera, Tony	-1.90	-1.83	0.50	0.42	-1.41	-1.20	-1.57	0.76
Campbell, Bryan	-0.76	0.91	-1.01	-1.74	-0.37	0.62	1.19	-1.20
Cumberworth, Lee	0.85	-1.83	-1.42	-1.11	-0.58	-1.81	-1.78	-0.56
DeCapite, Vanessa	0.96	0.52	1.00	1.21	0.66	1.35	0.50	1.24
Foecking, Brian	0.39	-0.26	-0.51	-0.36	0.66	-0.10	-0.19	-0.47
Kobrinetz, Joaquin J.	0.96	-0.26	-1.52	-0.95	-1.82	-1.56	-0.88	-1.20
Lonsway, Chris	-1.90	1.31	0.24	0.42	0.66	0.26	0.50	1.00
Lopez, Frank	-0.18	0.52	0.75	-0.36	1.70	1.35	0.50	-0.22
Lowsky, John	0.96	0.91	1.25	0.72	0.66	-0.47	0.84	-0.22
Pitta, Jimmy	-0.76	0.52	0.50	0.23	-0.37	0.62	0.50	0.27
Rodriguez, Jesus (Jesse)	0.39	0.52	-1.26	-1.35	0.66	0.62	0.50	-1.69
Sanchez, Arthur	-0.76	0.52	-1.01	-0.36	-0.37	0.99	-0.19	-0.95
Veiga, Victor	0.39	-1.04	1.00	1.60	0.66	0.26	1.19	1.24
Viera, Ralph B.	0.96	-1.04	0.75	0.42	-1.41	-0.83	-1.57	1.00
Zalewski, John	0.39	0.52	0.75	1.21	0.66	-0.10	0.50	1.00
MAXIMUM	-1.90	-1.83	-1.52	-1.74	-1.82	-1.81	-1.78	-1.69
MINIMUM	-0.18	-0.26	0.24	0.23	-0.37	-0.10	-0.19	-0.22
RANGE(MAX-MIN)	-1.718	-1.566	-1.761	-1.968	-1.450	-1.709	-1.588	-1.466
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
N SIZE	15.000							

## LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Part ID= P1-8 - SEQ. V PISTONS

Rated Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI
Aguirre, Nancy P	9.01	8.95	8.74	8.67	9.02	8.77	8.62	8.56
Barrera, Tony	8.98	8.68	8.42	8.43	8.87	8.59	8.44	8.44
Cales, Jonathon	9.19	8.90	8.62	8.64	9.12	8.94	8.76	8.60
Campbell, Bryan	8.80	8.72	7.98	8.19	8.09	8.13	8.00	7.92
DeCapite, Vanessa	8.99	8.58	8.22	8.31	9.08	8.77	8.30	8.25
Foecking, Brian	9.25	9.14	8.46	8.71	9.15	8.77	8.62	8.41
Hills, Barry	8.81	8.69	8.61	8.80	8.74	8.76	8.73	8.68
Kobrinetz, Joaquin J.	9.10	8.80	8.47	8.47	8.96	8.64	8.55	8.46
Kraemer, Vernon	8.58	7.99	7.92	7.81	8.78	8.47	8.46	7.96
Lonsway, Chris	8.97	8.49	8.19	8.21	9.21	8.49	8.15	8.12
Lopez, Frank	9.09	8.82	8.31	8.47	9.44	8.76	8.40	8.18
Lowsky, John	9.51	9.30	8.64	8.95	9.33	9.14	8.78	8.69
May, Marianne	9.21	9.08	8.61	8.43	9.13	8.77	8.46	8.36
Ramirez, Ray	8.28	7.78	7.08	6.91	6.98	6.73	5.86	6.47
Sanchez, Arthur	9.22	8.96	8.62	8.66	9.15	8.84	8.58	8.61
Veiga, Victor	9.48	9.14	9.21	9.20	9.59	9.42	9.19	9.28
Viera, Ralph B.	9.05	8.51	8.40	8.52	9.20	8.70	8.70	8.01
Zalewski, John	9.08	8.73	8.76	8.77	9.37	9.06	8.82	8.63
MAXIMUM	9.51	9.30	9.21	9.20	9.59	9.42	9.19	9.28
MINIMUM	8.28	7.78	7.08	6.91	6.98	6.73	5.86	6.47
RANGE(MAX-MIN)	1.230	1.520	2.130	2.290	2.610	2.690	3.330	2.810
MEAN	9.033	8.737	8.403	8.453	8.956	8.653	8.412	8.313
STANDARD DEVIATION	0.293	0.384	0.446	0.495	0.592	0.554	0.691	0.565
N SIZE	18.000							

Part ID= P1-8 - SEQ. V PISTONS

P1-8 YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI
Aguirre, Nancy P	-0.08	0.56	0.75	0.44	0.11	0.21	0.30	0.44
Barrera, Tony	-0.18	-0.15	0.04	-0.05	-0.15	-0.11	0.04	0.23
Cales, Jonathon	0.53	0.43	0.49	0.38	0.28	0.52	0.50	0.51
Campbell, Bryan	-0.80	-0.04	-0.95	-0.53	-1.46	-0.94	-0.60	-0.70
DeCapite, Vanessa	-0.15	-0.41	-0.41	-0.29	0.21	0.21	-0.16	-0.11
Foecking, Brian	0.74	1.05	0.13	0.52	0.33	0.21	0.30	0.17
Hills, Barry	-0.76	-0.12	0.46	0.70	-0.36	0.19	0.46	0.65
Kobrinetz, Joaquin J.	0.23	0.16	0.15	0.03	0.01	-0.02	0.20	0.26
Kraemer, Vernon	-1.55	-1.94	-1.08	-1.30	-0.30	-0.33	0.07	-0.62
Lonsway, Chris	-0.22	-0.64	-0.48	-0.49	0.43	-0.29	-0.38	-0.34
Lopez, Frank	0.19	0.22	-0.21	0.03	0.82	0.19	-0.02	-0.24
Lowsky, John	1.63	1.47	0.53	1.00	0.63	0.88	0.53	0.67
May, Marianne	0.60	0.89	0.46	-0.05	0.29	0.21	0.07	0.08
Ramirez, Ray	-2.57	-2.49	-2.97	-3.12	-3.34	-3.47	-3.69	-3.26
Sanchez, Arthur	0.64	0.58	0.49	0.42	0.33	0.34	0.24	0.53
Veiga, Victor	1.52	1.05	1.81	1.51	1.07	1.38	1.13	1.71
Viera, Ralph B.	0.06	-0.59	-0.01	0.14	0.41	0.09	0.42	-0.54
Zalewski, John	0.16	-0.02	0.80	0.64	0.70	0.73	0.59	0.56
MAXIMUM	-2.57	-2.49	-2.97	-3.12	-3.34	-3.47	-3.69	-3.26
MINIMUM	0.06	-0.02	-0.01	0.03	0.01	-0.02	-0.02	0.08
RANGE(MAX-MIN)	-2.627	-2.473	-2.958	-3.151	-3.343	-3.446	-3.676	-3.347
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
N SIZE	18.000							

## LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Part ID= P1-8 - SEQ. V PISTONS

Rated Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI
Aguirre, Nancy P	9.01	8.95	8.74	8.67	9.02	8.77	8.62	8.56
Barrera, Tony	8.98	8.68	8.42	8.43	8.87	8.59	8.44	8.44
Cales, Jonathon	9.19	8.90	8.62	8.64	9.12	8.94	8.76	8.60
Campbell, Bryan	8.80	8.72	7.98	8.19	8.09	8.13	8.00	7.92
DeCapite, Vanessa	8.99	8.58	8.22	8.31	9.08	8.77	8.30	8.25
Foecking, Brian	9.25	9.14	8.46	8.71	9.15	8.77	8.62	8.41
Hills, Barry	8.81	8.69	8.61	8.80	8.74	8.76	8.73	8.68
Kobrinetz, Joaquin J.	9.10	8.80	8.47	8.47	8.96	8.64	8.55	8.46
Kraemer, Vernon	8.58	7.99	7.92	7.81	8.78	8.47	8.46	7.96
Lonsway, Chris	8.97	8.49	8.19	8.21	9.21	8.49	8.15	8.12
Lopez, Frank	9.09	8.82	8.31	8.47	9.44	8.76	8.40	8.18
Lowsky, John	9.51	9.30	8.64	8.95	9.33	9.14	8.78	8.69
May, Marianne	9.21	9.08	8.61	8.43	9.13	8.77	8.46	8.36
Sanchez, Arthur	9.22	8.96	8.62	8.66	9.15	8.84	8.58	8.61
Veiga, Victor	9.48	9.14	9.21	9.20	9.59	9.42	9.19	9.28
Viera, Ralph B.	9.05	8.51	8.40	8.52	9.20	8.70	8.70	8.01
Zalewski, John	9.08	8.73	8.76	8.77	9.37	9.06	8.82	8.63
MAXIMUM	9.51	9.30	9.21	9.20	9.59	9.42	9.19	9.28
MINIMUM	8.58	7.99	7.92	7.81	8.09	8.13	8.00	7.92
RANGE(MAX-MIN)	0.930	1.310	1.290	1.390	1.500	1.290	1.190	1.360
MEAN	9.078	8.793	8.481	8.544	9.072	8.766	8.562	8.421
STANDARD DEVIATION	0.232	0.310	0.309	0.321	0.338	0.286	0.276	0.338
N SIZE	17.000							

Part ID= P1-8 - SEQ. V PISTONS

P1-8 Y1 Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI
Aguirre, Nancy P	-0.29	0.51	0.84	0.39	-0.15	0.01	0.21	0.41
Barrera, Tony	-0.42	-0.36	-0.20	-0.35	-0.60	-0.61	-0.44	0.06
Cales, Jonathon	0.48	0.35	0.45	0.30	0.14	0.61	0.72	0.53
Campbell, Bryan	-1.20	-0.24	-1.62	-1.10	-2.91	-2.22	-2.04	-1.48
DeCapite, Vanessa	-0.38	-0.69	-0.84	-0.73	0.02	0.01	-0.95	-0.51
Foecking, Brian	0.74	1.12	-0.07	0.52	0.23	0.01	0.21	-0.03
Hills, Barry	-1.15	-0.33	0.42	0.80	-0.98	-0.02	0.61	0.77
Kobrinetz, Joaquin J.	0.10	0.02	-0.04	-0.23	-0.33	-0.44	-0.04	0.12
Kraemer, Vernon	-2.15	-2.59	-1.81	-2.29	-0.86	-1.03	-0.37	-1.37
Lonsway, Chris	-0.46	-0.98	-0.94	-1.04	0.41	-0.96	-1.49	-0.89
Lopez, Frank	0.05	0.09	-0.55	-0.23	1.09	-0.02	-0.59	-0.71
Lowsky, John	1.86	1.63	0.51	1.27	0.76	1.31	0.79	0.80
May, Marianne	0.57	0.93	0.42	-0.35	0.17	0.01	-0.37	-0.18
Sanchez, Arthur	0.61	0.54	0.45	0.36	0.23	0.26	0.06	0.56
Veiga, Victor	1.74	1.12	2.36	2.05	1.53	2.29	2.27	2.54
Viera, Ralph B.	-0.12	-0.91	-0.26	-0.07	0.38	-0.23	0.50	-1.22
Zalewski, John	0.01	-0.20	0.90	0.71	0.88	1.03	0.93	0.62
MAXIMUM	-2.15	-2.59	2.36	-2.29	-2.91	2.29	2.27	2.54
MINIMUM	0.01	0.02	-0.04	-0.07	0.02	0.01	-0.04	-0.03
RANGE(MAX-MIN)	-2.157	-2.611	2.391	-2.214	-2.929	2.272	2.319	2.577
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
N SIZE	17.000							



## LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Part ID= Q1-8 - SEQ. V PISTONS

Rated Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI
Adams, Patrick	9.17	9.16	8.78	8.75	9.49	8.96	9.00	9.01
Aguirre, Nancy P	9.00	8.99	8.90	8.89	9.13	8.96	8.95	8.98
Barrera, Tony	8.81	8.72	8.62	8.60	9.00	8.73	8.62	8.68
Cales, Jonathon	8.72	8.78	8.70	8.34	8.76	8.65	8.62	8.68
Caproni, David	9.04	8.70	8.68	8.97	9.18	8.97	8.66	8.64
Castillo, George	8.95	8.75	8.32	8.35	9.49	8.78	8.78	8.73
DeCapite, Vanessa	8.85	8.79	8.13	8.03	9.25	8.77	8.44	8.53
Greenland, Paul	8.89	8.74	8.61	8.46	9.20	8.97	8.74	8.66
Grundza, Richard	9.12	8.74	8.72	8.66	9.18	8.83	8.74	8.76
Hills, Barry	8.75	8.73	8.73	8.55	8.96	8.87	8.77	8.78
King, Jennifer	9.27	9.33	9.06	8.90	9.40	9.25	9.17	9.27
Lam, Eddie	8.45	8.05	8.20	8.30	8.68	8.26	8.02	8.85
Lonsway, Chris	9.11	8.73	8.42	8.30	9.25	8.73	8.45	8.47
May, Marianne	8.89	8.84	8.50	8.53	9.29	8.98	8.64	8.62
Ramirez, Ray	8.06	7.46	7.39	7.28	8.23	7.64	7.50	7.83
Rodriguez, Jesus (Jesse)	8.79	8.63	8.21	8.00	9.35	8.89	8.45	8.76
Sanchez, Arthur	9.13	9.02	8.84	8.95	9.43	9.01	9.09	9.03
Trevino, Bobby	8.83	8.73	8.62	8.52	8.81	8.70	8.65	8.72
Veiga, Victor	9.29	9.33	9.09	9.39	9.67	9.38	9.01	9.33
MAXIMUM	9.29	9.33	9.09	9.39	9.67	9.38	9.17	9.33
MINIMUM	8.06	7.46	7.39	7.28	8.23	7.64	7.50	7.83
RANGE(MAX-MIN)	1.230	1.870	1.700	2.110	1.440	1.740	1.670	1.500
MEAN	8.901	8.748	8.554	8.514	9.145	8.807	8.647	8.754
STANDARD DEVIATION	0.292	0.419	0.391	0.454	0.343	0.367	0.387	0.320
N SIZE	19.000							

Part ID= Q1-8 - SEQ. V PISTONS

Q1-8 Yi Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI
Adams, Patrick	0.92	0.98	0.58	0.52	1.01	0.42	0.91	0.80
Aguirre, Nancy P	0.34	0.58	0.88	0.83	-0.04	0.42	0.78	0.71
Barrera, Tony	-0.31	-0.07	0.17	0.19	-0.42	-0.21	-0.07	-0.23
Cales, Jonathon	-0.62	0.08	0.37	-0.38	-1.12	-0.43	-0.07	-0.23
Caproni, David	0.48	-0.12	0.32	1.00	0.10	0.45	0.03	-0.36
Castillo, George	0.17	0.00	-0.60	-0.36	1.01	-0.07	0.34	-0.08
DeCapite, Vanessa	-0.18	0.10	-1.08	-1.07	0.31	-0.10	-0.54	-0.70
Greenland, Paul	-0.04	-0.02	0.14	-0.12	0.16	0.45	0.24	-0.29
Grundza, Richard	0.75	-0.02	0.42	0.32	0.10	0.06	0.24	0.02
Hills, Barry	-0.52	-0.04	0.45	0.08	-0.54	0.17	0.32	0.08
King, Jennifer	1.27	1.39	1.29	0.85	0.74	1.21	1.35	1.61
Lam, Eddie	-1.55	-1.67	-0.90	-0.47	-1.35	-1.49	-1.62	0.30
Lonsway, Chris	0.72	-0.04	-0.34	-0.47	0.31	-0.21	-0.51	-0.89
May, Marianne	-0.04	0.22	-0.14	0.03	0.42	0.47	-0.02	-0.42
Ramirez, Ray	-2.88	-3.08	-2.97	-2.72	-2.67	-3.18	-2.96	-2.89
Rodriguez, Jesus (Jesse)	-0.38	-0.28	-0.88	-1.13	0.60	0.23	-0.51	0.02
Sanchez, Arthur	0.79	0.65	0.73	0.96	0.83	0.55	1.14	0.86
Trevino, Bobby	-0.24	-0.04	0.17	0.01	-0.98	-0.29	0.01	-0.11
Veiga, Victor	1.33	1.39	1.37	1.93	1.53	1.56	0.94	1.80
MAXIMUM	-2.88	-3.08	-2.97	-2.72	-2.67	-3.18	-2.96	-2.89
MINIMUM	-0.04	0.00	-0.14	0.01	-0.04	0.06	0.01	0.02
RANGE(MAX-MIN)	-2.847	-3.081	-2.836	-2.730	-2.623	-3.247	-2.970	-2.910
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
N SIZE	19.000							

## LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Part ID= R1-8 - SEQ. V PISTONS

Rated Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI
Adams, Patrick	8.99	8.98	8.86	8.58	8.75	8.84	8.57	8.69
Barrera, Tony	8.65	8.54	8.29	8.17	8.59	8.47	8.22	8.32
Caproni, David	9.01	8.52	8.42	8.34	8.92	8.48	8.46	8.56
Cumberworth, Lee	8.60	8.67	8.40	8.44	8.88	8.54	8.43	8.64
Foecking, Brian	8.59	8.45	8.31	8.12	8.74	8.39	8.21	8.35
Hurst, Kevin R.	8.97	8.84	8.75	8.65	8.96	8.76	8.70	8.76
Kobrinetz, Joaquin J.	8.78	8.86	8.75	8.34	8.79	8.56	8.46	8.63
Lam, Eddie	8.24	8.12	7.75	7.82	7.98	7.87	7.61	8.10
Lonsway, Chris	8.46	8.33	8.02	7.86	8.79	7.99	7.87	8.22
Lopez, Frank	8.80	8.77	8.56	8.38	8.78	8.57	8.29	8.74
Potocar, William P	8.59	8.47	8.32	8.19	8.72	8.46	8.27	8.39
Rodríguez, Jesus (Jesse)	8.56	8.45	7.99	7.62	8.58	7.81	7.66	8.15
Viera, Ralph B.	8.79	8.61	8.50	8.52	8.66	8.63	8.33	8.64
MAXIMUM	9.01	8.98	8.86	8.65	8.96	8.84	8.70	8.76
MINIMUM	8.24	8.12	7.75	7.62	7.98	7.81	7.61	8.10
RANGE(MAX-MIN)	0.770	0.860	1.110	1.030	0.980	1.030	1.090	0.660
MEAN	8.695	8.585	8.378	8.233	8.703	8.413	8.237	8.476
STANDARD DEVIATION	0.224	0.237	0.323	0.312	0.245	0.324	0.334	0.231
N SIZE	13.000							

Part ID= R1-8 - SEQ. V PISTONS

R1-8 YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI
Adams, Patrick	1.32	1.66	1.49	1.11	0.19	1.32	1.00	0.92
Barrera, Tony	-0.20	-0.19	-0.27	-0.20	-0.46	0.18	-0.05	-0.68
Caproni, David	1.41	-0.28	0.13	0.34	0.88	0.21	0.67	0.36
Cumberworth, Lee	-0.42	0.36	0.07	0.66	0.72	0.39	0.58	0.71
Foecking, Brian	-0.47	-0.57	-0.21	-0.36	0.15	-0.07	-0.08	-0.55
Hurst, Kevin R.	1.23	1.07	1.15	1.34	1.05	1.07	1.39	1.23
Kobrinetz, Joaquin J.	0.38	1.16	1.15	0.34	0.35	0.45	0.67	0.67
Lam, Eddie	-2.03	-1.96	-1.95	-1.32	-2.95	-1.68	-1.88	-1.63
Lonsway, Chris	-1.05	-1.08	-1.11	-1.20	0.35	-1.31	-1.10	-1.11
Lopez, Frank	0.47	0.78	0.56	0.78	0.31	0.48	0.16	1.14
Potocar, William P	-0.47	-0.49	-0.18	-0.14	0.07	0.14	0.10	-0.37
Rodríguez, Jesus (Jesse)	-0.60	-0.57	-1.20	-1.97	-0.50	-1.86	-1.73	-1.41
Viera, Ralph B.	0.43	0.10	0.38	0.92	-0.18	0.67	0.28	0.71
MAXIMUM	-2.03	-1.96	-1.95	-1.97	-2.95	-1.86	-1.88	-1.63
MINIMUM	-0.20	0.10	0.07	-0.14	0.07	-0.07	-0.05	0.36
RANGE(MAX-MIN)	-1.829	-2.065	-2.015	-1.827	-3.017	-1.790	-1.828	-1.990
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
N SIZE	13.000							

## LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Part ID= R1-8 - SEQ. V PISTONS

Rated Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI
Adams, Patrick	8.99	8.98	8.86	8.58	8.75	8.84	8.57	8.69
Barrera, Tony	8.65	8.54	8.29	8.17	8.59	8.47	8.22	8.32
Caproni, David	9.01	8.52	8.42	8.34	8.92	8.48	8.46	8.56
Cumberworth, Lee	8.60	8.67	8.40	8.44	8.88	8.54	8.43	8.64
Foecking, Brian	8.59	8.45	8.31	8.12	8.74	8.39	8.21	8.35
Hurst, Kevin R.	8.97	8.84	8.75	8.65	8.96	8.76	8.70	8.76
Kobrinetz, Joaquin J.	8.78	8.86	8.75	8.34	8.79	8.56	8.46	8.63
Lonsway, Chris	8.46	8.33	8.02	7.86	8.79	7.99	7.87	8.22
Lopez, Frank	8.80	8.77	8.56	8.38	8.78	8.57	8.29	8.74
Potocar, William P	8.59	8.47	8.32	8.19	8.72	8.46	8.27	8.39
Rodriguez, Jesus (Jesse)	8.56	8.45	7.99	7.62	8.58	7.81	7.66	8.15
Viera, Ralph B.	8.79	8.61	8.50	8.52	8.66	8.63	8.33	8.64
MAXIMUM	9.01	8.98	8.86	8.65	8.96	8.84	8.70	8.76
MINIMUM	8.46	8.33	7.99	7.62	8.58	7.81	7.66	8.15
RANGE(MAX-MIN)	0.550	0.650	0.870	1.030	0.380	1.030	1.040	0.610
MEAN	8.733	8.624	8.431	8.268	8.763	8.458	8.289	8.508
STANDARD DEVIATION	0.186	0.200	0.273	0.299	0.119	0.292	0.288	0.211
N SIZE	12.000							

Part ID= R1-8 - SEQ. V PISTONS

R1-8 YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI
Adams, Patrick	1.39	1.78	1.57	1.05	-0.11	1.31	0.98	0.87
Barrera, Tony	-0.44	-0.42	-0.52	-0.33	-1.46	0.04	-0.24	-0.89
Caproni, David	1.50	-0.52	-0.04	0.24	1.32	0.07	0.59	0.25
Cumberworth, Lee	-0.71	0.23	-0.11	0.58	0.98	0.28	0.49	0.63
Foecking, Brian	-0.77	-0.87	-0.44	-0.49	-0.20	-0.23	-0.28	-0.75
Hurst, Kevin R.	1.28	1.08	1.17	1.28	1.65	1.03	1.43	1.20
Kobrinetz, Joaquin J.	0.26	1.18	1.17	0.24	0.22	0.35	0.59	0.58
Lonsway, Chris	-1.47	-1.47	-1.50	-1.36	0.22	-1.60	-1.46	-1.36
Lopez, Frank	0.36	0.73	0.47	0.38	0.14	0.38	0.00	1.10
Potocar, William P	-0.77	-0.77	-0.41	-0.26	-0.36	0.01	-0.07	-0.56
Rodriguez, Jesus (Jesse)	-0.93	-0.87	-1.61	-2.17	-1.54	-2.22	-2.19	-1.70
Viera, Ralph B.	0.31	-0.07	0.25	0.84	-0.87	0.59	0.14	0.63
MAXIMUM	1.50	1.78	-1.61	-2.17	1.65	-2.22	-2.19	-1.70
MINIMUM	0.26	-0.07	-0.04	0.24	-0.11	0.01	0.00	0.25
RANGE(MAX-MIN)	1.239	1.847	-1.575	-2.408	1.767	-2.223	-2.190	-1.946
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
N SIZE	12.000							

## LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Part ID= S1-8 - SEQ. V PISTONS

Rated Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI
Campbell, Bryan	8.34	8.27	8.17	8.11	8.45	8.30	8.25	8.20
Castillo, George	9.15	8.91	8.67	8.48	9.15	8.86	8.39	8.53
Cumberworth, Lee	8.93	8.74	8.40	8.50	8.84	8.53	8.46	8.52
Greenland, Paul	9.27	9.10	8.80	8.60	9.27	9.00	8.44	8.36
Hurst, Kevin R.	9.06	9.07	8.87	8.76	9.07	8.84	8.77	8.76
King, Jennifer	9.21	9.10	8.86	8.53	9.16	9.07	8.67	8.46
Kraemer, Vernon	8.71	8.30	8.24	8.36	8.44	8.86	8.32	8.22
Lowsky, John	9.45	9.38	9.07	9.11	9.44	9.09	8.71	9.23
May, Marianne	9.14	9.01	8.82	8.48	9.06	8.87	8.52	8.77
Potocar, William P	8.85	8.73	8.46	8.50	8.82	9.04	8.35	8.40
Trevino, Bobby	8.74	8.69	8.48	8.46	8.75	8.60	8.33	8.43
Zalewski, John	9.24	8.69	9.20	8.98	9.22	8.80	8.67	8.83
MAXIMUM	9.45	9.38	9.20	9.11	9.44	9.09	8.77	9.23
MINIMUM	8.34	8.27	8.17	8.11	8.44	8.30	8.25	8.20
RANGE(MAX-MIN)	1.110	1.110	1.030	1.000	1.000	0.790	0.520	1.030
MEAN	9.008	8.833	8.670	8.573	8.973	8.822	8.490	8.559
STANDARD DEVIATION	0.307	0.330	0.323	0.268	0.316	0.238	0.175	0.293
N SIZE	12.000							

Part ID= S1-8 - SEQ. V PISTONS

S1-8 Yi Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI
Campbell, Bryan	-2.17	-1.71	-1.55	-1.72	-1.65	-2.19	-1.37	-1.22
Castillo, George	0.46	0.24	0.00	-0.34	0.56	0.16	-0.57	-0.10
Cumberworth, Lee	-0.25	-0.28	-0.84	-0.27	-0.42	-1.22	-0.17	-0.13
Greenland, Paul	0.86	0.81	0.40	0.10	0.94	0.75	-0.29	-0.68
Hurst, Kevin R.	0.17	0.72	0.62	0.70	0.31	0.08	1.60	0.68
King, Jennifer	0.66	0.81	0.59	-0.16	0.59	1.04	1.03	-0.34
Kraemer, Vernon	-0.97	-1.61	-1.33	-0.79	-1.68	0.16	-0.97	-1.16
Lowsky, John	1.44	1.66	1.24	2.00	1.48	1.13	1.26	2.29
May, Marianne	0.43	0.54	0.47	-0.34	0.28	0.20	0.17	0.72
Potocar, William P	-0.51	-0.31	-0.65	-0.27	-0.48	0.92	-0.80	-0.54
Trevino, Bobby	-0.87	-0.43	-0.59	-0.42	-0.70	-0.93	-0.91	-0.44
Zalewski, John	0.76	-0.43	1.64	1.52	0.78	-0.09	1.03	0.92
MAXIMUM	-2.17	-1.71	1.64	2.00	-1.68	-2.19	1.60	2.29
MINIMUM	0.17	0.24	0.00	0.10	0.28	0.08	-0.17	-0.10
RANGE(MAX-MIN)	-2.345	-1.941	1.643	1.901	-1.962	-2.264	1.770	2.387
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
N SIZE	12.000							

## LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Part ID= X1 - DV4 PISTON

Rated Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT
Cales, Jonathon	0.73	4.69	9.95	6.06	9.95
Campbell, Bryan	0.71	7.72	9.80	4.97	9.66
Cumberworth, Lee	0.74	5.30	9.90	5.98	9.92
DeCapite, Vanessa	0.73	5.31	9.80	5.81	9.80
Foecking, Brian	0.74	5.03	9.96	5.95	9.91
Grundza, Richard	0.73	5.93	9.50	5.01	9.80
Hills, Barry	0.75	4.81	9.80	6.21	9.80
Hurst, Kevin R.	0.74	5.55	9.64	5.27	9.54
Lonsway, Chris	0.73	5.29	9.85	5.84	9.80
Lopez, Frank	0.72	5.13	9.90	6.10	9.90
Lowsky, John	0.65	5.24	9.61	6.44	9.64
Potocar, William P	0.74	4.78	9.80	6.43	9.80
Rodriguez, Jesus (Jesse)	0.72	4.75	9.70	6.86	9.80
Sanchez, Arthur	0.72	5.53	9.70	6.00	9.70
Viera, Ralph B.	0.73	4.87	9.36	5.87	9.61
Zalewski, John	0.73	5.50	9.85	5.36	9.85
MAXIMUM	0.75	7.72	9.96	6.86	9.95
MINIMUM	0.65	4.69	9.36	4.97	9.54
RANGE(MAX-MIN)	0.100	3.030	0.600	1.890	0.410
MEAN	0.726	5.339	9.758	5.885	9.780
STANDARD DEVIATION	0.023	0.724	0.165	0.518	0.119
N SIZE	16.000				

Part ID= X1 - DV4 PISTON

X1 Y1 Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT
Cales, Jonathon	0.19	-0.90	1.17	0.34	1.42
Campbell, Bryan	-0.69	3.29	0.26	-1.77	-1.00
Cumberworth, Lee	0.64	-0.05	0.86	0.18	1.17
DeCapite, Vanessa	0.19	-0.04	0.26	-0.14	0.17
Foecking, Brian	0.64	-0.43	1.23	0.13	1.09
Grundza, Richard	0.19	0.82	-1.56	-1.69	0.17
Hills, Barry	1.08	-0.73	0.26	0.63	0.17
Hurst, Kevin R.	0.64	0.29	-0.71	-1.19	-2.01
Lonsway, Chris	0.19	-0.07	0.56	-0.09	0.17
Lopez, Frank	-0.25	-0.29	0.86	0.41	1.00
Lowsky, John	-3.36	-0.14	-0.89	1.07	-1.17
Potocar, William P	0.64	-0.77	0.26	1.05	0.17
Rodriguez, Jesus (Jesse)	-0.25	-0.81	-0.35	1.88	0.17
Sanchez, Arthur	-0.25	0.26	-0.35	0.22	-0.67
Viera, Ralph B.	0.19	-0.65	-2.41	-0.03	-1.42
Zalewski, John	0.19	0.22	0.56	-1.01	0.59
MAXIMUM	-3.36	3.29	-2.41	1.88	-2.01
MINIMUM	0.19	-0.04	0.26	-0.03	0.17
RANGE(MAX-MIN)	-3.556	3.329	-2.663	1.910	-2.177
MEAN	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000
N SIZE	16.000				

## LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Part ID= X1 - DV4 PISTON

Rated Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT
Cales, Jonathon	0.73	4.69	9.95	6.06	9.95
Cumberworth, Lee	0.74	5.30	9.90	5.98	9.92
DeCapite, Vanessa	0.73	5.31	9.80	5.81	9.80
Foecking, Brian	0.74	5.03	9.96	5.95	9.91
Grundza, Richard	0.73	5.93	9.50	5.01	9.80
Hills, Barry	0.75	4.81	9.80	6.21	9.80
Hurst, Kevin R.	0.74	5.55	9.64	5.27	9.54
Lonsway, Chris	0.73	5.29	9.85	5.84	9.80
Lopez, Frank	0.72	5.13	9.90	6.10	9.90
Potocar, William P	0.74	4.78	9.80	6.43	9.80
Rodriguez, Jesus (Jesse)	0.72	4.75	9.70	6.86	9.80
Sanchez, Arthur	0.72	5.53	9.70	6.00	9.70
Viera, Ralph B.	0.73	4.87	9.36	5.87	9.61
Zalewski, John	0.73	5.50	9.85	5.36	9.85
MAXIMUM	0.75	5.93	9.96	6.86	9.95
MINIMUM	0.72	4.69	9.36	5.01	9.54
RANGE(MAX-MIN)	0.030	1.240	0.600	1.850	0.410
MEAN	0.732	5.176	9.765	5.911	9.799
STANDARD DEVIATION	0.009	0.373	0.172	0.470	0.116
N SIZE	14.000				

Part ID= X1 - DV4 PISTON

X1 Y1 Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT
Cales, Jonathon	-0.24	-1.30	1.07	0.32	1.30
Cumberworth, Lee	0.88	0.33	0.78	0.15	1.05
DeCapite, Vanessa	-0.24	0.36	0.20	-0.21	0.01
Foecking, Brian	0.88	-0.39	1.13	0.08	0.96
Grundza, Richard	-0.24	2.02	-1.54	-1.92	0.01
Hills, Barry	2.00	-0.98	0.20	0.64	0.01
Hurst, Kevin R.	0.88	1.00	-0.73	-1.36	-2.23
Lonsway, Chris	-0.24	0.30	0.49	-0.15	0.01
Lopez, Frank	-1.36	-0.12	0.78	0.40	0.87
Potocar, William P	0.88	-1.06	0.20	1.10	0.01
Rodriguez, Jesus (Jesse)	-1.36	-1.14	-0.38	2.02	0.01
Sanchez, Arthur	-1.36	0.95	-0.38	0.19	-0.85
Viera, Ralph B.	-0.24	-0.82	-2.35	-0.09	-1.62
Zalewski, John	-0.24	0.87	0.49	-1.17	0.44
MAXIMUM	2.00	2.02	-2.35	2.02	-2.23
MINIMUM	-0.24	-0.12	0.20	0.08	0.01
RANGE(MAX-MIN)	2.241	2.144	-2.556	1.935	-2.240
MEAN	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000
N SIZE	14.000				

## LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Part ID= Y1 - DV4 PISTON

Rated Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT
Adams, Patrick	0.74	1.13	7.40	1.58	8.60
Cales, Jonathon	0.74	1.01	9.77	1.29	9.89
Caproni, David	0.65	1.19	9.80	2.79	9.90
Cumberworth, Lee	0.74	1.26	9.70	1.47	9.86
DeCapite, Vanessa	0.71	1.87	9.57	1.98	9.80
Foecking, Brian	0.70	1.38	9.50	1.40	9.78
Greenland, Paul	0.68	1.68	9.72	1.20	9.80
Grundza, Richard	1.06	1.32	8.42	2.28	9.22
Kobrinetz, Joaquin J.	0.72	1.49	9.62	1.71	9.86
Lam, Eddie	0.69	1.72	9.86	1.49	9.79
Lonsway, Chris	0.71	1.28	9.70	1.72	9.80
Lopez, Frank	0.72	1.34	9.53	1.32	9.80
Ramirez, Ray	0.55	1.14	9.33	1.64	9.88
Rodriguez, Jesus (Jesse)	0.68	1.79	9.60	1.74	9.60
Veiga, Victor	0.69	1.15	8.39	1.84	7.78
Viera, Ralph B.	0.72	1.01	8.53	1.95	9.25
MAXIMUM	1.06	1.87	9.86	2.79	9.90
MINIMUM	0.55	1.01	7.40	1.20	7.78
RANGE(MAX-MIN)	0.510	0.860	2.460	1.590	2.120
MEAN	0.719	1.360	9.278	1.713	9.538
STANDARD DEVIATION	0.102	0.275	0.704	0.404	0.585
N SIZE	16.000				

Part ID= Y1 - DV4 PISTON

Y1 Y1 Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT
Adams, Patrick	0.21	-0.84	-2.67	-0.33	-1.60
Cales, Jonathon	0.21	-1.27	0.70	-1.05	0.60
Caproni, David	-0.67	-0.62	0.74	2.67	0.62
Cumberworth, Lee	0.21	-0.36	0.60	-0.60	0.55
DeCapite, Vanessa	-0.09	1.86	0.42	0.66	0.45
Foecking, Brian	-0.18	0.07	0.32	-0.77	0.41
Greenland, Paul	-0.38	1.16	0.63	-1.27	0.45
Grundza, Richard	3.34	-0.15	-1.22	1.40	-0.54
Kobrinetz, Joaquin J.	0.01	0.47	0.49	-0.01	0.55
Lam, Eddie	-0.28	1.31	0.83	-0.55	0.43
Lonsway, Chris	-0.09	-0.29	0.60	0.02	0.45
Lopez, Frank	0.01	-0.07	0.36	-0.97	0.45
Ramirez, Ray	-1.65	-0.80	0.07	-0.18	0.58
Rodriguez, Jesus (Jesse)	-0.38	1.57	0.46	0.07	0.11
Veiga, Victor	-0.28	-0.76	-1.26	0.32	-3.01
Viera, Ralph B.	0.01	-1.27	-1.06	0.59	-0.49
MAXIMUM	3.34	1.86	-2.67	2.67	-3.01
MINIMUM	0.01	0.07	0.07	-0.01	0.11
RANGE(MAX-MIN)	3.332	1.784	-2.741	2.671	-3.111
MEAN	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000
N SIZE	16.000				

## LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Part ID= Y1 - DV4 PISTON

Rated Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT
Adams, Patrick	0.74	1.13	7.40	1.58	8.60
Cales, Jonathon	0.74	1.01	9.77	1.29	9.89
Caproni, David	0.65	1.19	9.80	2.79	9.90
Cumberworth, Lee	0.74	1.26	9.70	1.47	9.86
DeCapite, Vanessa	0.71	1.87	9.57	1.98	9.80
Foecking, Brian	0.70	1.38	9.50	1.40	9.78
Greenland, Paul	0.68	1.68	9.72	1.20	9.80
Kobrinetz, Joaquin J.	0.72	1.49	9.62	1.71	9.86
Lam, Eddie	0.69	1.72	9.86	1.49	9.79
Lonsway, Chris	0.71	1.28	9.70	1.72	9.80
Lopez, Frank	0.72	1.34	9.53	1.32	9.80
Ramirez, Ray	0.55	1.14	9.33	1.64	9.88
Rodriguez, Jesus (Jesse)	0.68	1.79	9.60	1.74	9.60
Veiga, Victor	0.69	1.15	8.39	1.84	7.78
Viera, Ralph B.	0.72	1.01	8.53	1.95	9.25
MAXIMUM	0.74	1.87	9.86	2.79	9.90
MINIMUM	0.55	1.01	7.40	1.20	7.78
RANGE(MAX-MIN)	0.190	0.860	2.460	1.590	2.120
MEAN	0.696	1.363	9.335	1.675	9.559
STANDARD DEVIATION	0.048	0.284	0.689	0.388	0.599
N SIZE	15.000				

Part ID= Y1 - DV4 PISTON

Y1 Y1 Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT
Adams, Patrick	0.92	-0.82	-2.81	-0.24	-1.60
Cales, Jonathon	0.92	-1.24	0.63	-0.99	0.55
Caproni, David	-0.96	-0.61	0.68	2.87	0.57
Cumberworth, Lee	0.92	-0.36	0.53	-0.53	0.50
DeCapite, Vanessa	0.29	1.79	0.34	0.79	0.40
Foecking, Brian	0.08	0.06	0.24	-0.71	0.37
Greenland, Paul	-0.33	1.12	0.56	-1.22	0.40
Kobrinetz, Joaquin J.	0.50	0.45	0.41	0.09	0.50
Lam, Eddie	-0.13	1.26	0.76	-0.48	0.39
Lonsway, Chris	0.29	-0.29	0.53	0.12	0.40
Lopez, Frank	0.50	-0.08	0.28	-0.91	0.40
Ramirez, Ray	-3.06	-0.78	-0.01	-0.09	0.54
Rodriguez, Jesus (Jesse)	-0.33	1.50	0.38	0.17	0.07
Veiga, Victor	-0.13	-0.75	-1.37	0.43	-2.97
Viera, Ralph B.	0.50	-1.24	-1.17	0.71	-0.52
MAXIMUM	-3.06	1.79	-2.81	2.87	-2.97
MINIMUM	0.08	0.06	-0.01	-0.09	0.07
RANGE(MAX-MIN)	-3.139	1.725	-2.800	2.963	-3.038
MEAN	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000
N SIZE	15.000				



## LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Part ID= Z1 - DV4 PISTON

Rated Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT
Adams, Patrick	1.49	0.26	3.25	0.11	2.87
Campbell, Bryan	2.14	0.38	3.26	0.20	2.99
Caproni, David	2.58	0.31	3.87	0.21	2.90
Cumberworth, Lee	1.73	0.33	3.51	0.45	2.93
DeCapite, Vanessa	2.19	0.43	4.06	0.49	3.01
Greenland, Paul	3.22	0.15	3.49	0.14	3.20
Hurst, Kevin R.	2.08	0.36	2.93	0.14	2.90
Lam, Eddie	2.85	0.35	3.72	0.49	2.89
Lowsky, John	2.48	0.26	3.64	0.16	3.06
Potocar, William P	1.00	0.30	3.42	0.22	3.19
Ramirez, Ray	1.89	0.52	3.35	0.56	2.43
Sanchez, Arthur	1.39	0.08	3.65	0.38	3.85
Veiga, Victor	2.03	0.30	3.33	0.29	2.68
Zalewski, John	3.00	0.17	3.53	0.27	2.59
MAXIMUM	3.22	0.52	4.06	0.56	3.85
MINIMUM	1.00	0.08	2.93	0.11	2.43
RANGE(MAX-MIN)	2.220	0.440	1.130	0.450	1.420
MEAN	2.148	0.300	3.501	0.294	2.964
STANDARD DEVIATION	0.636	0.114	0.284	0.152	0.332
N SIZE	14.000				

Part ID= Z1 - DV4 PISTON

Z1 Y1 Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT
Adams, Patrick	-1.04	-0.35	-0.88	-1.21	-0.28
Campbell, Bryan	-0.01	0.70	-0.85	-0.62	0.08
Caproni, David	0.68	0.09	1.30	-0.55	-0.19
Cumberworth, Lee	-0.66	0.26	0.03	1.03	-0.10
DeCapite, Vanessa	0.07	1.14	1.97	1.29	0.14
Greenland, Paul	1.69	-1.31	-0.04	-1.01	0.71
Hurst, Kevin R.	-0.11	0.53	-2.01	-1.01	-0.19
Lam, Eddie	1.10	0.44	0.77	1.29	-0.22
Lowsky, John	0.52	-0.35	0.49	-0.88	0.29
Potocar, William P	-1.81	0.00	-0.28	-0.48	0.68
Ramirez, Ray	-0.41	1.93	-0.53	1.75	-1.61
Sanchez, Arthur	-1.19	-1.93	0.53	0.57	2.67
Veiga, Victor	-0.19	0.00	-0.60	-0.02	-0.85
Zalewski, John	1.34	-1.14	0.10	-0.16	-1.13
MAXIMUM	-1.81	1.93	-2.01	1.75	2.67
MINIMUM	-0.01	0.00	0.03	-0.02	0.08
RANGE(MAX-MIN)	-1.794	1.925	-2.046	1.776	2.590
MEAN	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000
N SIZE	14.000				

## LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Part ID= PTOPS - PISTON TOPS

Rated Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI
Barrera, Tony	8.07	8.07	8.04	7.92	8.06	7.48	7.94	7.61
Castillo, George	7.72	7.57	7.79	7.49	7.61	7.30	7.67	7.58
Foecking, Brian	8.27	8.28	8.44	8.38	8.35	7.55	7.66	7.78
Kraemer, Vernon	8.06	8.33	8.24	8.10	8.00	8.01	7.98	8.04
Lonsway, Chris	8.30	8.20	8.30	8.10	8.20	7.80	8.00	8.30
Lopez, Frank	8.28	8.28	7.98	8.23	8.08	7.60	7.93	8.06
Lowsky, John	8.38	8.47	8.50	8.50	8.52	8.17	8.38	8.32
Rodriguez, Jesus (Jesse)	8.07	7.84	7.70	7.80	7.62	6.74	7.07	7.21
Sanchez, Arthur	7.89	7.90	7.84	7.83	7.78	8.21	8.00	7.73
Trevino, Bobby	8.04	8.06	7.95	7.90	7.90	8.06	8.01	7.95
Zalewski, John	8.50	8.60	8.50	8.50	8.60	8.10	8.30	8.40
MAXIMUM	8.50	8.60	8.50	8.50	8.60	8.21	8.38	8.40
MINIMUM	7.72	7.57	7.70	7.49	7.61	6.74	7.07	7.21
RANGE(MAX-MIN)	0.780	1.030	0.800	1.010	0.990	1.470	1.310	1.190
MEAN	8.144	8.145	8.116	8.068	8.065	7.729	7.904	7.907
STANDARD DEVIATION	0.227	0.297	0.293	0.318	0.333	0.451	0.351	0.366
N SIZE	11.000							

Part ID= PTOPS - PISTON TOPS

PTOPS YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI
Barrera, Tony	-0.32	-0.25	-0.26	-0.47	-0.02	-0.55	0.10	-0.81
Castillo, George	-1.87	-1.94	-1.12	-1.82	-1.37	-0.95	-0.67	-0.89
Foecking, Brian	0.56	0.45	1.11	0.98	0.85	-0.40	-0.69	-0.35
Kraemer, Vernon	-0.37	0.62	0.42	0.10	-0.20	0.62	0.22	0.36
Lonsway, Chris	0.69	0.18	0.63	0.10	0.40	0.16	0.27	1.07
Lopez, Frank	0.60	0.45	-0.47	0.51	0.04	-0.29	0.08	0.42
Lowsky, John	1.04	1.09	1.31	1.36	1.36	0.98	1.36	1.13
Rodriguez, Jesus (Jesse)	-0.32	-1.03	-1.42	-0.84	-1.34	-2.20	-2.38	-1.91
Sanchez, Arthur	-1.12	-0.83	-0.94	-0.75	-0.86	1.07	0.27	-0.48
Trevino, Bobby	-0.46	-0.29	-0.57	-0.53	-0.50	0.73	0.30	0.12
Zalewski, John	1.57	1.53	1.31	1.36	1.60	0.82	1.13	1.35
MAXIMUM	-1.87	-1.94	-1.42	-1.82	1.60	-2.20	-2.38	-1.91
MINIMUM	-0.32	0.18	-0.26	0.10	-0.02	0.16	0.08	0.12
RANGE(MAX-MIN)	-1.543	-2.120	-1.162	-1.918	1.620	-2.353	-2.452	-2.022
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
N SIZE	11.000							

## LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Part ID= VRCL - RC SLUDGE L

Rated Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	TOTALS	
Adams, Patrick	9.46	
Aguirre, Nancy P	9.63	
Barrera, Tony	9.70	
Cales, Jonathon	9.54	
Campbell, Bryan	9.48	
Caproni, David	9.58	
Castillo, George	9.57	
Cumberworth, Lee	9.40	
DeCapite, Vanessa	9.58	
Foecking, Brian	9.58	
Greenland, Paul	9.47	
Grundza, Richard	9.43	
Hills, Barry	9.46	
Hurst, Kevin R.	9.60	
King, Jennifer	9.50	
Kobrinetz, Joaquin J.	9.51	
Kraemer, Vernon	9.51	
Lonsway, Chris	9.48	
Lopez, Frank	9.57	
Lowsky, John	9.55	
May, Marianne	9.50	
Potocar, William P	9.50	
Rodriguez, Jesus (Jesse)	9.65	
Sanchez, Arthur	9.55	
Trevino, Bobby	9.53	
Veiga, Victor	9.57	
Viera, Ralph B.	9.38	
Zalewski, John	9.55	
MAXIMUM	9.70	
MINIMUM	9.38	
RANGE(MAX-MIN)	0.320	
MEAN	9.530	
STANDARD DEVIATION	0.073	
N SIZE	28.000	

## LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Part ID= VRCL - RC SLUDGE L

VRCL Yi Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	TOTALS	
Adams, Patrick	-0.96	
Aguirre, Nancy P	1.38	
Barrera, Tony	2.34	
Cales, Jonathon	0.14	
Campbell, Bryan	-0.68	
Caproni, David	0.69	
Castillo, George	0.55	
Cumberworth, Lee	-1.78	
DeCapite, Vanessa	0.69	
Foecking, Brian	0.69	
Greenland, Paul	-0.82	
Grundza, Richard	-1.37	
Hills, Barry	-0.96	
Hurst, Kevin R.	0.97	
King, Jennifer	-0.41	
Kobrinetz, Joaquin J.	-0.27	
Kraemer, Vernon	-0.27	
Lonsway, Chris	-0.68	
Lopez, Frank	0.55	
Lowsky, John	0.28	
May, Marianne	-0.41	
Potocar, William P	-0.41	
Rodriguez, Jesus (Jesse)	1.65	
Sanchez, Arthur	0.28	
Trevino, Bobby	0.00	
Veiga, Victor	0.55	
Viera, Ralph B.	-2.06	
Zalewski, John	0.28	
MAXIMUM	2.34	
MINIMUM	0.00	
RANGE(MAX-MIN)	2.335	
MEAN	0.000	
STANDARD DEVIATION	1.000	
N SIZE	28.000	

## LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Part ID= VRRCR - RC SLUDGE R

Rated Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	TOTALS	
Adams, Patrick	9.52	
Aguirre, Nancy P	9.61	
Barrera, Tony	9.67	
Cales, Jonathon	9.62	
Caproni, David	9.50	
Castillo, George	9.57	
Cumberworth, Lee	9.43	
DeCapite, Vanessa	9.66	
Foecking, Brian	9.55	
Greenland, Paul	9.50	
Grundza, Richard	9.45	
Hills, Barry	9.50	
Hurst, Kevin R.	9.65	
King, Jennifer	9.50	
Kraemer, Vernon	9.53	
Lonsway, Chris	9.48	
Lopez, Frank	9.55	
Lowsky, John	9.50	
May, Marianne	9.50	
Potocar, William P	9.59	
Rodriguez, Jesus (Jesse)	9.61	
Sanchez, Arthur	9.66	
Trevino, Bobby	9.50	
Veiga, Victor	9.35	
Viera, Ralph B.	9.56	
Zalewski, John	9.51	
MAXIMUM	9.67	
MINIMUM	9.35	
RANGE(MAX-MIN)	0.320	
MEAN	9.541	
STANDARD DEVIATION	0.078	
N SIZE	26.000	

## LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Part ID= VRRCR - RC SLUDGE R

VRRCR Yi Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	TOTALS	
Adams, Patrick	-0.27	
Aguirre, Nancy P	0.89	
Barrera, Tony	1.66	
Cales, Jonathon	1.02	
Caproni, David	-0.53	
Castillo, George	0.37	
Cumberworth, Lee	-1.43	
DeCapite, Vanessa	1.53	
Foecking, Brian	0.11	
Greenland, Paul	-0.53	
Grundza, Richard	-1.18	
Hills, Barry	-0.53	
Hurst, Kevin R.	1.40	
King, Jennifer	-0.53	
Kraemer, Vernon	-0.14	
Lonsway, Chris	-0.79	
Lopez, Frank	0.11	
Lowsky, John	-0.53	
May, Marianne	-0.53	
Potocar, William P	0.63	
Rodriguez, Jesus (Jesse)	0.89	
Sanchez, Arthur	1.53	
Trevino, Bobby	-0.53	
Veiga, Victor	-2.46	
Viera, Ralph B.	0.24	
Zalewski, John	-0.40	
MAXIMUM	-2.46	
MINIMUM	0.11	
RANGE(MAX-MIN)	-2.578	
MEAN	0.000	
STANDARD DEVIATION	1.000	
N SIZE	26.000	

## LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Part ID= VRCBL - RC BFL SLUDGE L

Rated Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	TOTALS	
Adams, Patrick	9.40	
Aguirre, Nancy P	9.59	
Barrera, Tony	9.69	
Cales, Jonathon	9.42	
Campbell, Bryan	9.47	
Caproni, David	9.50	
Castillo, George	9.57	
Cumberworth, Lee	9.36	
DeCapite, Vanessa	9.50	
Foecking, Brian	9.50	
Greenland, Paul	9.50	
Grundza, Richard	9.38	
Hills, Barry	9.50	
Hurst, Kevin R.	9.46	
King, Jennifer	9.50	
Kobrinetz, Joaquin J.	9.53	
Kraemer, Vernon	9.48	
Lonsway, Chris	9.50	
Lopez, Frank	9.57	
Lowsky, John	9.40	
May, Marianne	9.47	
Potocar, William P	9.51	
Rodriguez, Jesus (Jesse)	9.63	
Sanchez, Arthur	9.48	
Terrado, Ken	9.45	
Trevino, Bobby	9.50	
Veiga, Victor	9.38	
Viera, Ralph B.	9.60	
Zalewski, John	9.49	
MAXIMUM	9.69	
MINIMUM	9.36	
RANGE(MAX-MIN)	0.330	
MEAN	9.494	
STANDARD DEVIATION	0.076	
N SIZE	29.000	

## LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Part ID= VRCBL - RC BFL SLUDGE L

VRCBL Yi Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	TOTALS	
Adams, Patrick	-1.24	
Aguirre, Nancy P	1.26	
Barrera, Tony	2.57	
Cales, Jonathon	-0.97	
Campbell, Bryan	-0.32	
Caproni, David	0.08	
Castillo, George	1.00	
Cumberworth, Lee	-1.76	
DeCapite, Vanessa	0.08	
Foecking, Brian	0.08	
Greenland, Paul	0.08	
Grundza, Richard	-1.50	
Hills, Barry	0.08	
Hurst, Kevin R.	-0.45	
King, Jennifer	0.08	
Kobrinetz, Joaquin J.	0.47	
Kraemer, Vernon	-0.19	
Lonsway, Chris	0.08	
Lopez, Frank	1.00	
Lowsky, John	-1.24	
May, Marianne	-0.32	
Potocar, William P	0.21	
Rodriguez, Jesus (Jesse)	1.78	
Sanchez, Arthur	-0.19	
Terrado, Ken	-0.58	
Trevino, Bobby	0.08	
Veiga, Victor	-1.50	
Viera, Ralph B.	1.39	
Zalewski, John	-0.05	
MAXIMUM	2.57	
MINIMUM	-0.05	
RANGE(MAX-MIN)	2.625	
MEAN	0.000	
STANDARD DEVIATION	1.000	
N SIZE	29.000	



## LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Part ID= VRCBR - RC BFL SLUDGE R

Rated Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	TOTALS	
Adams, Patrick	9.32	
Aguirre, Nancy P	9.57	
Barrera, Tony	9.52	
Cales, Jonathon	9.57	
Caproni, David	9.30	
Castillo, George	9.53	
Cumberworth, Lee	9.12	
DeCapite, Vanessa	9.44	
Foecking, Brian	9.45	
Greenland, Paul	9.30	
Grundza, Richard	9.37	
Hills, Barry	9.30	
Hurst, Kevin R.	9.57	
King, Jennifer	9.50	
Kraemer, Vernon	9.47	
Lonsway, Chris	9.35	
Lopez, Frank	9.55	
Lowsky, John	9.37	
May, Marianne	9.46	
Potocar, William P	9.39	
Rodriguez, Jesus (Jesse)	9.40	
Sanchez, Arthur	9.39	
Trevino, Bobby	9.47	
Veiga, Victor	9.12	
Viera, Ralph B.	9.56	
Zalewski, John	9.47	
MAXIMUM	9.57	
MINIMUM	9.12	
RANGE(MAX-MIN)	0.450	
MEAN	9.418	
STANDARD DEVIATION	0.125	
N SIZE	26.000	

## LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Part ID= VRCBR - RC BFL SLUDGE R

VRCBR Yi Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	TOTALS	
Adams, Patrick	-0.78	
Aguirre, Nancy P	1.22	
Barrera, Tony	0.82	
Cales, Jonathon	1.22	
Caproni, David	-0.94	
Castillo, George	0.90	
Cumberworth, Lee	-2.39	
DeCapite, Vanessa	0.18	
Foecking, Brian	0.26	
Greenland, Paul	-0.94	
Grundza, Richard	-0.38	
Hills, Barry	-0.94	
Hurst, Kevin R.	1.22	
King, Jennifer	0.66	
Kraemer, Vernon	0.42	
Lonsway, Chris	-0.54	
Lopez, Frank	1.06	
Lowsky, John	-0.38	
May, Marianne	0.34	
Potocar, William P	-0.22	
Rodriguez, Jesus (Jesse)	-0.14	
Sanchez, Arthur	-0.22	
Trevino, Bobby	0.42	
Veiga, Victor	-2.39	
Viera, Ralph B.	1.14	
Zalewski, John	0.42	
MAXIMUM	-2.39	
MINIMUM	-0.14	
RANGE(MAX-MIN)	-2.247	
MEAN	0.000	
STANDARD DEVIATION	1.000	
N SIZE	26.000	

## LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Part ID= VRCBVL - RC BFL VARN L

Rated Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	AVERAG	
Adams, Patrick	9.80	
Aguirre, Nancy P	9.55	
Barrera, Tony	9.65	
Cales, Jonathon	9.68	
Campbell, Bryan	9.70	
Caproni, David	9.70	
Castillo, George	9.74	
Cumberworth, Lee	9.78	
DeCapite, Vanessa	9.51	
Foecking, Brian	9.57	
Greenland, Paul	9.70	
Hills, Barry	9.60	
Hurst, Kevin R.	9.76	
King, Jennifer	9.76	
Kobrinetz, Joaquin J.	9.60	
Kraemer, Vernon	9.70	
Lonsway, Chris	9.60	
Lopez, Frank	9.75	
Lowsky, John	9.42	
May, Marianne	9.75	
Potocar, William P	9.62	
Rodriguez, Jesus (Jesse)	9.90	
Sanchez, Arthur	9.65	
Terrado, Ken	9.60	
Trevino, Bobby	9.70	
Veiga, Victor	9.69	
Viera, Ralph B.	9.60	
Zalewski, John	9.80	
MAXIMUM	9.90	
MINIMUM	9.42	
RANGE(MAX-MIN)	0.480	
MEAN	9.674	
STANDARD DEVIATION	0.101	
N SIZE	28.000	

## LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Part ID= VRCBVL - RC BFL VARN L

VRCBVL Yi Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	AVERAG	
Adams, Patrick	1.24	
Aguirre, Nancy P	-1.23	
Barrera, Tony	-0.24	
Cales, Jonathon	0.06	
Campbell, Bryan	0.25	
Caproni, David	0.25	
Castillo, George	0.65	
Cumberworth, Lee	1.04	
DeCapite, Vanessa	-1.62	
Foecking, Brian	-1.03	
Greenland, Paul	0.25	
Hills, Barry	-0.73	
Hurst, Kevin R.	0.85	
King, Jennifer	0.85	
Kobrinetz, Joaquin J.	-0.73	
Kraemer, Vernon	0.25	
Lonsway, Chris	-0.73	
Lopez, Frank	0.75	
Lowsky, John	-2.51	
May, Marianne	0.75	
Potocar, William P	-0.54	
Rodriguez, Jesus (Jesse)	2.23	
Sanchez, Arthur	-0.24	
Terrado, Ken	-0.73	
Trevino, Bobby	0.25	
Veiga, Victor	0.16	
Viera, Ralph B.	-0.73	
Zalewski, John	1.24	
MAXIMUM	-2.51	
MINIMUM	0.06	
RANGE(MAX-MIN)	-2.565	
MEAN	0.000	
STANDARD DEVIATION	1.000	
N SIZE	28.000	

## LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Part ID= VRCBVR - RC BFL VARN R

Rated Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	AVERAG	
Adams, Patrick	9.80	
Aguirre, Nancy P	9.62	
Barrera, Tony	9.70	
Cales, Jonathon	9.73	
Caproni, David	9.65	
Castillo, George	9.76	
Cumberworth, Lee	9.77	
DeCapite, Vanessa	9.46	
Foecking, Brian	9.52	
Greenland, Paul	9.65	
Hills, Barry	9.62	
Hurst, Kevin R.	9.70	
King, Jennifer	9.80	
Kraemer, Vernon	9.70	
Lonsway, Chris	9.79	
Lopez, Frank	9.75	
Lowsky, John	9.44	
May, Marianne	9.71	
Potocar, William P	9.68	
Rodriguez, Jesus (Jesse)	9.90	
Sanchez, Arthur	9.58	
Trevino, Bobby	9.68	
Veiga, Victor	9.60	
Viera, Ralph B.	9.58	
Zalewski, John	9.80	
MAXIMUM	9.90	
MINIMUM	9.44	
RANGE(MAX-MIN)	0.460	
MEAN	9.680	
STANDARD DEVIATION	0.111	
N SIZE	25.000	

## LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Part ID= VRCBVR - RC BFL VARN R

VRCBVR Yi Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	AVERAG	
Adams, Patrick	1.09	
Aguirre, Nancy P	-0.54	
Barrera, Tony	0.18	
Cales, Jonathon	0.45	
Caproni, David	-0.27	
Castillo, George	0.73	
Cumberworth, Lee	0.82	
DeCapite, Vanessa	-1.98	
Foecking, Brian	-1.44	
Greenland, Paul	-0.27	
Hills, Barry	-0.54	
Hurst, Kevin R.	0.18	
King, Jennifer	1.09	
Kraemer, Vernon	0.18	
Lonsway, Chris	1.00	
Lopez, Frank	0.64	
Lowsky, John	-2.16	
May, Marianne	0.27	
Potocar, William P	0.00	
Rodriguez, Jesus (Jesse)	1.99	
Sanchez, Arthur	-0.90	
Trevino, Bobby	0.00	
Veiga, Victor	-0.72	
Viera, Ralph B.	-0.90	
Zalewski, John	1.09	
MAXIMUM	-2.16	
MINIMUM	0.00	
RANGE(MAX-MIN)	-2.166	
MEAN	0.000	
STANDARD DEVIATION	1.000	
N SIZE	25.000	

## LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Part ID= VVDL - VALVE DECK SLUDGE L

Rated Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	TOTALS	
Adams, Patrick	9.50	
Aguirre, Nancy P	9.50	
Barrera, Tony	9.67	
Cales, Jonathon	9.51	
Campbell, Bryan	9.52	
Caproni, David	9.56	
Castillo, George	9.62	
Cumberworth, Lee	9.44	
DeCapite, Vanessa	9.34	
Foecking, Brian	9.55	
Greenland, Paul	9.56	
Grundza, Richard	9.40	
Hills, Barry	9.53	
Hurst, Kevin R.	9.68	
King, Jennifer	9.50	
Kobrinetz, Joaquin J.	9.54	
Kraemer, Vernon	9.53	
Lonsway, Chris	9.37	
Lopez, Frank	9.57	
Lowsky, John	9.64	
May, Marianne	9.49	
Potocar, William P	9.45	
Rodriguez, Jesus (Jesse)	9.66	
Sanchez, Arthur	9.66	
Trevino, Bobby	9.47	
Veiga, Victor	9.41	
Viera, Ralph B.	9.32	
Zalewski, John	9.43	
MAXIMUM	9.68	
MINIMUM	9.32	
RANGE(MAX-MIN)	0.360	
MEAN	9.515	
STANDARD DEVIATION	0.099	
N SIZE	28.000	

## LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Part ID= VVDL - VALVE DECK SLUDGE L

VVDL Yi Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	TOTALS	
Adams, Patrick	-0.15	
Aguirre, Nancy P	-0.15	
Barrera, Tony	1.57	
Cales, Jonathon	-0.05	
Campbell, Bryan	0.05	
Caproni, David	0.46	
Castillo, George	1.06	
Cumberworth, Lee	-0.76	
DeCapite, Vanessa	-1.77	
Foecking, Brian	0.35	
Greenland, Paul	0.46	
Grundza, Richard	-1.16	
Hills, Barry	0.15	
Hurst, Kevin R.	1.67	
King, Jennifer	-0.15	
Kobrinetz, Joaquin J.	0.25	
Kraemer, Vernon	0.15	
Lonsway, Chris	-1.47	
Lopez, Frank	0.56	
Lowsky, John	1.26	
May, Marianne	-0.25	
Potocar, William P	-0.66	
Rodriguez, Jesus (Jesse)	1.47	
Sanchez, Arthur	1.47	
Trevino, Bobby	-0.46	
Veiga, Victor	-1.06	
Viera, Ralph B.	-1.97	
Zalewski, John	-0.86	
MAXIMUM	-1.97	
MINIMUM	-0.05	
RANGE(MAX-MIN)	-1.923	
MEAN	0.000	
STANDARD DEVIATION	1.000	
N SIZE	28.000	



## LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Part ID= VVDR - VALVE DECK SLUDGE R

Rated Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	TOTALS	
Adams, Patrick	7.94	
Aguirre, Nancy P	7.97	
Barrera, Tony	8.22	
Cales, Jonathon	8.18	
Caproni, David	8.15	
Castillo, George	8.15	
Cumberworth, Lee	7.77	
DeCapite, Vanessa	7.78	
Foecking, Brian	7.98	
Greenland, Paul	8.15	
Grundza, Richard	7.75	
Hills, Barry	8.15	
Hurst, Kevin R.	8.25	
King, Jennifer	7.91	
Kraemer, Vernon	7.95	
Lonsway, Chris	7.63	
Lopez, Frank	8.03	
Lowsky, John	8.09	
May, Marianne	7.95	
Potocar, William P	7.89	
Rodriguez, Jesus (Jesse)	8.03	
Sanchez, Arthur	8.11	
Trevino, Bobby	7.87	
Veiga, Victor	7.64	
Viera, Ralph B.	7.82	
Zalewski, John	7.98	
MAXIMUM	8.25	
MINIMUM	7.63	
RANGE(MAX-MIN)	0.620	
MEAN	7.975	
STANDARD DEVIATION	0.173	
N SIZE	26.000	

## LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Part ID= VVDR - VALVE DECK SLUDGE R

VVDR Yi Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	TOTALS	
Adams, Patrick	-0.20	
Aguirre, Nancy P	-0.03	
Barrera, Tony	1.42	
Cales, Jonathon	1.19	
Caproni, David	1.01	
Castillo, George	1.01	
Cumberworth, Lee	-1.18	
DeCapite, Vanessa	-1.12	
Foecking, Brian	0.03	
Greenland, Paul	1.01	
Grundza, Richard	-1.30	
Hills, Barry	1.01	
Hurst, Kevin R.	1.59	
King, Jennifer	-0.37	
Kraemer, Vernon	-0.14	
Lonsway, Chris	-1.99	
Lopez, Frank	0.32	
Lowsky, John	0.67	
May, Marianne	-0.14	
Potocar, William P	-0.49	
Rodriguez, Jesus (Jesse)	0.32	
Sanchez, Arthur	0.78	
Trevino, Bobby	-0.60	
Veiga, Victor	-1.93	
Viera, Ralph B.	-0.89	
Zalewski, John	0.03	
MAXIMUM	-1.99	
MINIMUM	-0.03	
RANGE(MAX-MIN)	-1.965	
MEAN	0.000	
STANDARD DEVIATION	1.000	
N SIZE	26.000	

## LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Part ID= VTCC - TC CVR SLUDGE

Rated Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	TOTALS	
Adams, Patrick	9.49	
Aguirre, Nancy P	9.66	
Barrera, Tony	9.70	
Cales, Jonathon	9.51	
Campbell, Bryan	9.37	
Caproni, David	9.54	
Castillo, George	9.63	
Cumberworth, Lee	9.28	
DeCapite, Vanessa	9.52	
Foecking, Brian	9.55	
Greenland, Paul	9.54	
Grundza, Richard	9.43	
Hills, Barry	9.54	
Hurst, Kevin R.	9.65	
King, Jennifer	9.52	
Kobrinetz, Joaquin J.	9.50	
Kraemer, Vernon	9.53	
Lonsway, Chris	9.47	
Lopez, Frank	9.57	
Lowsky, John	9.55	
May, Marianne	9.49	
Potocar, William P	9.46	
Rodriguez, Jesus (Jesse)	9.60	
Sanchez, Arthur	9.50	
Terrado, Ken	9.59	
Trevino, Bobby	9.56	
Veiga, Victor	9.45	
Viera, Ralph B.	9.38	
Zalewski, John	9.55	
MAXIMUM	9.70	
MINIMUM	9.28	
RANGE(MAX-MIN)	0.420	
MEAN	9.522	
STANDARD DEVIATION	0.089	
N SIZE	29.000	

## LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Part ID= VTCC - TC CVR SLUDGE

VTCC Yi Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	TOTALS	
Adams, Patrick	-0.36	
Aguirre, Nancy P	1.55	
Barrera, Tony	2.00	
Cales, Jonathon	-0.13	
Campbell, Bryan	-1.70	
Caproni, David	0.21	
Castillo, George	1.22	
Cumberworth, Lee	-2.72	
DeCapite, Vanessa	-0.02	
Foecking, Brian	0.32	
Greenland, Paul	0.21	
Grundza, Richard	-1.03	
Hills, Barry	0.21	
Hurst, Kevin R.	1.44	
King, Jennifer	-0.02	
Kobrinetz, Joaquin J.	-0.24	
Kraemer, Vernon	0.09	
Lonsway, Chris	-0.58	
Lopez, Frank	0.54	
Lowsky, John	0.32	
May, Marianne	-0.36	
Potocar, William P	-0.69	
Rodriguez, Jesus (Jesse)	0.88	
Sanchez, Arthur	-0.24	
Terrado, Ken	0.77	
Trevino, Bobby	0.43	
Veiga, Victor	-0.81	
Viera, Ralph B.	-1.59	
Zalewski, John	0.32	
MAXIMUM	-2.72	
MINIMUM	-0.02	
RANGE(MAX-MIN)	-2.696	
MEAN	0.000	
STANDARD DEVIATION	1.000	
N SIZE	29.000	

## LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Part ID= VOP - OIL PAN SLUDGE

Rated Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	TOTALS	
Adams, Patrick	9.41	
Aguirre, Nancy P	9.46	
Barrera, Tony	9.50	
Cales, Jonathon	9.39	
Caproni, David	9.35	
Castillo, George	9.40	
Cumberworth, Lee	9.23	
DeCapite, Vanessa	9.39	
Foecking, Brian	9.43	
Greenland, Paul	9.37	
Grundza, Richard	9.34	
Hills, Barry	9.36	
Hurst, Kevin R.	9.55	
King, Jennifer	9.44	
Kraemer, Vernon	9.43	
Lonsway, Chris	9.29	
Lopez, Frank	9.45	
Lowsky, John	9.40	
May, Marianne	9.39	
Potocar, William P	9.43	
Rodriguez, Jesus (Jesse)	9.36	
Sanchez, Arthur	9.41	
Trevino, Bobby	9.49	
Veiga, Victor	9.28	
Viera, Ralph B.	9.31	
Zalewski, John	9.48	
MAXIMUM	9.55	
MINIMUM	9.23	
RANGE(MAX-MIN)	0.320	
MEAN	9.398	
STANDARD DEVIATION	0.073	
N SIZE	26.000	

## LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Part ID= VOP - OIL PAN SLUDGE

VOP Yi Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	TOTALS	
Adams, Patrick	0.17	
Aguirre, Nancy P	0.86	
Barrera, Tony	1.41	
Cales, Jonathon	-0.11	
Caproni, David	-0.66	
Castillo, George	0.03	
Cumberworth, Lee	-2.31	
DeCapite, Vanessa	-0.11	
Foecking, Brian	0.45	
Greenland, Paul	-0.38	
Grundza, Richard	-0.80	
Hills, Barry	-0.52	
Hurst, Kevin R.	2.10	
King, Jennifer	0.58	
Kraemer, Vernon	0.45	
Lonsway, Chris	-1.49	
Lopez, Frank	0.72	
Lowsky, John	0.03	
May, Marianne	-0.11	
Potocar, William P	0.45	
Rodriguez, Jesus (Jesse)	-0.52	
Sanchez, Arthur	0.17	
Trevino, Bobby	1.27	
Veiga, Victor	-1.62	
Viera, Ralph B.	-1.21	
Zalewski, John	1.14	
MAXIMUM	-2.31	
MINIMUM	0.03	
RANGE(MAX-MIN)	-2.344	
MEAN	0.000	
STANDARD DEVIATION	1.000	
N SIZE	26.000	

## LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Part ID= VOPB - OIL PAN BFL SLUDGE

Rated Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	TOTALS	
Adams, Patrick	9.49	
Aguirre, Nancy P	9.53	
Barrera, Tony	9.53	
Cales, Jonathon	9.44	
Caproni, David	9.39	
Castillo, George	9.53	
Cumberworth, Lee	9.17	
DeCapite, Vanessa	9.43	
Foecking, Brian	9.52	
Greenland, Paul	9.42	
Grundza, Richard	9.43	
Hills, Barry	9.42	
Hurst, Kevin R.	9.40	
King, Jennifer	9.50	
Kraemer, Vernon	9.43	
Lonsway, Chris	9.36	
Lopez, Frank	9.55	
Lowsky, John	9.43	
May, Marianne	9.49	
Potocar, William P	9.44	
Rodriguez, Jesus (Jesse)	9.50	
Sanchez, Arthur	9.55	
Trevino, Bobby	9.53	
Veiga, Victor	9.54	
Viera, Ralph B.	9.31	
Zalewski, John	9.50	
MAXIMUM	9.55	
MINIMUM	9.17	
RANGE(MAX-MIN)	0.380	
MEAN	9.455	
STANDARD DEVIATION	0.086	
N SIZE	26.000	

## LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Part ID= VOPB - OIL PAN BFL SLUDGE

VOPB Y1 Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	TOTALS	
Adams, Patrick	0.41	
Aguirre, Nancy P	0.87	
Barrera, Tony	0.87	
Cales, Jonathon	-0.17	
Caproni, David	-0.76	
Castillo, George	0.87	
Cumberworth, Lee	-3.32	
DeCapite, Vanessa	-0.29	
Foecking, Brian	0.76	
Greenland, Paul	-0.41	
Grundza, Richard	-0.29	
Hills, Barry	-0.41	
Hurst, Kevin R.	-0.64	
King, Jennifer	0.52	
Kraemer, Vernon	-0.29	
Lonsway, Chris	-1.11	
Lopez, Frank	1.11	
Lowsky, John	-0.29	
May, Marianne	0.41	
Potocar, William P	-0.17	
Rodriguez, Jesus (Jesse)	0.52	
Sanchez, Arthur	1.11	
Trevino, Bobby	0.87	
Veiga, Victor	0.99	
Viera, Ralph B.	-1.69	
Zalewski, John	0.52	
MAXIMUM	-3.32	
MINIMUM	-0.17	
RANGE(MAX-MIN)	-3.143	
MEAN	0.000	
STANDARD DEVIATION	1.000	
N SIZE	26.000	



## LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Part ID= OILSCR - OIL SCREEN

Rated Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	P1	P2
Adams, Patrick	5.00	1.00
Aguirre, Nancy P	1.00	1.00
Barrera, Tony	1.00	1.00
Cales, Jonathon	1.00	1.00
Campbell, Bryan	3.00	1.00
Caproni, David	1.00	1.00
Castillo, George	1.00	1.00
Cumberworth, Lee	0.00	1.00
DeCapite, Vanessa	2.00	1.00
Foecking, Brian	2.00	1.00
Greenland, Paul	1.00	1.00
Grundza, Richard	2.00	0.50
Hills, Barry	1.00	1.00
Hurst, Kevin R.	4.00	1.00
King, Jennifer	2.00	1.00
Kobrinetz, Joaquin J.	1.00	1.00
Kraemer, Vernon	2.00	1.00
Lonsway, Chris	2.00	2.00
Lopez, Frank	1.00	1.00
Lowsky, John	1.50	0.25
May, Marianne	3.00	2.00
Potocar, William P	3.00	1.00
Rodriguez, Jesus (Jesse)	0.00	1.00
Sanchez, Arthur	4.00	1.00
Terrado, Ken	5.00	1.00
Trevino, Bobby	1.00	1.00
Veiga, Victor	4.00	1.00
Viera, Ralph B.	2.00	1.00
Zalewski, John	2.00	1.00
MAXIMUM	5.00	2.00
MINIMUM	0.00	0.25
RANGE(MAX-MIN)	5.000	1.750
MEAN	2.017	1.026
STANDARD DEVIATION	1.353	0.316
N SIZE	29.000	

## LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Part ID= OILSCR - OIL SCREEN

OILSCR Y1 Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

Rater	P1	P2
Adams, Patrick	2.20	-0.08
Aguirre, Nancy P	-0.75	-0.08
Barrera, Tony	-0.75	-0.08
Cales, Jonathon	-0.75	-0.08
Campbell, Bryan	0.73	-0.08
Caproni, David	-0.75	-0.08
Castillo, George	-0.75	-0.08
Cumberworth, Lee	-1.49	-0.08
DeCapite, Vanessa	-0.01	-0.08
Foecking, Brian	-0.01	-0.08
Greenland, Paul	-0.75	-0.08
Grundza, Richard	-0.01	-1.67
Hills, Barry	-0.75	-0.08
Hurst, Kevin R.	1.47	-0.08
King, Jennifer	-0.01	-0.08
Kobrinetz, Joaquin J.	-0.75	-0.08
Kraemer, Vernon	-0.01	-0.08
Lonsway, Chris	-0.01	3.08
Lopez, Frank	-0.75	-0.08
Lowsky, John	-0.38	-2.46
May, Marianne	0.73	3.08
Potocar, William P	0.73	-0.08
Rodriguez, Jesus (Jesse)	-1.49	-0.08
Sanchez, Arthur	1.47	-0.08
Terrado, Ken	2.20	-0.08
Trevino, Bobby	-0.75	-0.08
Veiga, Victor	1.47	-0.08
Viera, Ralph B.	-0.01	-0.08
Zalewski, John	-0.01	-0.08
MAXIMUM	2.20	3.08
MINIMUM	-0.01	-0.08
RANGE(MAX-MIN)	2.218	3.166
MEAN	0.000	0.000
STANDARD DEVIATION	1.000	1.000
N SIZE	29.000	

## LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Rater= Adams, Patrick

YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	G1TOT	G2TOT	G3TOT	I2TOT	I3TOT	UCTOT	THTOT	ATTOT	G4TOT	I4TOT
A1-SEQUENCE III										
A2-SEQUENCE III										
A3-SEQUENCE III										
A4-SEQUENCE III										
A5-SQUARE CUT DIESEL										
A6-SEQUENCE III										
A7-SQUARE CUT DIESEL										
A8-FIELD PISTON										
B1-SEQUENCE III										
B2-SEQUENCE III										
B3-SEQUENCE III										
B4-SEQUENCE III										
B5-SQUARE CUT DIESEL										
B6-SEQUENCE III										
B7-SQUARE CUT DIESEL										
B8-FIELD PISTON										
C1-SEQUENCE III	-1.03	-0.76	-0.10	-1.46	0.12	0.69	-0.84	-0.12		
C2-SEQUENCE III	-0.27	-0.32	0.19	-0.03	0.64	0.37	0.19	0.39		
C3-SEQUENCE III	-0.05	-0.02	-0.84	-1.20	-2.13	-0.06	0.06	0.28		
C4-SEQUENCE III	2.03	0.65	1.37	-0.41	-1.16	1.27	0.62	-0.03		
C5-SQUARE CUT DIESEL	0.06	0.04	0.37	-2.16	-1.71				-0.66	-1.44
C6-SEQUENCE III	-0.29	0.37	-0.45	0.95	-0.52	0.35	0.40	0.75		
C7-SQUARE CUT DIESEL	-0.26	-1.17	0.58	-0.46	-1.21				-0.88	-1.36
C8-FIELD PISTON	-1.08	-1.65	-0.10	-0.45	2.04		-0.13	0.37		
CAL-A-CAL. SEQ. III PISTON										
CAL-B-CAL. SEQ. III PISTON	-0.16	-1.69	0.67	-1.07	0.20	-0.16	0.03	-0.22		
CAL-C-CAL. SEQ. III PISTON	-0.91	0.04	0.26	-1.10	-0.41	-0.18	0.36	0.47		
CAL-D-CAL. SEQ. III PISTON										
CAL-M-CAL. DV4 PISTON	-0.71	-0.52	-4.55	-0.82	0.66					
CAL-T-CAL. FIELD PISTON	0.53	-0.09	1.40	-0.08	0.56		-0.17	0.12		
X1-DV4 PISTON										
Y1-DV4 PISTON	0.21	-0.84	-2.67	-0.33	-1.60					
Z1-DV4 PISTON	-1.04	-0.35	-0.88	-1.21	-0.28					
MAXIMUM	2.03	-1.69	-4.55	-2.16	-2.13	1.27	-0.84	0.75	-0.88	-1.44
MINIMUM	-0.05	-0.02	-0.10	-0.03	0.12	-0.06	0.03	-0.03	-0.66	-1.36
RANGE(MAX-MIN)	2.080	-1.670	-4.450	-2.130	-2.250	1.330	-0.870	0.780	-0.220	-0.080
MEAN	-0.212	-0.451	-0.339	-0.702	-0.343	0.326	0.058	0.223	-0.770	-1.400
STANDARD DEVIATION	0.819	0.705	1.588	0.756	1.146	0.527	0.424	0.312	0.156	0.057

# LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Rater= Aguirre, Nancy P

YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	LIOT	THIOT	ATIOT	G4TOT	L4TOT
A1-SEQUENCE III	0.62	0.21	-0.65	0.39	0.52	0.88	0.54	0.79		
A2-SEQUENCE III										
A3-SEQUENCE III										
A4-SEQUENCE III										
A5-SQUARE CUT DIESEL										
A6-SEQUENCE III										
A7-SQUARE CUT DIESEL										
A8-FIELD PISTON										
B1-SEQUENCE III	2.24	0.58	-2.16	0.13	0.16	0.47	0.42	0.21		
B2-SEQUENCE III	0.84	1.60	0.40	0.98	0.48	0.88	0.62	-0.42		
B3-SEQUENCE III	1.66	-0.14	-1.30	2.54	-0.03	0.51	0.40	-0.47		
B4-SEQUENCE III	0.92	0.81	-1.08	2.34	1.56	-0.19	0.93	0.51		
B5-SQUARE CUT DIESEL										
B6-SEQUENCE III	0.71	-0.99	-1.50	0.30	-0.62	0.82	0.65	0.53		
B7-SQUARE CUT DIESEL										
B8-FIELD PISTON										
C1-SEQUENCE III										
C2-SEQUENCE III										
C3-SEQUENCE III										
C4-SEQUENCE III										
C5-SQUARE CUT DIESEL										
C6-SEQUENCE III										
C7-SQUARE CUT DIESEL										
C8-FIELD PISTON										
CAL-A-CAL. SEQ. III PISTON										
CAL-B-CAL. SEQ. III PISTON	-0.16	1.65	-0.45	1.17	0.31	0.49	0.88	0.54		
CAL-C-CAL. SEQ. III PISTON										
CAL-D-CAL. SEQ. III PISTON	-0.29	0.01	-0.31	-0.48	-0.62	1.36	0.59	0.17		
CAL-M-CAL. DV4 PISTON										
CAL-T-CAL. FIELD PISTON										
X1-DV4 PISTON										
Y1-DV4 PISTON										
Z1-DV4 PISTON										
MAXIMUM	2.24	1.65	-2.16	2.54	1.56	1.36	0.93	0.79		
MINIMUM	-0.16	0.01	-0.31	0.13	-0.03	-0.19	0.40	0.17		
RANGE(MAX-MIN)	2.400	1.640	-1.850	2.410	1.590	1.550	0.530	0.620		
MEAN	0.818	0.466	-0.881	0.921	0.220	0.653	0.629	0.233		
STANDARD DEVIATION	0.843	0.893	0.796	1.066	0.701	0.451	0.193	0.462		

# LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Rater= Arrizon, Richard

YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	LIOT	THIOT	ATTOT	G4TOT	L4TOT
A1-SEQUENCE III	-1.51	-0.02	0.78	0.39	0.29	0.54	0.45	0.40		
A2-SEQUENCE III	-0.59	0.84	0.50	0.24	0.29	-0.41	0.25	0.34		
A3-SEQUENCE III	-1.44	0.37	0.77	0.40	0.47	0.63	0.48	0.23		
A4-SEQUENCE III	0.38	0.28	-0.23	-0.18	-0.91	-0.42	0.64	0.04		
A5-SQUARE CUT DIESEL										
A6-SEQUENCE III	-0.54	-0.88	0.38	-0.79	-1.31	-1.26	1.03	0.39		
A7-SQUARE CUT DIESEL										
A8-FIELD PISTON										
B1-SEQUENCE III										
B2-SEQUENCE III										
B3-SEQUENCE III										
B4-SEQUENCE III										
B5-SQUARE CUT DIESEL										
B6-SEQUENCE III										
B7-SQUARE CUT DIESEL										
B8-FIELD PISTON										
C1-SEQUENCE III										
C2-SEQUENCE III										
C3-SEQUENCE III										
C4-SEQUENCE III										
C5-SQUARE CUT DIESEL										
C6-SEQUENCE III										
C7-SQUARE CUT DIESEL										
C8-FIELD PISTON										
CAL-A-CAL. SEQ. III PISTON										
CAL-B-CAL. SEQ. III PISTON										
CAL-C-CAL. SEQ. III PISTON	0.27	-0.43	-0.26	0.50	-0.11	-0.68	0.77	-0.61		
CAL-D-CAL. SEQ. III PISTON	-0.42	-0.46	-0.57	-0.19	0.86	-0.55	0.76	0.95		
CAL-M-CAL. DV4 PISTON										
CAL-T-CAL. FIELD PISTON										
X1-DV4 PISTON										
Y1-DV4 PISTON										
Z1-DV4 PISTON										
MAXIMUM	-1.51	-0.88	0.78	-0.79	-1.31	-1.26	1.03	0.95		
MINIMUM	0.27	-0.02	-0.23	-0.18	-0.11	-0.41	0.25	0.04		
RANGE(MAX-MIN)	-1.780	-0.860	1.010	-0.610	-1.200	-0.850	0.780	0.910		
MEAN	-0.350	-0.043	0.196	0.053	-0.060	-0.307	0.626	0.249		
STANDARD DEVIATION	0.738	0.589	0.544	0.464	0.781	0.674	0.257	0.470		

# LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Rater= Barrera, Tony

YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	G1TOT	G2TOT	G3TOT	I2TOT	I3TOT	UCIOT	THIOT	ATTOT	G4TOT	I4TOT
A1-SEQUENCE III										
A2-SEQUENCE III										
A3-SEQUENCE III										
A4-SEQUENCE III										
A5-SQUARE CUT DIESEL										
A6-SEQUENCE III										
A7-SQUARE CUT DIESEL										
A8-FIELD PISTON										
B1-SEQUENCE III	-0.62	-1.07	-0.38	-0.90	0.18	-0.55	0.29	-0.15		
B2-SEQUENCE III	0.99	-2.10	0.70	-0.06	-0.17	0.06	-0.54	0.04		
B3-SEQUENCE III										
B4-SEQUENCE III										
B5-SQUARE CUT DIESEL										
B6-SEQUENCE III										
B7-SQUARE CUT DIESEL										
B8-FIELD PISTON										
C1-SEQUENCE III	0.20	0.51	0.43	-0.01	-0.81	0.08	-0.39	1.17		
C2-SEQUENCE III	-0.02	-0.89	-0.05	-0.67	-1.10	0.09	-1.67	-0.49		
C3-SEQUENCE III	0.58	-0.92	0.17	-0.86	0.27	-0.80	0.66	0.81		
C4-SEQUENCE III	-0.63	-1.42	1.05	-0.17	-1.30	0.12	0.55	1.30		
C5-SQUARE CUT DIESEL										
C6-SEQUENCE III	-0.71	-0.78	-1.40	-1.01	-1.08	0.42	0.40	-0.23		
C7-SQUARE CUT DIESEL										
C8-FIELD PISTON										
CAL-A-CAL. SEQ. III PISTON	-0.97	-1.07	0.08	-0.65	-0.04	0.31	-0.96	-1.00		
CAL-B-CAL. SEQ. III PISTON	-0.16	0.22	0.12	0.20	-0.78	-0.14	0.21	1.30		
CAL-C-CAL. SEQ. III PISTON										
CAL-D-CAL. SEQ. III PISTON										
CAL-M-CAL. DV4 PISTON	-0.79	0.04	0.25	-0.19	0.36					
CAL-T-CAL. FIELD PISTON	1.34	0.51	0.30	-0.20	0.03		0.42	0.30		
X1-DV4 PISTON										
Y1-DV4 PISTON										
Z1-DV4 PISTON										
MAXIMUM	1.34	-2.10	-1.40	-1.01	-1.30	-0.80	-1.67	1.30		
MINIMUM	-0.02	0.04	-0.05	-0.01	0.03	0.06	0.21	0.04		
RANGE(MAX-MIN)	1.360	-2.140	-1.350	-1.000	-1.330	-0.860	-1.880	1.260		
MEAN	-0.072	-0.634	0.115	-0.393	-0.404	-0.046	-0.103	0.305		
STANDARD DEVIATION	0.773	0.844	0.628	0.399	0.617	0.395	0.764	0.808		

# LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Rater= Cales, Jonathon

YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	G1TOT	G2TOT	G3TOT	I2TOT	I3TOT	U1TOT	THTOT	ATTOT	G4TOT	I4TOT
A1-SEQUENCE III										
A2-SEQUENCE III										
A3-SEQUENCE III										
A4-SEQUENCE III										
A5-SQUARE CUT DIESEL										
A6-SEQUENCE III										
A7-SQUARE CUT DIESEL										
A8-FIELD PISTON										
B1-SEQUENCE III	-0.32	-1.07	0.18	-0.50	1.00	-0.84	0.81	0.57		
B2-SEQUENCE III	-0.95	-0.58	-0.49	-0.88	0.46	0.82	-0.50	1.28		
B3-SEQUENCE III	-1.15	-0.46	-1.24	0.77	1.02	0.71	-0.06	-0.12		
B4-SEQUENCE III	-0.68	-0.90	-1.76	1.11	-0.33	0.07	-0.48	0.11		
B5-SQUARE CUT DIESEL	0.90	-0.10	-0.63	-1.85	0.63				-1.29	0.52
B6-SEQUENCE III	-0.10	0.23	-1.74	-0.25	0.73	0.27	-0.25	0.65		
B7-SQUARE CUT DIESEL	-0.11	0.11	0.68	-1.02	1.18				0.19	1.24
B8-FIELD PISTON	-0.82	-0.09	1.70	0.26	0.02		1.72	1.77		
C1-SEQUENCE III										
C2-SEQUENCE III										
C3-SEQUENCE III										
C4-SEQUENCE III										
C5-SQUARE CUT DIESEL										
C6-SEQUENCE III										
C7-SQUARE CUT DIESEL										
C8-FIELD PISTON										
CAL-A-CAL. SEQ. III PISTON	1.93	0.84	-1.00	-0.62	-0.94	0.61	0.10	0.04		
CAL-B-CAL. SEQ. III PISTON										
CAL-C-CAL. SEQ. III PISTON	2.21	-0.21	-1.14	0.50	0.28	0.18	0.36	0.47		
CAL-D-CAL. SEQ. III PISTON										
CAL-M-CAL. DV4 PISTON	-0.30	-0.73	0.24	-0.01	-1.66					
CAL-T-CAL. FIELD PISTON	1.34	0.51	0.30	-0.20	0.03		0.42	0.30		
X1-DV4 PISTON	0.19	-0.90	1.17	0.34	1.42					
Y1-DV4 PISTON	0.21	-1.27	0.70	-1.04	0.60					
Z1-DV4 PISTON										
MAXIMUM	2.21	-1.27	-1.76	-1.85	-1.66	-0.84	1.72	1.77	-1.29	1.24
MINIMUM	-0.10	-0.09	0.18	-0.01	0.02	0.07	-0.06	0.04	0.19	0.52
RANGE(MAX-MIN)	2.310	-1.180	-1.940	-1.840	-1.680	-0.910	1.780	1.730	-1.480	0.720
MEAN	0.168	-0.330	-0.216	-0.242	0.317	0.260	0.236	0.563	-0.550	0.880
STANDARD DEVIATION	1.055	0.622	1.086	0.808	0.849	0.561	0.705	0.613	1.047	0.509

# LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Rater= Campbell, Bryan

YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCIOT	THIOT	ATTOT	G4TOT	L4TOT
A1-SEQUENCE III	2.22	1.67	-2.07	0.24	0.58	-0.11	-0.11	-1.38		
A2-SEQUENCE III	0.63	0.25	-0.61	-0.40	-0.34	-0.64	-1.08	-2.75		
A3-SEQUENCE III	0.54	0.51	-1.66	0.54	0.06	-0.41	-1.42	-2.00		
A4-SEQUENCE III	0.38	0.36	-0.68	0.63	0.12	-1.14	-2.15	-2.65		
A5-SQUARE CUT DIESEL	0.13	-0.34	-2.15	-1.02	-2.01				-1.82	-1.92
A6-SEQUENCE III	1.16	1.87	1.56	-0.01	1.07	0.96	-1.87	-0.83		
A7-SQUARE CUT DIESEL	0.00	0.46	-1.81	1.78	-2.10				-0.20	-1.00
A8-FIELD PISTON	-1.47	1.48	0.43	-0.03	1.46		-0.46	0.70		
B1-SEQUENCE III										
B2-SEQUENCE III										
B3-SEQUENCE III										
B4-SEQUENCE III										
B5-SQUARE CUT DIESEL										
B6-SEQUENCE III										
B7-SQUARE CUT DIESEL										
B8-FIELD PISTON										
C1-SEQUENCE III										
C2-SEQUENCE III										
C3-SEQUENCE III										
C4-SEQUENCE III										
C5-SQUARE CUT DIESEL										
C6-SEQUENCE III										
C7-SQUARE CUT DIESEL										
C8-FIELD PISTON										
CAL-A-CAL. SEQ. III PISTON	0.30	1.61	-1.05	-1.76	0.35	-2.09	2.49	1.73		
CAL-B-CAL. SEQ. III PISTON										
CAL-C-CAL. SEQ. III PISTON										
CAL-D-CAL. SEQ. III PISTON	3.23	0.90	-0.31	1.91	1.15	-0.38	0.09	-0.17		
CAL-M-CAL. DV4 PISTON	2.31	-0.73	0.37	-0.44	-1.06					
CAL-T-CAL. FIELD PISTON	1.24	0.79	-0.05	1.74	-0.36		0.33	0.14		
X1-DV4 PISTON	-0.69	3.29	0.26	-1.77	-1.00					
Y1-DV4 PISTON										
Z1-DV4 PISTON	-0.01	0.70	-0.85	-0.62	0.08					
MAXIMUM	3.23	3.29	-2.15	1.91	-2.10	-2.09	2.49	-2.75	-1.82	-1.92
MINIMUM	0.00	0.25	-0.05	-0.01	0.06	-0.11	0.09	0.14	-0.20	-1.00
RANGE(MAX-MIN)	3.230	3.040	-2.100	1.920	-2.160	-1.980	2.400	-2.890	-1.620	-0.920
MEAN	0.712	0.916	-0.616	0.056	-0.143	-0.544	-0.464	-0.801	-1.010	-1.460
STANDARD DEVIATION	1.242	1.015	1.082	1.195	1.096	0.935	1.410	1.538	1.146	0.651



# LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Rater= Caproni, David

YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	G1TOT	G2TOT	G3TOT	I2TOT	I3TOT	UCIOT	THIOT	ATTOT	G4TOT	I4TOT
A1-SEQUENCE III										
A2-SEQUENCE III										
A3-SEQUENCE III										
A4-SEQUENCE III										
A5-SQUARE CUT DIESEL										
A6-SEQUENCE III										
A7-SQUARE CUT DIESEL										
A8-FIELD PISTON										
B1-SEQUENCE III										
B2-SEQUENCE III										
B3-SEQUENCE III										
B4-SEQUENCE III										
B5-SQUARE CUT DIESEL										
B6-SEQUENCE III										
B7-SQUARE CUT DIESEL										
B8-FIELD PISTON										
C1-SEQUENCE III	0.39	-1.61	0.61	0.60	2.21	0.03	0.12	-0.12		
C2-SEQUENCE III	1.36	2.30	-1.67	0.61	1.20	0.07	0.62	0.97		
C3-SEQUENCE III	0.16	0.87	-0.26	0.94	0.27	1.20	-2.48	0.28		
C4-SEQUENCE III	1.31	0.42	-1.67	-0.58	0.25	-0.07	0.76	-0.03		
C5-SQUARE CUT DIESEL	-1.86	1.68	1.38	0.18	-1.00				0.49	0.35
C6-SEQUENCE III	-0.73	1.08	-0.24	0.56	1.16	0.21	-0.66	-0.07		
C7-SQUARE CUT DIESEL	1.17	1.00	0.86	0.66	-1.37				0.17	-0.51
C8-FIELD PISTON	-0.82	0.29	-0.73	0.52	-0.18		0.71	0.66		
CAL-A-CAL. SEQ. III PISTON										
CAL-B-CAL. SEQ. III PISTON	-0.38	-0.38	0.27	0.57	0.70	1.93	0.48	-0.22		
CAL-C-CAL. SEQ. III PISTON	0.95	-0.48	-1.11	-1.10	2.14	0.70	0.69	-0.61		
CAL-D-CAL. SEQ. III PISTON										
CAL-M-CAL. DV4 PISTON										
CAL-T-CAL. FIELD PISTON	-1.31	-0.65	0.51	0.35	-0.03		0.41	0.40		
X1-DV4 PISTON										
Y1-DV4 PISTON	-0.67	-0.62	0.74	2.66	0.62					
Z1-DV4 PISTON	0.68	0.09	1.30	-0.55	-0.19					
MAXIMUM	-1.86	2.30	-1.67	2.66	2.21	1.93	-2.48	0.97	0.49	-0.51
MINIMUM	0.16	0.09	-0.24	0.18	-0.03	0.03	0.12	-0.03	0.17	0.35
RANGE(MAX-MIN)	-2.020	2.210	-1.430	2.480	2.240	1.900	-2.600	1.000	0.320	-0.860
MEAN	0.019	0.307	-0.001	0.417	0.445	0.581	0.072	0.140	0.330	-0.080
STANDARD DEVIATION	1.059	1.074	1.043	0.903	1.066	0.746	1.054	0.485	0.226	0.608

## LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Rater= Castillo, George

YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	G1TOT	G2TOT	G3TOT	I2TOT	I3TOT	UCITOT	THITOT	ATTOT	G4TOT	I4TOT
A1-SEQUENCE III										
A2-SEQUENCE III										
A3-SEQUENCE III										
A4-SEQUENCE III										
A5-SQUARE CUT DIESEL										
A6-SEQUENCE III										
A7-SQUARE CUT DIESEL										
A8-FIELD PISTON										
B1-SEQUENCE III	0.56	0.58	0.18	-0.93	0.34	0.47	0.94	0.93		
B2-SEQUENCE III	0.69	0.73	0.44	-0.10	0.59	-0.28	-0.71	0.20		
B3-SEQUENCE III	-0.45	1.64	0.05	0.24	0.60	0.92	-0.43	-1.85		
B4-SEQUENCE III	-0.25	-0.17	0.33	1.03	1.83	-0.18	-0.48	0.05		
B5-SQUARE CUT DIESEL	-0.41	-0.30	-0.27	1.36	-1.10				0.14	0.21
B6-SEQUENCE III	1.07	-0.02	1.23	0.04	0.38	-0.08	-0.85	-0.48		
B7-SQUARE CUT DIESEL	-0.48	-0.03	-0.35	1.11	-0.22				0.51	-0.56
B8-FIELD PISTON	-0.50	-0.47	0.50	0.61	0.16		0.30	0.21		
C1-SEQUENCE III										
C2-SEQUENCE III										
C3-SEQUENCE III										
C4-SEQUENCE III										
C5-SQUARE CUT DIESEL										
C6-SEQUENCE III										
C7-SQUARE CUT DIESEL										
C8-FIELD PISTON										
CAL-A-CAL. SEQ. III PISTON										
CAL-B-CAL. SEQ. III PISTON	0.34	-0.14	0.44	0.13	-0.72	0.57	-0.15	1.11		
CAL-C-CAL. SEQ. III PISTON										
CAL-D-CAL. SEQ. III PISTON	-0.29	0.15	0.94	0.86	-0.52	0.80	0.32	0.06		
CAL-M-CAL. DV4 PISTON	-0.18	-0.66	-0.06	1.68	-0.50					
CAL-T-CAL. FIELD PISTON	-0.50	-0.81	0.16	0.03	-0.18		0.23	-0.18		
X1-DV4 PISTON										
Y1-DV4 PISTON										
Z1-DV4 PISTON										
MAXIMUM	1.07	1.64	1.23	1.68	1.83	0.92	0.94	-1.85	0.51	-0.56
MINIMUM	-0.18	-0.02	0.05	0.03	0.16	-0.08	-0.15	0.05	0.14	0.21
RANGE(MAX-MIN)	1.250	1.660	1.180	1.650	1.670	1.000	1.090	-1.900	0.370	-0.770
MEAN	-0.033	0.042	0.299	0.505	0.055	0.317	-0.092	0.006	0.325	-0.175
STANDARD DEVIATION	0.549	0.675	0.460	0.737	0.777	0.491	0.583	0.857	0.262	0.544

# LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Rater= Cumberworth, Lee

YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCIOT	THIOT	ATTOT	G4TOT	L4TOT	
A1-SEQUENCE III	0.46	-0.13	1.00	-1.18	-0.24	-1.19	0.15	0.89			
A2-SEQUENCE III	-0.70	1.08	-0.01	0.42	-1.27	-1.09	0.62	0.34			
A3-SEQUENCE III	-0.08	0.51	0.60	0.03	0.12	-0.15	1.27	1.63			
A4-SEQUENCE III	0.38	0.32	0.84	-0.14	0.12	0.17	1.18	0.81			
A5-SQUARE CUT DIESEL	1.32	-0.23	0.99	1.07	0.29				0.92	-0.52	
A6-SEQUENCE III	0.07	-0.88	0.46	-0.92	0.34	-0.32	1.50	1.75			
A7-SQUARE CUT DIESEL	2.03	0.48	1.53	-0.35	1.10				1.20	2.00	
A8-FIELD PISTON											
B1-SEQUENCE III											
B2-SEQUENCE III											
B3-SEQUENCE III											
B4-SEQUENCE III											
B5-SQUARE CUT DIESEL	1.18	-1.35	-0.39	-0.81	-1.10				-0.51	-0.35	
B6-SEQUENCE III											
B7-SQUARE CUT DIESEL	2.62	-0.82	0.04	-0.41	-1.16				1.05	-1.41	
B8-FIELD PISTON											
C1-SEQUENCE III											
C2-SEQUENCE III											
C3-SEQUENCE III											
C4-SEQUENCE III											
C5-SQUARE CUT DIESEL	0.18	-0.16	0.74	0.93	-0.29				0.96	0.00	
C6-SEQUENCE III											
C7-SQUARE CUT DIESEL	0.71	-0.04	0.23	0.16	-0.46				1.21	-1.04	
C8-FIELD PISTON											
CAL-A-CAL. SEQ. III PISTON	-0.28	0.48	-1.24	-0.68	-0.99	-1.32	0.89	0.51			
CAL-B-CAL. SEQ. III PISTON	0.95	-0.02	-0.07	0.72	-1.40	-1.84	1.33	1.68			
CAL-C-CAL. SEQ. III PISTON	-0.20	-0.11	-1.29	1.72	-1.19	-1.19	1.68	1.55			
CAL-D-CAL. SEQ. III PISTON	0.27	-0.50	-0.83	-0.41	0.17	-1.52	1.68	1.84			
CAL-M-CAL. DV4 PISTON	0.47	1.64	0.28	1.43	0.84						
CAL-T-CAL. FIELD PISTON											
X1-DV4 PISTON	0.64	-0.05	0.86	0.18	1.17						
Y1-DV4 PISTON	0.21	-0.36	0.60	-0.60	0.55						
Z1-DV4 PISTON	-0.66	0.26	0.03	1.03	-0.10						
MAXIMUM	2.62	1.64	1.53	1.72	-1.40	-1.84	1.68	1.84	1.21	2.00	
MINIMUM	0.07	-0.02	-0.01	0.03	-0.10	-0.15	0.15	0.34	-0.51	0.00	
RANGE(MAX-MIN)	2.550	1.660	1.540	1.690	-1.300	-1.690	1.530	1.500	1.720	2.000	
MEAN	0.504	0.006	0.230	0.115	-0.184	-0.939	1.144	1.222	0.805	-0.220	
STANDARD DEVIATION	0.846	0.687	0.761	0.842	0.819	0.678	0.510	0.582	0.655	1.198	

## LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Rater= DeCapite, Vanessa

YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	G1TOT	G2TOT	G3TOT	I2TOT	I3TOT	UCIOT	THIOT	ATTOT	G4TOT	I4TOT
A1-SEQUENCE III										
A2-SEQUENCE III										
A3-SEQUENCE III										
A4-SEQUENCE III										
A5-SQUARE CUT DIESEL										
A6-SEQUENCE III										
A7-SQUARE CUT DIESEL										
A8-FIELD PISTON										
B1-SEQUENCE III										
B2-SEQUENCE III										
B3-SEQUENCE III										
B4-SEQUENCE III										
B5-SQUARE CUT DIESEL										
B6-SEQUENCE III										
B7-SQUARE CUT DIESEL										
B8-FIELD PISTON										
C1-SEQUENCE III	0.01	0.08	-0.63	-0.49	-0.23	-0.05	-0.10	-1.40		
C2-SEQUENCE III	-0.10	-1.17	-0.78	0.61	-1.01	1.05	-0.72	-0.41		
C3-SEQUENCE III	0.63	-0.92	-0.19	0.89	0.27	1.33	-0.29	-1.71		
C4-SEQUENCE III	-1.18	0.10	-0.24	0.97	0.43	0.54	-1.24	-0.85		
C5-SQUARE CUT DIESEL	-0.03	-1.42	-2.10	0.20	-0.14				-2.52	-0.44
C6-SEQUENCE III	-0.56	-2.10	-0.56	-0.03	-1.22	-0.57	-2.25	-2.21		
C7-SQUARE CUT DIESEL	1.31	-2.04	0.25	-1.42	0.23				-1.51	-0.61
C8-FIELD PISTON	0.95	0.66	0.46	-0.34	-0.17		1.14	1.11		
CAL-A-CAL. SEQ. III PISTON	-0.57	-0.60	-0.40	1.46	0.56	-0.15	0.01	-0.43		
CAL-B-CAL. SEQ. III PISTON	0.56	0.10	-0.50	0.87	-0.04	0.90	-1.01	-0.22		
CAL-C-CAL. SEQ. III PISTON										
CAL-D-CAL. SEQ. III PISTON										
CAL-M-CAL. DV4 PISTON	0.92	1.71	0.27	-0.38	-0.01					
CAL-T-CAL. FIELD PISTON	0.26	0.47	0.13	0.07	0.84		0.06	0.52		
X1-DV4 PISTON	0.19	-0.04	0.26	-0.14	0.17					
Y1-DV4 PISTON	-0.09	1.86	0.42	0.66	0.45					
Z1-DV4 PISTON	0.07	1.14	1.97	1.29	0.14					
MAXIMUM	1.31	-2.10	-2.10	1.46	-1.22	1.33	-2.25	-2.21	-2.52	-0.61
MINIMUM	0.01	-0.04	0.13	-0.03	-0.01	-0.05	0.01	-0.22	-1.51	-0.44
RANGE(MAX-MIN)	1.300	-2.060	-2.230	1.490	-1.210	1.380	-2.260	-1.990	-1.010	-0.170
MEAN	0.158	-0.145	-0.109	0.281	0.018	0.436	-0.489	-0.622	-2.015	-0.525
STANDARD DEVIATION	0.652	1.231	0.868	0.779	0.547	0.706	0.961	1.055	0.714	0.120

## LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Rater= Foecking, Brian

YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	G1TOT	G2TOT	G3TOT	I2TOT	I3TOT	UCTOT	THTOT	ATTOT	G4TOT	I4TOT
A1-SEQUENCE III										
A2-SEQUENCE III										
A3-SEQUENCE III										
A4-SEQUENCE III										
A5-SQUARE CUT DIESEL										
A6-SEQUENCE III										
A7-SQUARE CUT DIESEL										
A8-FIELD PISTON										
B1-SEQUENCE III	-0.22	0.58	0.65	0.13	-1.15	-1.27	0.55	0.57		
B2-SEQUENCE III	1.44	-0.36	-1.89	-0.36	-1.00	-0.70	0.10	0.35		
B3-SEQUENCE III	0.75	-0.14	0.87	-0.99	-1.39	-0.65	-1.78	0.05		
B4-SEQUENCE III	0.04	-0.41	0.78	-1.21	-0.33	-0.75	-0.48	-0.53		
B5-SQUARE CUT DIESEL	-0.87	0.67	1.29	-0.88	1.60				1.32	1.21
B6-SEQUENCE III	-0.48	0.47	1.23	-1.35	-1.28	-0.77	-0.18	0.65		
B7-SQUARE CUT DIESEL	0.33	-0.87	0.94	-1.00	1.37				0.19	1.24
B8-FIELD PISTON	0.14	-0.67	-1.42	-0.16	-1.58		-0.62	-0.34		
C1-SEQUENCE III										
C2-SEQUENCE III										
C3-SEQUENCE III										
C4-SEQUENCE III										
C5-SQUARE CUT DIESEL										
C6-SEQUENCE III										
C7-SQUARE CUT DIESEL										
C8-FIELD PISTON										
CAL-A-CAL. SEQ. III PISTON	-0.79	-0.91	0.41	-0.83	-0.20	-0.19	0.19	-0.43		
CAL-B-CAL. SEQ. III PISTON										
CAL-C-CAL. SEQ. III PISTON	-0.91	-0.33	0.38	-0.85	0.28	-1.19	0.11	-0.61		
CAL-D-CAL. SEQ. III PISTON										
CAL-M-CAL. DV4 PISTON	-0.75	-0.17	0.19	-0.13	1.37					
CAL-T-CAL. FIELD PISTON	0.04	0.27	-0.82	0.31	-0.48		-0.07	0.03		
X1-DV4 PISTON	0.64	-0.43	1.23	0.13	1.09					
Y1-DV4 PISTON	-0.18	0.07	0.32	-0.77	0.41					
Z1-DV4 PISTON										
MAXIMUM	1.44	-0.91	-1.89	-1.35	1.60	-1.27	-1.78	0.65	1.32	1.24
MINIMUM	0.04	0.07	0.19	0.13	-0.20	-0.19	-0.07	0.03	0.19	1.21
RANGE(MAX-MIN)	1.400	-0.980	-2.080	-1.480	1.800	-1.080	-1.710	0.620	1.130	0.030
MEAN	-0.059	-0.159	0.297	-0.569	-0.092	-0.789	-0.242	-0.029	0.755	1.225
STANDARD DEVIATION	0.691	0.512	0.994	0.542	1.123	0.361	0.676	0.477	0.799	0.021

# LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Rater= Fujita, Hirokazu

YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCIOT	THIOT	ATTOT	G4TOT	L4TOT
A1-SEQUENCE III	-0.95	0.43	-0.42	0.33	-0.13	0.40	0.45	0.40		
A2-SEQUENCE III	-0.23	0.37	-1.09	0.15	-0.26	0.85	0.40	0.34		
A3-SEQUENCE III	-1.21	0.17	-0.17	0.22	0.22	0.11	0.48	0.23		
A4-SEQUENCE III	0.38	0.32	-2.26	-0.32	-1.00	0.87	-0.18	0.04		
A5-SQUARE CUT DIESEL	-1.71	-1.94	0.25	-1.00	-0.47				-0.31	0.76
A6-SEQUENCE III	-0.66	-0.56	-0.16	-0.01	-0.97	-0.97	-0.86	-1.13		
A7-SQUARE CUT DIESEL										
A8-FIELD PISTON										
B1-SEQUENCE III										
B2-SEQUENCE III										
B3-SEQUENCE III										
B4-SEQUENCE III										
B5-SQUARE CUT DIESEL										
B6-SEQUENCE III										
B7-SQUARE CUT DIESEL										
B8-FIELD PISTON										
C1-SEQUENCE III										
C2-SEQUENCE III										
C3-SEQUENCE III										
C4-SEQUENCE III										
C5-SQUARE CUT DIESEL										
C6-SEQUENCE III										
C7-SQUARE CUT DIESEL										
C8-FIELD PISTON										
CAL-A-CAL. SEQ. III PISTON	-0.17	-0.14	-1.19	-0.44	-0.41	0.19	-1.14	0.98		
CAL-B-CAL. SEQ. III PISTON										
CAL-C-CAL. SEQ. III PISTON										
CAL-D-CAL. SEQ. III PISTON	-0.42	0.34	-1.23	-0.60	-0.62	-0.20	-0.24	-0.95		
CAL-M-CAL. DV4 PISTON										
CAL-T-CAL. FIELD PISTON										
X1-DV4 PISTON										
Y1-DV4 PISTON										
Z1-DV4 PISTON										
MAXIMUM	-1.71	-1.94	-2.26	-1.00	-1.00	-0.97	-1.14	-1.13	-0.31	0.76
MINIMUM	-0.17	-0.14	-0.16	-0.01	-0.13	0.11	-0.18	0.04	-0.31	0.76
RANGE(MAX-MIN)	-1.540	-1.800	-2.100	-0.990	-0.870	-1.080	-0.960	-1.170	0.000	0.000
MEAN	-0.621	-0.126	-0.784	-0.209	-0.455	0.179	-0.156	-0.013	-0.310	0.760
STANDARD DEVIATION	0.659	0.805	0.811	0.461	0.412	0.638	0.652	0.760	0.000	0.000

## LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Rater= Greenland, Paul

YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	G1TOT	G2TOT	G3TOT	I2TOT	I3TOT	U1TOT	THTOT	ATTOT	G4TOT	I4TOT
A1-SEQUENCE III										
A2-SEQUENCE III										
A3-SEQUENCE III										
A4-SEQUENCE III										
A5-SQUARE CUT DIESEL										
A6-SEQUENCE III										
A7-SQUARE CUT DIESEL										
A8-FIELD PISTON										
B1-SEQUENCE III										
B2-SEQUENCE III										
B3-SEQUENCE III										
B4-SEQUENCE III										
B5-SQUARE CUT DIESEL										
B6-SEQUENCE III										
B7-SQUARE CUT DIESEL										
B8-FIELD PISTON										
C1-SEQUENCE III	-1.36	-0.76	0.39	-0.98	-1.05	-0.96	0.84	-0.12		
C2-SEQUENCE III	0.98	0.85	0.68	0.06	0.21	0.34	0.48	0.97		
C3-SEQUENCE III	-0.67	-1.37	1.90	-1.52	-0.53	-0.99	0.54	-1.05		
C4-SEQUENCE III	-0.03	-0.45	0.02	-0.82	-0.01	-0.89	0.38	-0.03		
C5-SQUARE CUT DIESEL	-0.67	0.71	0.01	0.77	1.14				-0.08	1.00
C6-SEQUENCE III	-0.54	0.34	1.29	-2.48	0.77	-0.31	0.22	-0.07		
C7-SQUARE CUT DIESEL	-0.54	-0.18	0.79	0.23	1.21				0.17	0.34
C8-FIELD PISTON	-0.82	-1.08	-1.29	-0.03	-0.84		-1.52	-1.32		
CAL-A-CAL. SEQ. III PISTON										
CAL-B-CAL. SEQ. III PISTON	0.73	-0.85	0.46	0.05	0.14	-0.48	0.66	0.73		
CAL-C-CAL. SEQ. III PISTON	0.54	1.52	1.48	0.37	1.55	0.75	0.44	-0.61		
CAL-D-CAL. SEQ. III PISTON										
CAL-M-CAL. DV4 PISTON	1.46	-0.73	0.34	-0.82	-0.05					
CAL-T-CAL. FIELD PISTON	-0.88	-0.33	0.23	-0.74	-0.10		0.38	-0.27		
X1-DV4 PISTON										
Y1-DV4 PISTON	-0.38	1.16	0.63	-1.27	0.45					
Z1-DV4 PISTON	1.69	-1.31	-0.04	-1.01	0.71					
MAXIMUM	1.69	1.52	1.90	-2.48	1.55	-0.99	-1.52	-1.32	0.17	1.00
MINIMUM	-0.03	-0.18	0.01	-0.03	-0.01	-0.31	0.22	-0.03	-0.08	0.34
RANGE(MAX-MIN)	1.720	1.700	1.890	-2.450	1.560	-0.680	-1.740	-1.290	0.250	0.660
MEAN	-0.035	-0.177	0.492	-0.585	0.257	-0.363	0.269	-0.197	0.045	0.670
STANDARD DEVIATION	0.948	0.940	0.772	0.875	0.770	0.680	0.694	0.745	0.177	0.467

# LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Rater= Grundza, Richard

YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	G1TOT	G2TOT	G3TOT	I2TOT	I3TOT	UCIOT	THIOT	ATTOT	G4TOT	I4TOT
A1-SEQUENCE III										
A2-SEQUENCE III										
A3-SEQUENCE III										
A4-SEQUENCE III										
A5-SQUARE CUT DIESEL										
A6-SEQUENCE III	-0.14	1.27	-1.74	0.98	0.95	-0.83	-0.59	-1.13		
A7-SQUARE CUT DIESEL										
A8-FIELD PISTON										
B1-SEQUENCE III	0.76	0.58	-1.97	1.35	0.23	-2.03	-1.93	-2.14		
B2-SEQUENCE III										
B3-SEQUENCE III										
B4-SEQUENCE III										
B5-SQUARE CUT DIESEL										
B6-SEQUENCE III										
B7-SQUARE CUT DIESEL										
B8-FIELD PISTON										
C1-SEQUENCE III	-0.61	1.35	-0.99	0.48	1.63	-1.80	-0.99	-2.37		
C2-SEQUENCE III										
C3-SEQUENCE III										
C4-SEQUENCE III										
C5-SQUARE CUT DIESEL										
C6-SEQUENCE III										
C7-SQUARE CUT DIESEL										
C8-FIELD PISTON										
CAL-A-CAL. SEQ. III PISTON										
CAL-B-CAL. SEQ. III PISTON										
CAL-C-CAL. SEQ. III PISTON										
CAL-D-CAL. SEQ. III PISTON										
CAL-M-CAL. DV4 PISTON										
CAL-T-CAL. FIELD PISTON										
X1-DV4 PISTON	0.19	0.82	-1.56	-1.69	0.17					
Y1-DV4 PISTON	3.34	-0.15	-1.22	1.40	-0.54					
Z1-DV4 PISTON										
MAXIMUM	3.34	1.35	-1.97	-1.69	1.63	-2.03	-1.93	-2.37		
MINIMUM	-0.14	-0.15	-0.99	0.48	0.17	-0.83	-0.59	-1.13		
RANGE(MAX-MIN)	3.480	1.500	-0.980	-2.170	1.460	-1.200	-1.340	-1.240		
MEAN	0.708	0.774	-1.496	0.504	0.488	-1.553	-1.170	-1.880		
STANDARD DEVIATION	1.554	0.606	0.394	1.281	0.828	0.637	0.688	0.660		



## LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Rater= Hills, Barry

YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	G1TOT	G2TOT	G3TOT	I2TOT	I3TOT	UCTOT	THTOT	ATTOT	G4TOT	I4TOT
A1-SEQUENCE III										
A2-SEQUENCE III										
A3-SEQUENCE III										
A4-SEQUENCE III										
A5-SQUARE CUT DIESEL										
A6-SEQUENCE III										
A7-SQUARE CUT DIESEL										
A8-FIELD PISTON										
B1-SEQUENCE III	-0.20	-1.07	0.65	-0.66	-0.82	0.90	0.16	-0.33		
B2-SEQUENCE III	0.39	1.17	0.09	0.33	0.20	-0.62	2.20	0.51		
B3-SEQUENCE III	-1.18	-0.14	1.38	-1.70	-0.39	0.88	1.20	1.17		
B4-SEQUENCE III	-1.30	0.81	1.66	-0.67	-0.60	-0.64	1.10	0.23		
B5-SQUARE CUT DIESEL	-0.97	1.44	0.45	-0.32	1.06				-0.12	1.02
B6-SEQUENCE III	-0.92	1.44	1.23	-0.63	-0.62	-0.79	0.28	0.02		
B7-SQUARE CUT DIESEL	-1.06	0.73	0.04	-0.28	-0.22				0.30	-0.35
B8-FIELD PISTON	1.27	0.69	-0.29	-1.99	-0.46		-0.96	-0.95		
C1-SEQUENCE III	0.39	2.20	1.76	-1.22	-0.81	0.94	0.79	-0.12		
C2-SEQUENCE III	-0.99	-0.79	1.73	-1.22	-2.01	0.24	1.32	1.33		
C3-SEQUENCE III										
C4-SEQUENCE III										
C5-SQUARE CUT DIESEL										
C6-SEQUENCE III										
C7-SQUARE CUT DIESEL										
C8-FIELD PISTON										
CAL-A-CAL. SEQ. III PISTON										
CAL-B-CAL. SEQ. III PISTON	-0.16	-0.85	0.78	-0.70	-0.54	-0.14	1.47	-0.22		
CAL-C-CAL. SEQ. III PISTON										
CAL-D-CAL. SEQ. III PISTON	-0.29	0.62	1.57	-1.20	-0.62	-0.77	1.15	0.61		
CAL-M-CAL. DV4 PISTON	-0.87	-0.80	0.24	-1.26	-0.72					
CAL-T-CAL. FIELD PISTON	0.21	-0.41	-0.12	-0.29	0.01		-0.31	-0.09		
X1-DV4 PISTON	1.08	-0.73	0.26	0.63	0.17					
Y1-DV4 PISTON										
Z1-DV4 PISTON										
MAXIMUM	-1.30	2.20	1.76	-1.99	-2.01	0.94	2.20	1.33	0.30	1.02
MINIMUM	-0.16	-0.14	0.04	-0.28	0.01	-0.14	0.16	0.02	-0.12	-0.35
RANGE(MAX-MIN)	-1.140	2.340	1.720	-1.710	-2.020	1.080	2.040	1.310	0.420	1.370
MEAN	-0.307	0.287	0.762	-0.745	-0.425	0.000	0.764	0.196	0.090	0.335
STANDARD DEVIATION	0.828	1.036	0.731	0.710	0.666	0.755	0.897	0.669	0.297	0.969

# LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Rater= Hurst, Kevin R.

YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	G1IOT	G2IOT	G3IOT	I2IOT	I3IOT	UCIOT	THIOT	ATTOT	G4IOT	I4IOT
A1-SEQUENCE III	-0.29	-0.17	0.85	0.30	-0.77	-0.65	0.45	0.40		
A2-SEQUENCE III	0.93	0.13	-0.36	0.79	-1.88	-0.37	0.84	0.34		
A3-SEQUENCE III	-0.14	0.22	0.93	0.31	-0.91	0.15	0.48	0.23		
A4-SEQUENCE III	0.03	0.28	0.67	0.31	-1.68	0.33	0.10	0.04		
A5-SQUARE CUT DIESEL	0.40	0.68	-0.08	0.12	0.66				0.16	0.06
A6-SEQUENCE III	-0.52	-0.29	-0.94	0.64	-0.82	-1.23	1.36	0.39		
A7-SQUARE CUT DIESEL	-0.74	-1.51	-0.48	0.52	-0.20				-2.06	-1.00
A8-FIELD PISTON	0.52	-0.38	-1.33	-0.63	-0.43		-0.97	-1.28		
B1-SEQUENCE III	-0.58	0.58	0.18	0.64	-1.33	0.92	0.16	-0.33		
B2-SEQUENCE III	0.54	-0.58	-0.09	0.07	-0.67	-0.78	0.79	-0.27		
B3-SEQUENCE III	-0.92	-0.30	0.13	-0.64	-1.02	-0.75	1.33	0.74		
B4-SEQUENCE III										
B5-SQUARE CUT DIESEL										
B6-SEQUENCE III										
B7-SQUARE CUT DIESEL										
B8-FIELD PISTON										
C1-SEQUENCE III										
C2-SEQUENCE III										
C3-SEQUENCE III										
C4-SEQUENCE III										
C5-SQUARE CUT DIESEL										
C6-SEQUENCE III										
C7-SQUARE CUT DIESEL										
C8-FIELD PISTON										
CAL-A-CAL. SEQ. III PISTON										
CAL-B-CAL. SEQ. III PISTON										
CAL-C-CAL. SEQ. III PISTON	-0.12	-0.51	-0.29	0.86	-1.12	-0.33	0.44	-0.61		
CAL-D-CAL. SEQ. III PISTON	-0.80	-0.22	-0.94	-0.30	-0.13	-0.34	0.89	0.50		
CAL-M-CAL. DV4 PISTON	-0.83	-0.94	-0.05	-1.32	0.32					
CAL-T-CAL. FIELD PISTON	0.04	0.35	0.20	0.05	0.24		-0.73	-0.04		
X1-DV4 PISTON	0.64	0.29	-0.71	-1.19	-2.01					
Y1-DV4 PISTON										
Z1-DV4 PISTON	-0.11	0.52	-2.01	-1.01	-0.19					
MAXIMUM	0.93	-1.51	-2.01	-1.32	-2.01	-1.23	1.36	-1.28	-2.06	-1.00
MINIMUM	0.03	0.13	-0.05	0.05	-0.13	0.15	0.10	0.04	0.16	0.06
RANGE(MAX-MIN)	0.900	-1.640	-1.960	-1.370	-1.880	-1.380	1.260	-1.320	-2.220	-1.060
MEAN	-0.115	-0.109	-0.254	-0.028	-0.702	-0.305	0.428	0.009	-0.950	-0.470
STANDARD DEVIATION	0.572	0.580	0.773	0.699	0.770	0.625	0.718	0.562	1.570	0.750

# LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Rater= King, Jennifer

YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	G1TOT	G2TOT	G3TOT	I2TOT	I3TOT	UCIOT	THIOT	ATTOT	G4TOT	I4TOT
A1-SEQUENCE III										
A2-SEQUENCE III										
A3-SEQUENCE III										
A4-SEQUENCE III										
A5-SQUARE CUT DIESEL										
A6-SEQUENCE III										
A7-SQUARE CUT DIESEL										
A8-FIELD PISTON										
B1-SEQUENCE III	-0.09	0.58	0.65	0.86	-0.06	1.32	-0.75	0.03		
B2-SEQUENCE III										
B3-SEQUENCE III	1.08	0.51	0.48	1.30	0.60	0.92	0.83	0.22		
B4-SEQUENCE III										
B5-SQUARE CUT DIESEL										
B6-SEQUENCE III	-0.73	1.44	-0.21	2.41	-1.06	-0.52	0.05	-1.23		
B7-SQUARE CUT DIESEL										
B8-FIELD PISTON										
C1-SEQUENCE III	0.62	0.93	0.65	2.53	-0.35	1.16	0.25	0.69		
C2-SEQUENCE III	0.54	0.80	0.31	2.17	0.24	1.32	0.86	0.90		
C3-SEQUENCE III	0.16	0.57	0.14	1.63	1.87	-0.02	0.77	-0.52		
C4-SEQUENCE III	0.52	0.30	0.19	0.73	0.47	0.83	0.24	-0.85		
C5-SQUARE CUT DIESEL										
C6-SEQUENCE III	0.84	0.71	1.18	0.75	-0.16	1.17	0.57	0.26		
C7-SQUARE CUT DIESEL										
C8-FIELD PISTON										
CAL-A-CAL. SEQ. III PISTON	-0.46	0.01	-0.14	1.17	-0.62	0.21	0.36	-0.34		
CAL-B-CAL. SEQ. III PISTON	0.17	0.22	0.44	0.80	-0.04	-1.13	0.48	-1.74		
CAL-C-CAL. SEQ. III PISTON										
CAL-D-CAL. SEQ. III PISTON										
CAL-M-CAL. DV4 PISTON	0.02	1.22	0.34	2.37	-0.35					
CAL-T-CAL. FIELD PISTON	1.83	0.39	-0.62	0.41	0.50		0.41	0.12		
X1-DV4 PISTON										
Y1-DV4 PISTON										
Z1-DV4 PISTON										
MAXIMUM	1.83	1.44	1.18	2.53	1.87	1.32	0.86	-1.74		
MINIMUM	0.02	0.01	0.14	0.41	-0.04	-0.02	0.05	0.03		
RANGE(MAX-MIN)	1.810	1.430	1.040	2.120	1.910	1.340	0.810	-1.770		
MEAN	0.375	0.640	0.284	1.428	0.087	0.526	0.370	-0.224		
STANDARD DEVIATION	0.693	0.412	0.468	0.765	0.743	0.854	0.453	0.807		

# LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Rater= Kobrinetz, Joaquin J.

YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	G1TOT	G2TOT	G3TOT	I2TOT	I3TOT	U1TOT	THTOT	ATTOT	G4TOT	I4TOT
A1-SEQUENCE III										
A2-SEQUENCE III										
A3-SEQUENCE III										
A4-SEQUENCE III										
A5-SQUARE CUT DIESEL										
A6-SEQUENCE III										
A7-SQUARE CUT DIESEL										
A8-FIELD PISTON										
B1-SEQUENCE III	-0.16	0.58	1.30	-0.61	0.03	0.67	0.81	0.57		
B2-SEQUENCE III										
B3-SEQUENCE III	0.49	1.15	0.61	0.07	0.03	0.27	0.60	0.83		
B4-SEQUENCE III	0.47	-0.17	0.13	-0.44	-0.60	-0.42	0.66	0.89		
B5-SQUARE CUT DIESEL										
B6-SEQUENCE III	0.83	-0.26	0.67	-0.45	0.29	-0.56	0.28	0.53		
B7-SQUARE CUT DIESEL										
B8-FIELD PISTON										
C1-SEQUENCE III										
C2-SEQUENCE III										
C3-SEQUENCE III										
C4-SEQUENCE III										
C5-SQUARE CUT DIESEL										
C6-SEQUENCE III										
C7-SQUARE CUT DIESEL										
C8-FIELD PISTON										
CAL-A-CAL. SEQ. III PISTON										
CAL-B-CAL. SEQ. III PISTON	-0.11	-0.26	0.60	1.17	-0.16	-0.42	0.07	-0.22		
CAL-C-CAL. SEQ. III PISTON	0.84	0.09	0.05	0.25	0.54	-0.45	-0.30	0.69		
CAL-D-CAL. SEQ. III PISTON	-0.42	-0.41	0.24	-0.52	-0.32	-0.60	0.46	0.50		
CAL-M-CAL. DV4 PISTON	1.13	-0.38	0.32	-0.57	0.17					
CAL-T-CAL. FIELD PISTON										
X1-DV4 PISTON										
Y1-DV4 PISTON	0.01	0.47	0.49	-0.01	0.55					
Z1-DV4 PISTON										
MAXIMUM	1.13	1.15	1.30	1.17	-0.60	0.67	0.81	0.89		
MINIMUM	0.01	0.09	0.05	-0.01	0.03	0.27	0.07	-0.22		
RANGE(MAX-MIN)	1.120	1.060	1.250	1.180	-0.630	0.400	0.740	1.110		
MEAN	0.342	0.090	0.490	-0.123	0.059	-0.216	0.369	0.541		
STANDARD DEVIATION	0.535	0.535	0.376	0.577	0.382	0.487	0.384	0.367		

# LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Rater= Kraemer, Vernon

YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCIOT	THIOT	ATTOT	G4TOT	L4TOT
A1-SEQUENCE III	0.60	0.17	-0.42	1.87	1.39	0.49	0.01	-0.59		
A2-SEQUENCE III	1.20	0.01	0.37	1.80	0.65	1.04	0.18	0.69		
A3-SEQUENCE III	1.46	0.22	-0.01	0.87	0.36	-0.26	0.48	0.23		
A4-SEQUENCE III	0.21	0.32	0.84	1.66	0.43	-1.16	0.71	0.81		
A5-SQUARE CUT DIESEL										
A6-SEQUENCE III	1.76	1.38	-0.32	2.33	-0.52	0.85	-0.32	-0.37		
A7-SQUARE CUT DIESEL										
A8-FIELD PISTON										
B1-SEQUENCE III										
B2-SEQUENCE III										
B3-SEQUENCE III										
B4-SEQUENCE III										
B5-SQUARE CUT DIESEL										
B6-SEQUENCE III										
B7-SQUARE CUT DIESEL										
B8-FIELD PISTON										
C1-SEQUENCE III										
C2-SEQUENCE III										
C3-SEQUENCE III										
C4-SEQUENCE III	-1.18	1.14	-0.98	2.77	0.01	0.98	1.45	1.30		
C5-SQUARE CUT DIESEL										
C6-SEQUENCE III	2.52	0.20	-1.67	1.24	-0.32	1.67	1.01	-0.40		
C7-SQUARE CUT DIESEL										
C8-FIELD PISTON										
CAL-A-CAL. SEQ. III PISTON	2.29	-0.91	0.92	1.02	1.32	0.90	-1.76	-2.78		
CAL-B-CAL. SEQ. III PISTON										
CAL-C-CAL. SEQ. III PISTON										
CAL-D-CAL. SEQ. III PISTON	1.97	-0.18	0.54	2.06	1.35	1.88	-0.60	-2.29		
CAL-M-CAL. DV4 PISTON										
CAL-T-CAL. FIELD PISTON	0.10	0.71	0.88	2.53	2.42		0.60	0.66		
X1-DV4 PISTON										
Y1-DV4 PISTON										
Z1-DV4 PISTON										
MAXIMUM	2.52	1.38	-1.67	2.77	2.42	1.88	-1.76	-2.78		
MINIMUM	0.10	0.01	-0.01	0.87	0.01	-0.26	0.01	0.23		
RANGE(MAX-MIN)	2.420	1.370	-1.660	1.900	2.410	2.140	-1.770	-3.010		
MEAN	1.093	0.306	0.015	1.815	0.709	0.710	0.176	-0.274		
STANDARD DEVIATION	1.155	0.654	0.868	0.635	0.909	0.936	0.913	1.341		

## LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Rater= Lam, Eddie

YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	G1TOT	G2TOT	G3TOT	I2TOT	I3TOT	UCIOT	THIOT	ATTOT	G4TOT	I4TOT
A1-SEQUENCE III										
A2-SEQUENCE III										
A3-SEQUENCE III										
A4-SEQUENCE III										
A5-SQUARE CUT DIESEL										
A6-SEQUENCE III										
A7-SQUARE CUT DIESEL										
A8-FIELD PISTON										
B1-SEQUENCE III										
B2-SEQUENCE III										
B3-SEQUENCE III										
B4-SEQUENCE III										
B5-SQUARE CUT DIESEL										
B6-SEQUENCE III										
B7-SQUARE CUT DIESEL										
B8-FIELD PISTON										
C1-SEQUENCE III	1.62	-0.76	-1.30	0.48	0.00	-0.05	0.04	-0.12		
C2-SEQUENCE III	0.94	0.00	0.84	-1.31	0.21	-1.44	-2.12	-2.38		
C3-SEQUENCE III	2.39	1.47	-1.20	-0.40	-0.13	-1.90	-0.41	0.28		
C4-SEQUENCE III	-0.15	0.65	0.29	-0.90	0.49	-1.09	0.79	-0.03		
C5-SQUARE CUT DIESEL	1.28	0.62	0.37	0.50	-1.00				0.26	-1.19
C6-SEQUENCE III										
C7-SQUARE CUT DIESEL	-0.81	-0.40	0.86	0.77	-0.23				0.17	-0.61
C8-FIELD PISTON										
CAL-A-CAL. SEQ. III PISTON										
CAL-B-CAL. SEQ. III PISTON	-0.16	-0.85	-0.03	-2.71	0.67	1.13	-2.72	-0.22		
CAL-C-CAL. SEQ. III PISTON	-1.92	-0.23	-1.96	0.62	-0.37	0.04	0.03	1.55		
CAL-D-CAL. SEQ. III PISTON										
CAL-M-CAL. DV4 PISTON	2.23	-0.03	0.18	0.93	0.58					
CAL-T-CAL. FIELD PISTON	-0.50	0.59	-0.17	0.18	-0.23		-0.12	-0.39		
X1-DV4 PISTON										
Y1-DV4 PISTON	-0.28	1.31	0.83	-0.55	0.43					
Z1-DV4 PISTON	1.10	0.44	0.77	1.29	-0.22					
MAXIMUM	2.39	1.47	-1.96	-2.71	-1.00	-1.90	-2.72	-2.38	0.26	-1.19
MINIMUM	-0.15	0.00	-0.03	0.18	0.00	0.04	0.03	-0.03	0.17	-0.61
RANGE(MAX-MIN)	2.540	1.470	-1.930	-2.890	-1.000	-1.940	-2.750	-2.350	0.090	-0.580
MEAN	0.478	0.234	-0.043	-0.092	0.017	-0.552	-0.644	-0.187	0.215	-0.900
STANDARD DEVIATION	1.315	0.744	0.952	1.138	0.482	1.125	1.278	1.163	0.064	0.410

# LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Rater= Lonsway, Chris

YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	G1TOT	G2TOT	G3TOT	I2TOT	I3TOT	UCTOT	THTOT	ATTOT	G4TOT	I4TOT
A1-SEQUENCE III										
A2-SEQUENCE III										
A3-SEQUENCE III										
A4-SEQUENCE III										
A5-SQUARE CUT DIESEL										
A6-SEQUENCE III										
A7-SQUARE CUT DIESEL										
A8-FIELD PISTON										
B1-SEQUENCE III	-0.99	0.58	0.65	0.18	-0.98	-1.00	0.16	-0.33		
B2-SEQUENCE III	-0.35	-0.36	-1.14	-0.14	-1.37	-1.20	-0.24	0.51		
B3-SEQUENCE III	-0.52	-0.14	0.61	-0.82	-1.29	-2.66	-1.22	0.31		
B4-SEQUENCE III	-0.62	0.81	-0.16	-0.13	-0.60	-1.53	0.40	-1.12		
B5-SQUARE CUT DIESEL	1.18	-0.72	0.45	0.07	1.06				-0.12	0.40
B6-SEQUENCE III	-1.02	0.71	0.75	-0.14	-0.19	-1.29	-1.00	0.02		
B7-SQUARE CUT DIESEL	0.26	-0.52	0.68	-0.20	1.18				0.84	1.24
B8-FIELD PISTON	-0.66	-0.47	-0.59	-0.71	-0.74		-0.43	-0.42		
C1-SEQUENCE III										
C2-SEQUENCE III										
C3-SEQUENCE III										
C4-SEQUENCE III										
C5-SQUARE CUT DIESEL										
C6-SEQUENCE III										
C7-SQUARE CUT DIESEL										
C8-FIELD PISTON										
CAL-A-CAL. SEQ. III PISTON										
CAL-B-CAL. SEQ. III PISTON	-0.16	-0.14	0.35	-0.02	-0.95	-1.73	-0.56	-0.22		
CAL-C-CAL. SEQ. III PISTON										
CAL-D-CAL. SEQ. III PISTON	-0.29	-1.25	1.33	-1.20	-1.40	-1.28	0.36	0.50		
CAL-M-CAL. DV4 PISTON	-0.18	1.78	0.24	-0.01	0.02					
CAL-T-CAL. FIELD PISTON	-0.61	0.79	-0.30	-0.31	0.33		0.17	0.60		
X1-DV4 PISTON	0.19	-0.07	0.56	-0.09	0.17					
Y1-DV4 PISTON	-0.09	-0.29	0.60	0.02	0.45					
Z1-DV4 PISTON										
MAXIMUM	1.18	1.78	1.33	-1.20	-1.40	-2.66	-1.22	-1.12	0.84	1.24
MINIMUM	-0.09	-0.07	-0.16	-0.01	0.02	-1.00	0.16	0.02	-0.12	0.40
RANGE(MAX-MIN)	1.270	1.850	1.490	-1.190	-1.420	-1.660	-1.380	-1.140	0.960	0.840
MEAN	-0.276	0.051	0.288	-0.250	-0.308	-1.527	-0.262	-0.017	0.360	0.820
STANDARD DEVIATION	0.568	0.789	0.635	0.390	0.870	0.552	0.588	0.565	0.679	0.594

# LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Rater= Lopez, Frank

YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	G1IOT	G2TOT	G3IOT	L2IOT	L3TOT	UCIOT	THIOT	ATTOT	G4IOT	L4TOT
A1-SEQUENCE III	-0.45	0.02	0.93	0.04	0.35	-1.45	0.15	0.40		
A2-SEQUENCE III	0.38	-0.70	0.97	0.01	0.76	-1.59	0.36	0.34		
A3-SEQUENCE III	1.31	0.27	0.99	0.40	1.96	1.30	-0.52	0.23		
A4-SEQUENCE III	0.33	0.32	0.61	0.77	1.20	2.23	-1.26	0.04		
A5-SQUARE CUT DIESEL	0.40	0.68	0.33	0.41	0.80				0.82	0.43
A6-SEQUENCE III	-1.06	-0.34	-1.29	-1.09	1.30	0.42	0.09	0.39		
A7-SQUARE CUT DIESEL	-0.32	-0.26	0.19	-0.98	0.30				0.27	0.00
A8-FIELD PISTON	0.72	-0.73	1.02	1.42	-0.78		1.35	0.88		
B1-SEQUENCE III										
B2-SEQUENCE III										
B3-SEQUENCE III										
B4-SEQUENCE III										
B5-SQUARE CUT DIESEL										
B6-SEQUENCE III										
B7-SQUARE CUT DIESEL										
B8-FIELD PISTON										
C1-SEQUENCE III										
C2-SEQUENCE III										
C3-SEQUENCE III										
C4-SEQUENCE III										
C5-SQUARE CUT DIESEL										
C6-SEQUENCE III										
C7-SQUARE CUT DIESEL										
C8-FIELD PISTON										
CAL-A-CAL. SEQ. III PISTON	-0.72	-0.29	1.15	-0.50	-0.44	-1.20	0.63	0.13		
CAL-B-CAL. SEQ. III PISTON										
CAL-C-CAL. SEQ. III PISTON	-0.91	0.37	0.75	0.86	-0.14	-0.28	-0.14	-0.61		
CAL-D-CAL. SEQ. III PISTON										
CAL-M-CAL. DV4 PISTON	-0.79	0.39	0.24	0.62	-1.14					
CAL-T-CAL. FIELD PISTON	0.64	0.23	0.43	0.18	0.56		0.64	0.51		
X1-DV4 PISTON	-0.25	-0.29	0.86	0.41	1.00					
Y1-DV4 PISTON	0.01	-0.07	0.36	-0.97	0.45					
Z1-DV4 PISTON										
MAXIMUM	1.31	-0.73	-1.29	1.42	1.96	2.23	1.35	0.88	0.82	0.43
MINIMUM	0.01	0.02	0.19	0.01	-0.14	-0.28	0.09	0.04	0.27	0.00
RANGE(MAX-MIN)	1.300	-0.750	-1.480	1.410	2.100	2.510	1.260	0.840	0.550	0.430
MEAN	-0.051	-0.029	0.539	0.113	0.441	-0.081	0.144	0.257	0.545	0.215
STANDARD DEVIATION	0.706	0.425	0.617	0.756	0.846	1.469	0.748	0.405	0.389	0.304



## LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Rater= Lowsky, John

YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	G1TOT	G2TOT	G3TOT	I2TOT	I3TOT	UCTOT	THTOT	ATTOT	G4TOT	I4TOT
A1-SEQUENCE III										
A2-SEQUENCE III										
A3-SEQUENCE III										
A4-SEQUENCE III										
A5-SQUARE CUT DIESEL										
A6-SEQUENCE III										
A7-SQUARE CUT DIESEL										
A8-FIELD PISTON										
B1-SEQUENCE III	-0.09	0.58	-0.85	2.27	2.92	0.79	0.81	1.48		
B2-SEQUENCE III	-1.55	-0.36	1.35	2.53	0.75	0.33	-1.14	1.28		
B3-SEQUENCE III	0.08	-3.05	0.71	0.07	1.92	1.22	0.27	-0.56		
B4-SEQUENCE III	0.98	0.81	0.42	-0.44	-0.60	1.82	-0.13	0.49		
B5-SQUARE CUT DIESEL	1.55	1.37	-0.75	1.64	-0.02				1.06	0.40
B6-SEQUENCE III	0.96	-1.96	-1.10	1.12	2.39	1.22	1.86	1.28		
B7-SQUARE CUT DIESEL	-0.99	2.62	-0.61	2.16	0.25				-0.23	0.18
B8-FIELD PISTON	-0.18	-0.47	0.57	1.39	1.86		0.68	0.49		
C1-SEQUENCE III	0.81	-0.34	0.30	-0.73	0.70	1.98	0.59	1.49		
C2-SEQUENCE III	-0.16	1.18	0.39	0.06	1.61	0.77	0.12	0.24		
C3-SEQUENCE III	-1.09	0.87	1.29	0.03	-0.53	0.30	1.25	1.60		
C4-SEQUENCE III	-0.03	1.55	0.63	-0.09	2.70	1.71	0.34	1.13		
C5-SQUARE CUT DIESEL	0.70	-1.13	-1.09	0.80	1.14				-0.20	1.25
C6-SEQUENCE III	0.76	0.98	1.02	0.36	2.36	0.56	1.10	1.58		
C7-SQUARE CUT DIESEL	1.08	0.87	0.15	1.13	-0.91				1.21	0.02
C8-FIELD PISTON	-0.38	0.29	1.84	1.99	0.45		1.01	0.87		
CAL-A-CAL. SEQ. III PISTON	1.89	0.53	-0.45	1.35	0.72	-0.11	-0.61	1.07		
CAL-B-CAL. SEQ. III PISTON	2.51	-0.26	0.46	-1.22	3.29	1.24	-0.69	1.68		
CAL-C-CAL. SEQ. III PISTON	1.50	1.54	0.96	-0.61	1.48	1.08	-0.06	1.55		
CAL-D-CAL. SEQ. III PISTON	-0.80	1.22	0.39	0.98	1.64	1.79	-0.57	-1.84		
CAL-M-CAL. DV4 PISTON	-1.08	-0.87	-0.06	-1.32	2.34					
CAL-T-CAL. FIELD PISTON	-0.88	0.91	0.50	-0.82	-0.72		0.84	0.51		
X1-DV4 PISTON	-3.36	-0.14	-0.89	1.07	-1.17					
Y1-DV4 PISTON										
Z1-DV4 PISTON	0.52	-0.35	0.49	-0.88	0.29					
MAXIMUM	-3.36	-3.05	1.84	2.53	3.29	1.98	1.86	-1.84	1.21	1.25
MINIMUM	-0.03	-0.14	-0.06	0.03	-0.02	-0.11	-0.06	0.24	-0.20	0.02
RANGE(MAX-MIN)	-3.330	-2.910	1.900	2.500	3.310	2.090	1.920	-2.080	1.410	1.230
MEAN	0.115	0.266	0.236	0.535	1.036	1.050	0.334	0.844	0.460	0.463
STANDARD DEVIATION	1.284	1.237	0.809	1.160	1.300	0.641	0.800	0.920	0.782	0.548

# LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Rater= May, Marianne

YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	G1TOT	G2TOT	G3TOT	I2TOT	I3TOT	UCIOT	THIOT	ATTOT	G4TOT	I4TOT
A1-SEQUENCE III										
A2-SEQUENCE III	-1.65	0.01	1.51	-0.59	1.39	0.01	0.40	0.34		
A3-SEQUENCE III										
A4-SEQUENCE III	0.38	0.32	0.56	-0.57	0.83	-0.14	0.03	0.81		
A5-SQUARE CUT DIESEL										
A6-SEQUENCE III	-0.92	-0.34	0.89	-0.31	-0.38	0.62	0.09	1.60		
A7-SQUARE CUT DIESEL										
A8-FIELD PISTON										
B1-SEQUENCE III	-1.57	0.58	1.02	-0.25	-0.14	0.79	0.94	1.48		
B2-SEQUENCE III	-1.10	-0.36	-0.94	-0.58	-0.69	-0.47	0.40	-0.11		
B3-SEQUENCE III	-1.33	0.18	0.74	-0.46	-0.97	0.20	0.57	0.83		
B4-SEQUENCE III	-0.80	0.32	0.62	-0.98	-0.60	0.10	0.84	0.44		
B5-SQUARE CUT DIESEL	-0.50	0.39	1.29	0.10	0.09				1.32	0.40
B6-SEQUENCE III	-1.55	-0.50	0.75	-0.55	0.21	-0.28	0.43	1.15		
B7-SQUARE CUT DIESEL	-0.48	0.16	1.07	-0.16	-0.78				0.73	-0.56
B8-FIELD PISTON										
C1-SEQUENCE III										
C2-SEQUENCE III										
C3-SEQUENCE III										
C4-SEQUENCE III										
C5-SQUARE CUT DIESEL										
C6-SEQUENCE III										
C7-SQUARE CUT DIESEL										
C8-FIELD PISTON										
CAL-A-CAL. SEQ. III PISTON	-0.79	-0.81	0.29	0.09	0.46	-0.45	0.54	0.32		
CAL-B-CAL. SEQ. III PISTON	-0.16	-0.02	0.60	-0.32	-0.66	0.49	-0.15	-0.60		
CAL-C-CAL. SEQ. III PISTON	-0.34	-0.58	0.75	-1.34	-0.11	-0.40	0.28	0.69		
CAL-D-CAL. SEQ. III PISTON										
CAL-M-CAL. DV4 PISTON										
CAL-T-CAL. FIELD PISTON										
X1-DV4 PISTON										
Y1-DV4 PISTON										
Z1-DV4 PISTON										
MAXIMUM	-1.65	-0.81	1.51	-1.34	1.39	0.79	0.94	1.60	1.32	-0.56
MINIMUM	-0.16	0.01	0.29	0.09	0.09	0.01	0.03	-0.11	0.73	0.40
RANGE(MAX-MIN)	-1.490	-0.820	1.220	-1.430	1.300	0.780	0.910	1.710	0.590	-0.960
MEAN	-0.832	-0.050	0.704	-0.455	-0.104	0.043	0.397	0.632	1.025	-0.080
STANDARD DEVIATION	0.609	0.429	0.590	0.397	0.692	0.443	0.329	0.655	0.417	0.679

# LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Rater= Pitta, Jimmy

YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	G1TOT	G2TOT	G3TOT	I2TOT	I3TOT	UCIOT	THIOT	ATTOT	G4TOT	I4TOT
A1-SEQUENCE III										
A2-SEQUENCE III										
A3-SEQUENCE III										
A4-SEQUENCE III										
A5-SQUARE CUT DIESEL										
A6-SEQUENCE III										
A7-SQUARE CUT DIESEL										
A8-FIELD PISTON										
B1-SEQUENCE III										
B2-SEQUENCE III										
B3-SEQUENCE III										
B4-SEQUENCE III										
B5-SQUARE CUT DIESEL										
B6-SEQUENCE III										
B7-SQUARE CUT DIESEL										
B8-FIELD PISTON										
C1-SEQUENCE III	-0.32	0.08	0.65	0.11	0.00	-0.60	1.33	-0.12		
C2-SEQUENCE III	-0.29	-0.75	0.23	0.79	0.35	-0.10	-0.30	-0.93		
C3-SEQUENCE III	-0.26	0.42	-0.59	-0.13	0.27	-0.02	-0.11	0.28		
C4-SEQUENCE III	0.94	-1.07	0.06	-0.17	-0.26	-0.89	-1.76	-0.03		
C5-SQUARE CUT DIESEL	0.64	0.71	0.92	-0.45	1.14				0.61	-1.34
C6-SEQUENCE III	-0.08	0.10	-0.14	0.07	0.07	-0.15	0.22	-0.07		
C7-SQUARE CUT DIESEL	-0.17	0.37	-0.14	0.40	1.14				0.80	1.61
C8-FIELD PISTON	1.33	1.19	-0.39	-0.81	-0.56		-0.41	-1.19		
CAL-A-CAL. SEQ. III PISTON										
CAL-B-CAL. SEQ. III PISTON	-0.22	1.41	0.44	-0.99	-0.22	-0.70	-1.01	-2.12		
CAL-C-CAL. SEQ. III PISTON										
CAL-D-CAL. SEQ. III PISTON	-0.29	0.57	-0.09	-0.22	0.56	-0.85	-1.90	0.50		
CAL-M-CAL. DV4 PISTON										
CAL-T-CAL. FIELD PISTON										
X1-DV4 PISTON										
Y1-DV4 PISTON										
Z1-DV4 PISTON										
MAXIMUM	1.33	1.41	0.92	-0.99	1.14	-0.89	-1.90	-2.12	0.80	1.61
MINIMUM	-0.08	0.08	0.06	0.07	0.00	-0.02	-0.11	-0.03	0.61	-1.34
RANGE(MAX-MIN)	1.410	1.330	0.860	-1.060	1.140	-0.870	-1.790	-2.090	0.190	2.950
MEAN	0.128	0.303	0.095	-0.140	0.249	-0.473	-0.493	-0.460	0.705	0.135
STANDARD DEVIATION	0.607	0.771	0.469	0.531	0.570	0.372	1.061	0.881	0.134	2.086

## LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Rater= Potocar, William P

YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	G1TOT	G2TOT	G3TOT	I2TOT	I3TOT	UCTOT	THTOT	ATTOT	G4TOT	I4TOT
A1-SEQUENCE III										
A2-SEQUENCE III										
A3-SEQUENCE III										
A4-SEQUENCE III										
A5-SQUARE CUT DIESEL										
A6-SEQUENCE III										
A7-SQUARE CUT DIESEL										
A8-FIELD PISTON										
B1-SEQUENCE III	-1.60	-1.07	-1.22	-1.10	-0.82	-0.11	-1.14	-0.33		
B2-SEQUENCE III	-0.65	-0.36	-1.24	-1.05	-1.45	-0.07	-1.14	-1.35		
B3-SEQUENCE III	-0.75	-0.14	-1.27	-0.64	-0.66	-0.04	-1.88	-1.25		
B4-SEQUENCE III	-1.48	0.56	-1.08	-0.83	-0.60	0.21	-2.59	-0.81		
B5-SQUARE CUT DIESEL	-0.31	-0.79	0.45	-0.24	-1.10				0.27	-2.09
B6-SEQUENCE III	-0.64	1.44	-0.21	-0.81	0.08	-0.52	-1.83	-1.23		
B7-SQUARE CUT DIESEL	0.48	-0.55	0.04	0.27	-1.16				-1.84	-0.35
B8-FIELD PISTON	-0.02	-0.28	-0.98	-0.34	0.27		-1.55	-1.71		
C1-SEQUENCE III										
C2-SEQUENCE III										
C3-SEQUENCE III										
C4-SEQUENCE III										
C5-SQUARE CUT DIESEL										
C6-SEQUENCE III										
C7-SQUARE CUT DIESEL										
C8-FIELD PISTON										
CAL-A-CAL. SEQ. III PISTON										
CAL-B-CAL. SEQ. III PISTON										
CAL-C-CAL. SEQ. III PISTON	-0.20	0.82	-0.99	-0.24	-0.73	-0.65	-1.54	-0.61		
CAL-D-CAL. SEQ. III PISTON	-0.36	0.06	-1.05	-1.12	-1.30	-0.68	-1.53	-0.61		
CAL-M-CAL. DV4 PISTON	-0.42	1.09	0.27	-0.63	-0.35					
CAL-T-CAL. FIELD PISTON	0.75	0.03	-0.36	-0.25	-0.16		-0.53	-0.04		
X1-DV4 PISTON	0.64	-0.77	0.26	1.05	0.17					
Y1-DV4 PISTON										
Z1-DV4 PISTON	-1.81	0.00	-0.28	-0.48	0.68					
MAXIMUM	-1.81	1.44	-1.27	-1.12	-1.45	-0.68	-2.59	-1.71	-1.84	-2.09
MINIMUM	-0.02	0.00	0.04	-0.24	0.08	-0.04	-0.53	-0.04	0.27	-0.35
RANGE(MAX-MIN)	-1.790	1.440	-1.310	-0.880	-1.530	-0.640	-2.060	-1.670	-2.110	-1.740
MEAN	-0.455	0.003	-0.547	-0.458	-0.509	-0.266	-1.326	-0.882	-0.785	-1.220
STANDARD DEVIATION	0.793	0.741	0.636	0.587	0.647	0.347	0.575	0.539	1.492	1.230

# LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Rater= Ramirez, Ray

YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	G1IOT	G2IOT	G3IOT	L2IOT	L3IOT	UCIOT	THIOT	ATTOT	G4IOT	L4IOT
A1-SEQUENCE III	-0.69	-2.60	-1.02	-1.98	-2.52	-1.31	-2.94	-2.28		
A2-SEQUENCE III	1.14	-2.48	-1.84	-2.06	-0.15	0.66	-2.44	-0.34		
A3-SEQUENCE III	0.08	-2.65	-1.55	-2.53	-0.75	0.84	-1.72	-1.02		
A4-SEQUENCE III	-2.83	-2.85	-0.79	-2.16	-0.45	-0.37	0.44	0.04		
A5-SQUARE CUT DIESEL	-0.92	0.09	0.33	-0.91	0.77				0.82	0.06
A6-SEQUENCE III	1.48	-0.77	0.72	-0.65	-0.91	0.02	-0.39	-0.37		
A7-SQUARE CUT DIESEL	-1.11	-1.03	0.19	-1.19	0.30				0.27	0.00
A8-FIELD PISTON										
B1-SEQUENCE III										
B2-SEQUENCE III										
B3-SEQUENCE III										
B4-SEQUENCE III										
B5-SQUARE CUT DIESEL										
B6-SEQUENCE III										
B7-SQUARE CUT DIESEL										
B8-FIELD PISTON										
C1-SEQUENCE III										
C2-SEQUENCE III										
C3-SEQUENCE III										
C4-SEQUENCE III										
C5-SQUARE CUT DIESEL										
C6-SEQUENCE III										
C7-SQUARE CUT DIESEL										
C8-FIELD PISTON										
CAL-A-CAL. SEQ. III PISTON	-0.83	-1.79	-1.48	-0.68	-1.30	-0.27	-0.96	0.13		
CAL-B-CAL. SEQ. III PISTON	-3.06	2.73	-3.77	0.95	0.67	0.70	-0.78	-0.60		
CAL-C-CAL. SEQ. III PISTON										
CAL-D-CAL. SEQ. III PISTON										
CAL-M-CAL. DV4 PISTON										
CAL-T-CAL. FIELD PISTON										
X1-DV4 PISTON										
Y1-DV4 PISTON	-1.65	-0.80	0.07	-0.18	0.58					
Z1-DV4 PISTON	-0.41	1.92	-0.53	1.75	-1.61					
MAXIMUM	-3.06	-2.85	-3.77	-2.53	-2.52	-1.31	-2.94	-2.28	0.82	0.06
MINIMUM	0.08	0.09	0.07	-0.18	-0.15	0.02	-0.39	0.04	0.27	0.00
RANGE(MAX-MIN)	-3.140	-2.940	-3.840	-2.350	-2.370	-1.330	-2.550	-2.320	0.550	0.060
MEAN	-0.800	-0.930	-0.879	-0.876	-0.488	0.039	-1.256	-0.634	0.545	0.030
STANDARD DEVIATION	1.413	1.876	1.277	1.338	1.053	0.769	1.183	0.822	0.389	0.042

# LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Rater= Rodriguez, Jesus (Jesse)

YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	G1TOT	G2TOT	G3TOT	I2TOT	I3TOT	UCTOT	THTOT	ATTOT	G4TOT	I4TOT
A1-SEQUENCE III										
A2-SEQUENCE III										
A3-SEQUENCE III										
A4-SEQUENCE III										
A5-SQUARE CUT DIESEL										
A6-SEQUENCE III										
A7-SQUARE CUT DIESEL										
A8-FIELD PISTON										
B1-SEQUENCE III										
B2-SEQUENCE III										
B3-SEQUENCE III										
B4-SEQUENCE III										
B5-SQUARE CUT DIESEL										
B6-SEQUENCE III										
B7-SQUARE CUT DIESEL										
B8-FIELD PISTON										
C1-SEQUENCE III	-1.03	0.51	0.43	0.60	-1.74	0.22	0.41	-0.12		
C2-SEQUENCE III	-0.67	-0.32	0.03	-1.40	-0.55	0.66	0.51	0.17		
C3-SEQUENCE III	0.00	0.87	0.14	0.73	-0.93	-0.57	0.63	-1.05		
C4-SEQUENCE III	0.03	0.05	0.48	-0.66	-0.63	-0.25	0.24	-1.68		
C5-SQUARE CUT DIESEL	-0.34	-0.26	0.47	0.18	-0.29				0.49	1.10
C6-SEQUENCE III	-1.13	-0.82	-0.19	-0.52	-0.52	0.02	0.22	-0.07		
C7-SQUARE CUT DIESEL	-1.09	1.05	-1.79	0.53	0.30				0.17	0.97
C8-FIELD PISTON	0.82	0.29	0.20	-0.88	-0.74		-0.81	-0.50		
CAL-A-CAL. SEQ. III PISTON	-0.17	0.12	0.63	-0.41	0.22	-0.29	-0.17	-0.43		
CAL-B-CAL. SEQ. III PISTON										
CAL-C-CAL. SEQ. III PISTON	-0.20	0.72	0.11	-1.46	-0.76	-0.80	-0.30	-0.61		
CAL-D-CAL. SEQ. III PISTON										
CAL-M-CAL. DV4 PISTON	0.43	-1.77	0.24	-0.01	0.06					
CAL-T-CAL. FIELD PISTON	1.34	-0.85	-0.43	-0.10	-0.78		0.20	-0.25		
X1-DV4 PISTON	-0.25	-0.81	-0.35	1.88	0.17					
Y1-DV4 PISTON	-0.38	1.57	0.46	0.07	0.11					
Z1-DV4 PISTON										
MAXIMUM	1.34	-1.77	-1.79	1.88	-1.74	-0.80	-0.81	-1.68	0.49	1.10
MINIMUM	0.00	0.05	0.03	-0.01	0.06	0.02	-0.17	-0.07	0.17	0.97
RANGE(MAX-MIN)	1.340	-1.820	-1.820	1.890	-1.800	-0.820	-0.640	-1.610	0.320	0.130
MEAN	-0.189	0.025	0.031	-0.104	-0.434	-0.144	0.103	-0.504	0.330	1.035
STANDARD DEVIATION	0.708	0.901	0.615	0.892	0.570	0.492	0.454	0.565	0.226	0.092

# LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Rater= Sanchez, Arthur

YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	G1TOT	G2TOT	G3TOT	I2TOT	I3TOT	UCTOT	THTOT	ATTOT	G4TOT	I4TOT
A1-SEQUENCE III										
A2-SEQUENCE III										
A3-SEQUENCE III										
A4-SEQUENCE III										
A5-SQUARE CUT DIESEL										
A6-SEQUENCE III										
A7-SQUARE CUT DIESEL										
A8-FIELD PISTON										
B1-SEQUENCE III	0.53	-2.72	0.65	-1.23	-0.47	1.01	-2.45	-2.14		
B2-SEQUENCE III	-1.55	0.30	0.92	-0.84	2.11	-0.65	0.32	-2.59		
B3-SEQUENCE III	0.37	0.51	0.71	-0.11	1.29	-0.04	-0.46	-2.02		
B4-SEQUENCE III	1.94	-0.66	1.01	-0.13	-0.33	-0.58	-0.75	0.82		
B5-SQUARE CUT DIESEL	-1.25	0.74	-2.19	0.54	-1.10				-1.82	-1.47
B6-SEQUENCE III	1.69	-0.02	-0.37	-0.71	-1.36	-0.28	-0.40	-2.48		
B7-SQUARE CUT DIESEL	-0.33	-0.72	-2.55	-1.11	-1.16				-1.94	-1.41
B8-FIELD PISTON	1.91	-0.67	-0.44	-0.07	-0.50		0.78	0.56		
C1-SEQUENCE III										
C2-SEQUENCE III										
C3-SEQUENCE III										
C4-SEQUENCE III										
C5-SQUARE CUT DIESEL										
C6-SEQUENCE III										
C7-SQUARE CUT DIESEL										
C8-FIELD PISTON										
CAL-A-CAL. SEQ. III PISTON	-0.50	2.33	2.21	-1.22	-2.09	-0.39	0.10	0.98		
CAL-B-CAL. SEQ. III PISTON										
CAL-C-CAL. SEQ. III PISTON										
CAL-D-CAL. SEQ. III PISTON	-0.23	-0.60	2.07	-0.41	-0.81	0.94	0.13	0.73		
CAL-M-CAL. DV4 PISTON	-0.79	0.39	0.34	1.50	-1.70					
CAL-T-CAL. FIELD PISTON	-0.66	0.23	1.80	-0.14	-0.08		0.95	1.19		
X1-DV4 PISTON	-0.25	0.26	-0.35	0.22	-0.67					
Y1-DV4 PISTON										
Z1-DV4 PISTON	-1.19	-1.92	0.53	0.57	2.67					
MAXIMUM	1.94	-2.72	-2.55	1.50	2.67	1.01	-2.45	-2.59	-1.94	-1.47
MINIMUM	-0.23	-0.02	0.34	-0.07	-0.08	-0.04	0.10	0.56	-1.82	-1.41
RANGE(MAX-MIN)	2.170	-2.700	-2.890	1.570	2.750	1.050	-2.550	-3.150	-0.120	-0.060
MEAN	-0.022	-0.182	0.310	-0.224	-0.300	0.001	-0.198	-0.550	-1.880	-1.440
STANDARD DEVIATION	1.163	1.208	1.414	0.778	1.396	0.695	1.014	1.684	0.085	0.042

# LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Rater= Terrado, Ken

YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	G1TOT	G2TOT	G3TOT	I2TOT	I3TOT	UCIOT	THIOT	ATTOT	G4TOT	I4TOT
A1-SEQUENCE III										
A2-SEQUENCE III										
A3-SEQUENCE III										
A4-SEQUENCE III										
A5-SQUARE CUT DIESEL										
A6-SEQUENCE III										
A7-SQUARE CUT DIESEL										
A8-FIELD PISTON										
B1-SEQUENCE III										
B2-SEQUENCE III										
B3-SEQUENCE III										
B4-SEQUENCE III										
B5-SQUARE CUT DIESEL										
B6-SEQUENCE III										
B7-SQUARE CUT DIESEL										
B8-FIELD PISTON										
C1-SEQUENCE III	-0.37	-1.18	-2.10	-0.73	-0.12	-1.02	-2.56	-0.12		
C2-SEQUENCE III	-2.33	-0.32	-2.03	-0.21	-0.49	-1.84	0.83	-0.56		
C3-SEQUENCE III	-1.66	-1.52	-1.49	-1.09	0.27	0.07	0.45	-0.52		
C4-SEQUENCE III	-0.33	0.05	-1.97	-0.09	-0.52	-1.35	-0.86	-1.35		
C5-SQUARE CUT DIESEL	-1.28	0.62	-0.45	-1.53	1.00				-0.43	-0.09
C6-SEQUENCE III	0.38	-1.12	-0.08	-0.13	-0.46	-1.82	-1.54	-0.89		
C7-SQUARE CUT DIESEL	-1.41	0.55	-1.79	-1.99	1.29				-1.51	1.19
C8-FIELD PISTON										
CAL-A-CAL. SEQ. III PISTON										
CAL-B-CAL. SEQ. III PISTON	-0.22	-0.50	-0.46	-0.25	-0.84	-0.87	0.34	-0.22		
CAL-C-CAL. SEQ. III PISTON										
CAL-D-CAL. SEQ. III PISTON	-0.48	2.11	-1.34	1.16	-0.81	-0.12	-1.96	-0.84		
CAL-M-CAL. DV4 PISTON										
CAL-T-CAL. FIELD PISTON										
X1-DV4 PISTON										
Y1-DV4 PISTON										
Z1-DV4 PISTON										
MAXIMUM	-2.33	2.11	-2.10	-1.99	1.29	-1.84	-2.56	-1.35	-1.51	1.19
MINIMUM	-0.22	0.05	-0.08	-0.09	-0.12	0.07	0.34	-0.12	-0.43	-0.09
RANGE(MAX-MIN)	-2.110	2.060	-2.020	-1.900	1.410	-1.910	-2.900	-1.230	-1.080	1.280
MEAN	-0.856	-0.146	-1.301	-0.540	-0.076	-0.993	-0.757	-0.643	-0.970	0.550
STANDARD DEVIATION	0.858	1.132	0.776	0.927	0.773	0.757	1.323	0.423	0.764	0.905



# LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Rater= Trevino, Bobby

YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	G1TOT	G2TOT	G3TOT	I2TOT	I3TOT	UCIOT	THIOT	ATTOT	G4TOT	I4TOT
A1-SEQUENCE III	0.30	0.36	0.25	-0.71	0.46	1.14	0.39	0.59		
A2-SEQUENCE III										
A3-SEQUENCE III										
A4-SEQUENCE III										
A5-SQUARE CUT DIESEL										
A6-SEQUENCE III										
A7-SQUARE CUT DIESEL										
A8-FIELD PISTON										
B1-SEQUENCE III	0.98	0.58	0.09	-0.71	0.18	-1.27	0.03	0.21		
B2-SEQUENCE III	0.84	-0.36	0.72	-1.05	1.04	-0.10	1.17	0.04		
B3-SEQUENCE III	0.61	0.83	0.37	0.42	0.08	0.34	0.77	1.26		
B4-SEQUENCE III	0.87	0.81	0.29	0.49	-0.60	-0.10	0.75	1.33		
B5-SQUARE CUT DIESEL										
B6-SEQUENCE III	0.23	-0.26	-0.61	-0.76	-0.54	0.15	0.43	0.53		
B7-SQUARE CUT DIESEL										
B8-FIELD PISTON										
C1-SEQUENCE III										
C2-SEQUENCE III										
C3-SEQUENCE III										
C4-SEQUENCE III										
C5-SQUARE CUT DIESEL										
C6-SEQUENCE III										
C7-SQUARE CUT DIESEL										
C8-FIELD PISTON										
CAL-A-CAL. SEQ. III PISTON										
CAL-B-CAL. SEQ. III PISTON										
CAL-C-CAL. SEQ. III PISTON	0.68	0.19	0.29	0.25	0.67	0.18	0.03	-2.13		
CAL-D-CAL. SEQ. III PISTON	-0.10	0.24	0.30	-0.67	-0.42	0.43	0.32	0.06		
CAL-M-CAL. DV4 PISTON										
CAL-T-CAL. FIELD PISTON										
X1-DV4 PISTON										
Y1-DV4 PISTON										
Z1-DV4 PISTON										
MAXIMUM	0.98	0.83	0.72	-1.05	1.04	-1.27	1.17	-2.13		
MINIMUM	-0.10	0.19	0.09	0.25	0.08	-0.10	0.03	0.04		
RANGE(MAX-MIN)	1.080	0.640	0.630	-1.300	0.960	-1.170	1.140	-2.170		
MEAN	0.551	0.299	0.213	-0.343	0.109	0.096	0.486	0.236		
STANDARD DEVIATION	0.374	0.445	0.377	0.618	0.599	0.678	0.392	1.077		

## LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Rater= Veiga, Victor

YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCIOT	THIOT	ATTOT	G4TOT	L4TOT
A1-SEQUENCE III	-0.31	0.06	0.78	0.30	0.08	1.25	0.45	0.40		
A2-SEQUENCE III	-1.12	0.49	0.56	-0.36	0.81	1.53	0.47	0.34		
A3-SEQUENCE III	-0.52	0.37	0.10	-0.25	-1.53	-2.22	0.48	0.23		
A4-SEQUENCE III	0.38	0.32	0.45	0.00	1.34	-0.37	0.50	0.04		
A5-SQUARE CUT DIESEL	0.40	1.06	0.33	1.34	-0.04				-0.59	1.13
A6-SEQUENCE III	-0.62	-0.45	0.46	-0.18	1.24	1.73	-0.05	-0.67		
A7-SQUARE CUT DIESEL	0.00	1.37	0.19	-0.02	0.30				0.27	0.00
A8-FIELD PISTON	0.22	-0.38	-0.11	-0.76	-0.25		0.08	-0.30		
B1-SEQUENCE III										
B2-SEQUENCE III										
B3-SEQUENCE III	-0.52	-0.14	-0.82	-0.46	-0.81	-1.30	0.63	0.48		
B4-SEQUENCE III										
B5-SQUARE CUT DIESEL										
B6-SEQUENCE III	-1.11	-0.50	0.59	0.32	0.29	-0.16	1.71	0.02		
B7-SQUARE CUT DIESEL										
B8-FIELD PISTON										
C1-SEQUENCE III	-1.27	0.08	0.83	0.72	-0.12	0.58	1.19	-0.12		
C2-SEQUENCE III										
C3-SEQUENCE III										
C4-SEQUENCE III										
C5-SQUARE CUT DIESEL										
C6-SEQUENCE III										
C7-SQUARE CUT DIESEL										
C8-FIELD PISTON										
CAL-A-CAL. SEQ. III PISTON	0.01	-0.35	0.89	1.32	1.14	0.43	1.25	0.69		
CAL-B-CAL. SEQ. III PISTON	-0.16	-0.38	-0.34	0.65	0.37	0.12	1.15	-0.22		
CAL-C-CAL. SEQ. III PISTON	-0.31	0.62	0.20	1.72	-0.34	0.07	0.28	-0.61		
CAL-D-CAL. SEQ. III PISTON										
CAL-M-CAL. DV4 PISTON	-0.71	0.81	0.02	-0.19	-1.06					
CAL-T-CAL. FIELD PISTON	-0.34	-0.41	-0.45	-0.40	-0.27		0.62	-0.45		
X1-DV4 PISTON										
Y1-DV4 PISTON	-0.28	-0.76	-1.26	0.32	-3.01					
Z1-DV4 PISTON	-0.19	0.00	-0.60	-0.02	-0.85					
MAXIMUM	-1.27	1.37	-1.26	1.72	-3.01	-2.22	1.71	0.69	-0.59	1.13
MINIMUM	0.00	0.00	0.02	0.00	-0.04	0.07	-0.05	0.02	0.27	0.00
RANGE(MAX-MIN)	-1.270	1.370	-1.280	1.720	-2.970	-2.290	1.760	0.670	-0.860	1.130
MEAN	-0.358	0.101	0.101	0.225	-0.151	0.151	0.674	-0.013	-0.160	0.565
STANDARD DEVIATION	0.486	0.593	0.600	0.687	1.067	1.182	0.508	0.429	0.608	0.799

# LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Rater= Viera, Ralph B.

YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	G1TOT	G2TOT	G3TOT	I2TOT	I3TOT	UCTOT	THTOT	ATTOT	G4TOT	I4TOT
A1-SEQUENCE III										
A2-SEQUENCE III										
A3-SEQUENCE III										
A4-SEQUENCE III										
A5-SQUARE CUT DIESEL										
A6-SEQUENCE III										
A7-SQUARE CUT DIESEL										
A8-FIELD PISTON										
B1-SEQUENCE III										
B2-SEQUENCE III										
B3-SEQUENCE III										
B4-SEQUENCE III										
B5-SQUARE CUT DIESEL										
B6-SEQUENCE III										
B7-SQUARE CUT DIESEL										
B8-FIELD PISTON										
C1-SEQUENCE III	1.95	-0.34	-0.94	0.11	0.58	-1.19	-0.68	1.49		
C2-SEQUENCE III	1.00	-0.56	0.11	0.52	0.69	-1.52	-0.12	-0.20		
C3-SEQUENCE III	-0.20	-0.32	0.93	0.78	1.07	1.46	-1.06	1.34		
C4-SEQUENCE III	-1.30	-1.95	0.78	-0.58	-0.48	-0.91	-1.51	1.13		
C5-SQUARE CUT DIESEL	1.31	-1.42	-0.63	0.58	0.00				1.07	0.80
C6-SEQUENCE III	-0.48	1.05	1.23	0.26	-0.07	-1.56	0.31	1.41		
C7-SQUARE CUT DIESEL										
C8-FIELD PISTON										
CAL-A-CAL. SEQ. III PISTON	-0.14	0.58	0.82	0.33	0.27	1.80	0.01	-0.62		
CAL-B-CAL. SEQ. III PISTON										
CAL-C-CAL. SEQ. III PISTON	-0.97	-3.05	1.79	-0.97	-1.64	3.13	-3.11	0.69		
CAL-D-CAL. SEQ. III PISTON										
CAL-M-CAL. DV4 PISTON	-0.75	0.46	0.09	0.18	0.25					
CAL-T-CAL. FIELD PISTON	0.10	0.23	0.27	0.01	0.03		-0.40	0.22		
X1-DV4 PISTON	0.19	-0.65	-2.41	-0.03	-1.42					
Y1-DV4 PISTON	0.01	-1.27	-1.06	0.59	-0.49					
Z1-DV4 PISTON										
MAXIMUM	1.95	-3.05	-2.41	-0.97	-1.64	3.13	-3.11	1.49	1.07	0.80
MINIMUM	0.01	0.23	0.09	0.01	0.00	-0.91	0.01	-0.20	1.07	0.80
RANGE(MAX-MIN)	1.940	-3.280	-2.500	-0.980	-1.640	4.040	-3.120	1.690	0.000	0.000
MEAN	0.060	-0.603	0.082	0.148	-0.101	0.173	-0.820	0.683	1.070	0.800
STANDARD DEVIATION	0.954	1.169	1.171	0.504	0.806	1.913	1.097	0.802	0.000	0.000

# LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Rater= Zalewski, John

YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	G1TOT	G2TOT	G3TOT	I2TOT	I3TOT	UCITOT	THTOT	ATTOT	G4TOT	I4TOT
A1-SEQUENCE III										
A2-SEQUENCE III										
A3-SEQUENCE III										
A4-SEQUENCE III										
A5-SQUARE CUT DIESEL										
A6-SEQUENCE III										
A7-SQUARE CUT DIESEL	0.14	0.50	0.19	0.22	0.30				0.27	0.00
A8-FIELD PISTON										
B1-SEQUENCE III	1.37	0.58	0.37	1.32	0.73	-0.26	0.16	-0.33		
B2-SEQUENCE III	0.39	1.60	1.18	1.15	-0.28	2.79	-1.35	0.51		
B3-SEQUENCE III	1.78	-0.14	-2.04	0.42	1.02	-0.52	-0.76	0.39		
B4-SEQUENCE III	-0.09	-2.61	-1.17	-0.13	1.83	2.17	0.22	-2.41		
B5-SQUARE CUT DIESEL	-0.50	-1.35	0.33	0.38	-0.02				-0.25	-0.23
B6-SEQUENCE III	1.06	-1.23	-0.70	1.48	1.30	2.80	-1.16	0.02		
B7-SQUARE CUT DIESEL	-0.25	-0.10	0.04	0.64	0.72				0.19	0.71
B8-FIELD PISTON	-1.14	2.43	0.96	1.02	0.97		0.07	0.39		
C1-SEQUENCE III										
C2-SEQUENCE III										
C3-SEQUENCE III										
C4-SEQUENCE III										
C5-SQUARE CUT DIESEL										
C6-SEQUENCE III										
C7-SQUARE CUT DIESEL										
C8-FIELD PISTON										
CAL-A-CAL. SEQ. III PISTON	-0.03	0.38	-0.45	1.08	1.98	2.02	-0.96	-0.53		
CAL-B-CAL. SEQ. III PISTON										
CAL-C-CAL. SEQ. III PISTON										
CAL-D-CAL. SEQ. III PISTON	0.02	-2.60	-0.70	0.34	1.84	0.09	0.06	0.28		
CAL-M-CAL. DV4 PISTON	0.19	-1.22	0.28	-0.63	1.63					
CAL-T-CAL. FIELD PISTON	-0.01	0.91	0.13	0.63	1.21		0.23	0.59		
X1-DV4 PISTON	0.19	0.22	0.56	-1.01	0.59					
Y1-DV4 PISTON										
Z1-DV4 PISTON	1.34	-1.14	0.10	-0.16	-1.13					
MAXIMUM	1.78	-2.61	-2.04	1.48	1.98	2.80	-1.35	-2.41	0.27	0.71
MINIMUM	-0.01	-0.10	0.04	-0.13	-0.02	0.09	0.06	0.02	0.19	0.00
RANGE(MAX-MIN)	1.790	-2.510	-2.080	1.610	2.000	2.710	-1.410	-2.430	0.080	0.710
MEAN	0.297	-0.251	-0.061	0.450	0.846	1.299	-0.388	-0.121	0.070	0.160
STANDARD DEVIATION	0.779	1.436	0.831	0.716	0.868	1.469	0.657	0.939	0.280	0.490

## LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Rater= Adams, Patrick

YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI	AVERAG
E1-4-CAL. SEQ. V PISTONS									
F1-4-CAL. SEQ. V PISTONS									
G1-4-CAL. SEQ. V PISTONS	0.52	-0.07	0.53	-0.85					
H1-4-CAL. SEQ. V PISTONS	0.40	0.44	0.34	0.17					
P1-8-SEQ. V PISTONS									
Q1-8-SEQ. V PISTONS	0.92	0.98	0.58	0.52	1.01	0.42	0.91	0.80	
R1-8-SEQ. V PISTONS	1.32	1.66	1.49	1.11	0.19	1.32	1.00	0.92	
S1-8-SEQ. V PISTONS									
VRCBVL-RC BFL VARN L									1.24
VRCBVR-RC BFL VARN R									1.09
VVCALL-CAL RC BFL VARN L									-1.37
VVCALR-CAL RC BFL VARN R									1.55
MAXIMUM	1.32	1.66	1.49	1.11	1.01	1.32	1.00	0.92	1.55
MINIMUM	0.40	-0.07	0.34	0.17	0.19	0.42	0.91	0.80	1.09
RANGE(MAX-MIN)	0.920	1.730	1.150	0.940	0.820	0.900	0.090	0.120	0.460
MEAN	0.790	0.753	0.735	0.238	0.600	0.870	0.955	0.860	0.628
STANDARD DEVIATION	0.417	0.742	0.514	0.822	0.580	0.636	0.064	0.085	1.345

## LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Rater= Aguirre, Nancy P

YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI	AVFRAG
E1-4-CAL. SEQ. V PISTONS	-0.99	-0.14	0.02	-0.84					
F1-4-CAL. SEQ. V PISTONS	1.07	0.53	1.00	0.69					
G1-4-CAL. SEQ. V PISTONS									
H1-4-CAL. SEQ. V PISTONS									
P1-8-SEQ. V PISTONS	-0.08	0.56	0.75	0.44	0.11	0.21	0.30	0.44	
Q1-8-SEQ. V PISTONS	0.34	0.58	0.88	0.83	-0.04	0.42	0.78	0.71	
R1-8-SEQ. V PISTONS									
S1-8-SEQ. V PISTONS									
VRCBVL-RC BFL VARN L									-1.23
VRCBVR-RC BFL VARN R									-0.54
VVCALL-CAL RC BFL VARN L									-0.07
VVCALR-CAL RC BFL VARN R									0.28
MAXIMUM	1.07	0.58	1.00	-0.84	0.11	0.42	0.78	0.71	-1.23
MINIMUM	-0.08	-0.14	0.02	0.44	-0.04	0.21	0.30	0.44	-0.07
RANGE(MAX-MIN)	1.150	0.720	0.980	-1.280	0.150	0.210	0.480	0.270	-1.160
MEAN	0.085	0.383	0.663	0.280	0.035	0.315	0.540	0.575	-0.390
STANDARD DEVIATION	0.860	0.349	0.440	0.764	0.106	0.148	0.339	0.191	0.653

# LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Rater= Arrizon, Richard

YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI	AVERAG
E1-4-CAL. SEQ. V PISTONS									
F1-4-CAL. SEQ. V PISTONS									
G1-4-CAL. SEQ. V PISTONS									
H1-4-CAL. SEQ. V PISTONS									
P1-8-SEQ. V PISTONS									
Q1-8-SEQ. V PISTONS									
R1-8-SEQ. V PISTONS									
S1-8-SEQ. V PISTONS									
VRCBVL-RC BFL VARN L									
VRCBVR-RC BFL VARN R									
VVCALL-CAL RC BFL VARN L									
VVCALR-CAL RC BFL VARN R									
MAXIMUM									
MINIMUM									
RANGE(MAX-MIN)									
MEAN									
STANDARD DEVIATION									

# LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Rater= Barrera, Tony

YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI	AVERAG
E1-4-CAL. SEQ. V PISTONS	0.72	0.77	0.40	0.79					
F1-4-CAL. SEQ. V PISTONS									
G1-4-CAL. SEQ. V PISTONS									
H1-4-CAL. SEQ. V PISTONS	-0.20	0.35	-0.02	-0.10					
P1-8-SEQ. V PISTONS	-0.18	-0.15	0.04	-0.05	-0.15	-0.11	0.04	0.23	
Q1-8-SEQ. V PISTONS	-0.31	-0.07	0.17	0.19	-0.42	-0.21	-0.07	-0.23	
R1-8-SEQ. V PISTONS	-0.20	-0.19	-0.27	-0.20	-0.46	0.18	-0.05	-0.68	
S1-8-SEQ. V PISTONS									
VRCBVL-RC BFL VARN L									-0.24
VRCBVR-RC BFL VARN R									0.18
VVCALL-CAL RC BFL VARN L									0.43
VVCALR-CAL RC BFL VARN R									0.22
MAXIMUM	0.72	0.77	0.40	0.79	-0.46	-0.21	-0.07	-0.68	0.43
MINIMUM	-0.18	-0.07	-0.02	-0.05	-0.15	-0.11	0.04	0.23	0.18
RANGE(MAX-MIN)	0.900	0.840	0.420	0.840	-0.310	-0.100	-0.110	-0.910	0.250
MEAN	-0.034	0.142	0.064	0.126	-0.343	-0.047	-0.027	-0.227	0.148
STANDARD DEVIATION	0.425	0.412	0.247	0.398	0.169	0.203	0.059	0.455	0.281



# LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Rater= Cales, Jonathon

YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI	AVERAG
E1-4-CAL. SEQ. V PISTONS									
F1-4-CAL. SEQ. V PISTONS	1.58	0.46	-1.35	0.35					
G1-4-CAL. SEQ. V PISTONS	-0.16	-0.23	-0.06	0.01					
H1-4-CAL. SEQ. V PISTONS									
P1-8-SEQ. V PISTONS	0.53	0.43	0.49	0.38	0.28	0.52	0.50	0.51	
Q1-8-SEQ. V PISTONS	-0.62	0.08	0.37	-0.38	-1.12	-0.43	-0.07	-0.23	
R1-8-SEQ. V PISTONS									
S1-8-SEQ. V PISTONS									
VRCBVL-RC BFL VARN L									0.06
VRCBVR-RC BFL VARN R									0.45
VVCALL-CAL RC BFL VARN L									-1.23
VVCALR-CAL RC BFL VARN R									-1.10
MAXIMUM	1.58	0.46	-1.35	0.38	-1.12	0.52	0.50	0.51	-1.23
MINIMUM	-0.16	0.08	-0.06	0.01	0.28	-0.43	-0.07	-0.23	0.06
RANGE(MAX-MIN)	1.740	0.380	-1.290	0.370	-1.400	0.950	0.570	0.740	-1.290
MEAN	0.333	0.185	-0.138	0.090	-0.420	0.045	0.215	0.140	-0.455
STANDARD DEVIATION	0.957	0.326	0.842	0.355	0.990	0.672	0.403	0.523	0.837

## LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Rater= Campbell, Bryan

YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI	AVERAG
E1-4-CAL. SEQ. V PISTONS									
F1-4-CAL. SEQ. V PISTONS	-1.51	-1.93	-1.57	-2.74					
G1-4-CAL. SEQ. V PISTONS									
H1-4-CAL. SEQ. V PISTONS	-1.36	-2.18	-0.95	-1.98					
P1-8-SEQ. V PISTONS	-0.80	-0.04	-0.95	-0.53	-1.46	-0.94	-0.60	-0.70	
Q1-8-SEQ. V PISTONS									
R1-8-SEQ. V PISTONS									
S1-8-SEQ. V PISTONS	-2.17	-1.71	-1.55	-1.72	-1.65	-2.19	-1.37	-1.22	
VRCBVL-RC BFL VARN L									0.25
VRCBVR-RC BFL VARN R									
VVCALL-CAL RC BFL VARN L									-1.19
VVCALR-CAL RC BFL VARN R									-0.68
MAXIMUM	-2.17	-2.18	-1.57	-2.74	-1.65	-2.19	-1.37	-1.22	-1.19
MINIMUM	-0.80	-0.04	-0.95	-0.53	-1.46	-0.94	-0.60	-0.70	0.25
RANGE(MAX-MIN)	-1.370	-2.140	-0.620	-2.210	-0.190	-1.250	-0.770	-0.520	-1.440
MEAN	-1.460	-1.465	-1.255	-1.743	-1.555	-1.565	-0.985	-0.960	-0.540
STANDARD DEVIATION	0.563	0.969	0.352	0.917	0.134	0.884	0.544	0.368	0.730

# LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Rater= Caproni, David

YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI	AVERAG
E1-4-CAL. SEQ. V PISTONS									
F1-4-CAL. SEQ. V PISTONS									
G1-4-CAL. SEQ. V PISTONS	0.78	0.33	0.78	0.48					
H1-4-CAL. SEQ. V PISTONS	0.40	-0.08	0.14	0.26					
P1-8-SEQ. V PISTONS									
Q1-8-SEQ. V PISTONS	0.48	-0.12	0.32	1.00	0.10	0.45	0.03	-0.36	
R1-8-SEQ. V PISTONS	1.41	-0.28	0.13	0.34	0.88	0.21	0.67	0.36	
S1-8-SEQ. V PISTONS									
VRCBVL-RC BFL VARN L									0.25
VRCBVR-RC BFL VARN R									-0.27
VVCALL-CAL RC BFL VARN L									-0.83
VVCALR-CAL RC BFL VARN R									-0.99
MAXIMUM	1.41	0.33	0.78	1.00	0.88	0.45	0.67	-0.36	-0.99
MINIMUM	0.40	-0.08	0.13	0.26	0.10	0.21	0.03	-0.36	0.25
RANGE(MAX-MIN)	1.010	0.410	0.650	0.740	0.780	0.240	0.640	0.000	-1.240
MEAN	0.768	-0.038	0.343	0.520	0.490	0.330	0.350	0.000	-0.460
STANDARD DEVIATION	0.459	0.260	0.304	0.333	0.552	0.170	0.453	0.509	0.565

## LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Rater= Castillo, George

Yi Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI	AVERAG
E1-4-CAL. SEQ. V PISTONS	0.41	0.89	0.70	0.27					
F1-4-CAL. SEQ. V PISTONS	-0.04	-0.68	-0.62	-1.04					
G1-4-CAL. SEQ. V PISTONS									
H1-4-CAL. SEQ. V PISTONS									
P1-8-SEQ. V PISTONS									
Q1-8-SEQ. V PISTONS	0.17	0.00	-0.60	-0.36	1.01	-0.07	0.34	-0.08	
R1-8-SEQ. V PISTONS									
S1-8-SEQ. V PISTONS	0.46	0.24	0.00	-0.34	0.56	0.16	-0.57	-0.10	
VRCBVL-RC BFL VARN L									0.65
VRCBVR-RC BFL VARN R									0.73
VVCALL-CAL RC BFL VARN L									0.34
VVCALR-CAL RC BFL VARN R									-0.36
MAXIMUM	0.46	0.89	0.70	-1.04	1.01	0.16	-0.57	-0.10	0.73
MINIMUM	-0.04	0.00	0.00	0.27	0.56	-0.07	0.34	-0.08	0.34
RANGE(MAX-MIN)	0.500	0.890	0.700	-1.310	0.450	0.230	-0.910	-0.020	0.390
MEAN	0.250	0.113	-0.130	-0.368	0.785	0.045	-0.115	-0.090	0.340
STANDARD DEVIATION	0.231	0.648	0.624	0.535	0.318	0.163	0.643	0.014	0.496

# LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Rater= Cumberworth, Lee

Yi Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI	AVERAG
E1-4-CAL. SEQ. V PISTONS	-0.09	0.15	0.00	0.06					
F1-4-CAL. SEQ. V PISTONS									
G1-4-CAL. SEQ. V PISTONS	0.69	1.41	-0.06	0.66					
H1-4-CAL. SEQ. V PISTONS									
P1-8-SEQ. V PISTONS									
Q1-8-SEQ. V PISTONS									
R1-8-SEQ. V PISTONS	-0.42	0.36	0.07	0.66	0.72	0.39	0.58	0.71	
S1-8-SEQ. V PISTONS	-0.25	-0.28	-0.84	-0.27	-0.42	-1.22	-0.17	-0.13	
VRCBVL-RC BFL VARN L									1.04
VRCBVR-RC BFL VARN R									0.82
VVCALL-CAL RC BFL VARN L									-0.20
VVCALR-CAL RC BFL VARN R									-0.25
MAXIMUM	0.69	1.41	-0.84	0.66	0.72	-1.22	0.58	0.71	1.04
MINIMUM	-0.09	0.15	0.00	0.06	-0.42	0.39	-0.17	-0.13	-0.20
RANGE(MAX-MIN)	0.780	1.260	-0.840	0.600	1.140	-1.610	0.750	0.840	1.240
MEAN	-0.018	0.410	-0.208	0.278	0.150	-0.415	0.205	0.290	0.353
STANDARD DEVIATION	0.491	0.718	0.425	0.462	0.806	1.138	0.530	0.594	0.673

# LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Rater= DeCapite, Vanessa

Yi Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI	AVFRAG
E1-4-CAL. SEQ. V PISTONS									
F1-4-CAL. SEQ. V PISTONS									
G1-4-CAL. SEQ. V PISTONS	-1.14	-1.56	-1.05	-1.36					
H1-4-CAL. SEQ. V PISTONS	0.33	0.01	-0.43	-0.43					
P1-8-SEQ. V PISTONS	-0.15	-0.41	-0.41	-0.29	0.21	0.21	-0.16	-0.11	
Q1-8-SEQ. V PISTONS	-0.18	0.10	-1.08	-1.07	0.31	-0.10	-0.54	-0.70	
R1-8-SEQ. V PISTONS									
S1-8-SEQ. V PISTONS									
VRCBVL-RC BFL VARN L									-1.62
VRCBVR-RC BFL VARN R									-1.98
VVCALL-CAL RC BFL VARN L									-0.29
VVCALR-CAL RC BFL VARN R									-0.09
MAXIMUM	-1.14	-1.56	-1.08	-1.36	0.31	0.21	-0.54	-0.70	-1.98
MINIMUM	-0.15	0.01	-0.41	-0.29	0.21	-0.10	-0.16	-0.11	-0.09
RANGE(MAX-MIN)	-0.990	-1.570	-0.670	-1.070	0.100	0.310	-0.380	-0.590	-1.890
MEAN	-0.285	-0.465	-0.743	-0.788	0.260	0.055	-0.350	-0.405	-0.995
STANDARD DEVIATION	0.616	0.763	0.373	0.511	0.071	0.219	0.269	0.417	0.945

# LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Rater= Foecking, Brian

YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI	AVERAG
E1-4-CAL. SEQ. V PISTONS									
F1-4-CAL. SEQ. V PISTONS	0.29	-0.28	0.57	0.14					
G1-4-CAL. SEQ. V PISTONS	-1.14	-0.97	-0.52	-0.59					
H1-4-CAL. SEQ. V PISTONS									
P1-8-SEQ. V PISTONS	0.74	1.05	0.13	0.52	0.33	0.21	0.30	0.17	
Q1-8-SEQ. V PISTONS									
R1-8-SEQ. V PISTONS	-0.47	-0.57	-0.21	-0.36	0.15	-0.07	-0.08	-0.55	
S1-8-SEQ. V PISTONS									
VRCBVL-RC BFL VARN L									-1.03
VRCBVR-RC BFL VARN R									-1.44
VVCALL-CAL RC BFL VARN L									-0.47
VVCALR-CAL RC BFL VARN R									-0.78
MAXIMUM	-1.14	1.05	0.57	-0.59	0.33	0.21	0.30	-0.55	-1.44
MINIMUM	0.29	-0.28	0.13	0.14	0.15	-0.07	-0.08	0.17	-0.47
RANGE(MAX-MIN)	-1.430	1.330	0.440	-0.730	0.180	0.280	0.380	-0.720	-0.970
MEAN	-0.145	-0.193	-0.008	-0.073	0.240	0.070	0.110	-0.190	-0.930
STANDARD DEVIATION	0.830	0.875	0.468	0.499	0.127	0.198	0.269	0.509	0.410

# LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Rater= Fujita, Hirokazu

YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI	AVERAG
E1-4-CAL. SEQ. V PISTONS									
F1-4-CAL. SEQ. V PISTONS									
G1-4-CAL. SEQ. V PISTONS									
H1-4-CAL. SEQ. V PISTONS									
P1-8-SEQ. V PISTONS									
Q1-8-SEQ. V PISTONS									
R1-8-SEQ. V PISTONS									
S1-8-SEQ. V PISTONS									
VRCBVL-RC BFL VARN L									
VRCBVR-RC BFL VARN R									
VVCALL-CAL RC BFL VARN L									
VVCALR-CAL RC BFL VARN R									
MAXIMUM									
MINIMUM									
RANGE(MAX-MIN)									
MEAN									
STANDARD DEVIATION									



# LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Rater= Greenland, Paul

YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI	AVERAG
E1-4-CAL. SEQ. V PISTONS									
F1-4-CAL. SEQ. V PISTONS									
G1-4-CAL. SEQ. V PISTONS	0.10	0.45	0.22	0.10					
H1-4-CAL. SEQ. V PISTONS									
P1-8-SEQ. V PISTONS									
Q1-8-SEQ. V PISTONS	-0.04	-0.02	0.14	-0.12	0.16	0.45	0.24	-0.29	
R1-8-SEQ. V PISTONS									
S1-8-SEQ. V PISTONS	0.86	0.81	0.40	0.10	0.94	0.75	-0.29	-0.68	
VRCBVL-RC BFL VARN L									0.25
VRCBVR-RC BFL VARN R									-0.27
VVCALL-CAL RC BFL VARN L									0.97
VVCALR-CAL RC BFL VARN R									1.23
MAXIMUM	0.86	0.81	0.40	-0.12	0.94	0.75	-0.29	-0.68	1.23
MINIMUM	-0.04	-0.02	0.14	0.10	0.16	0.45	0.24	-0.29	0.25
RANGE(MAX-MIN)	0.900	0.830	0.260	-0.220	0.780	0.300	-0.530	-0.390	0.980
MEAN	0.307	0.413	0.253	0.027	0.550	0.600	-0.025	-0.485	0.545
STANDARD DEVIATION	0.484	0.416	0.133	0.127	0.552	0.212	0.375	0.276	0.683

# LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Rater= Grundza, Richard

YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI	AVERAG
E1-4-CAL. SEQ. V PISTONS									
F1-4-CAL. SEQ. V PISTONS									
G1-4-CAL. SEQ. V PISTONS									
H1-4-CAL. SEQ. V PISTONS	0.40	-0.21	0.30	0.52					
P1-8-SEQ. V PISTONS									
Q1-8-SEQ. V PISTONS	0.75	-0.02	0.42	0.32	0.10	0.06	0.24	0.02	
R1-8-SEQ. V PISTONS									
S1-8-SEQ. V PISTONS									
VRCBVL-RC BFL VARN L									
VRCBVR-RC BFL VARN R									
VVCALL-CAL RC BFL VARN L									
VVCALR-CAL RC BFL VARN R									
MAXIMUM	0.75	-0.21	0.42	0.52	0.10	0.06	0.24	0.02	
MINIMUM	0.40	-0.02	0.30	0.32	0.10	0.06	0.24	0.02	
RANGE(MAX-MIN)	0.350	-0.190	0.120	0.200	0.000	0.000	0.000	0.000	
MEAN	0.575	-0.115	0.360	0.420	0.100	0.060	0.240	0.020	
STANDARD DEVIATION	0.247	0.134	0.085	0.141	0.000	0.000	0.000	0.000	

# LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Rater= Hills, Barry

YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI	AVERAG
E1-4-CAL. SEQ. V PISTONS	-0.01	0.53	0.50	0.47					
F1-4-CAL. SEQ. V PISTONS	0.33	0.90	1.12	0.64					
G1-4-CAL. SEQ. V PISTONS									
H1-4-CAL. SEQ. V PISTONS									
P1-8-SEQ. V PISTONS	-0.76	-0.12	0.46	0.70	-0.36	0.19	0.46	0.65	
Q1-8-SEQ. V PISTONS	-0.52	-0.04	0.45	0.08	-0.54	0.17	0.32	0.08	
R1-8-SEQ. V PISTONS									
S1-8-SEQ. V PISTONS									
VRCBVL-RC BFL VARN L									-0.73
VRCBVR-RC BFL VARN R									-0.54
VVCALL-CAL RC BFL VARN L									1.19
VVCALR-CAL RC BFL VARN R									0.86
MAXIMUM	-0.76	0.90	1.12	0.70	-0.54	0.19	0.46	0.65	1.19
MINIMUM	-0.01	-0.04	0.45	0.08	-0.36	0.17	0.32	0.08	-0.54
RANGE(MAX-MIN)	-0.750	0.940	0.670	0.620	-0.180	0.020	0.140	0.570	1.730
MEAN	-0.240	0.318	0.633	0.473	-0.450	0.180	0.390	0.365	0.195
STANDARD DEVIATION	0.492	0.484	0.326	0.279	0.127	0.014	0.099	0.403	0.971

# LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Rater= Hurst, Kevin R.

YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI	AVERAG
E1-4-CAL. SEQ. V PISTONS	0.33	0.57	0.38	0.06					
F1-4-CAL. SEQ. V PISTONS									
G1-4-CAL. SEQ. V PISTONS	0.27	0.95	0.60	1.14					
H1-4-CAL. SEQ. V PISTONS									
P1-8-SEQ. V PISTONS									
Q1-8-SEQ. V PISTONS									
R1-8-SEQ. V PISTONS	1.23	1.07	1.15	1.34	1.05	1.07	1.39	1.23	
S1-8-SEQ. V PISTONS	0.17	0.72	0.62	0.70	0.31	0.08	1.60	0.68	
VRCBVL-RC BFL VARN L									0.85
VRCBVR-RC BFL VARN R									0.18
VVCALL-CAL RC BFL VARN L									0.70
VVCALR-CAL RC BFL VARN R									0.01
MAXIMUM	1.23	1.07	1.15	1.34	1.05	1.07	1.60	1.23	0.85
MINIMUM	0.17	0.57	0.38	0.06	0.31	0.08	1.39	0.68	0.01
RANGE(MAX-MIN)	1.060	0.500	0.770	1.280	0.740	0.990	0.210	0.550	0.840
MEAN	0.500	0.828	0.688	0.810	0.680	0.575	1.495	0.955	0.435
STANDARD DEVIATION	0.491	0.225	0.327	0.567	0.523	0.700	0.148	0.389	0.403

# LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Rater= King, Jennifer

YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI	AVERAG
E1-4-CAL. SEQ. V PISTONS	0.80	0.75	0.72	1.21					
F1-4-CAL. SEQ. V PISTONS									
G1-4-CAL. SEQ. V PISTONS									
H1-4-CAL. SEQ. V PISTONS	0.89	0.84	0.84	0.94					
P1-8-SEQ. V PISTONS									
Q1-8-SEQ. V PISTONS	1.27	1.39	1.29	0.85	0.74	1.21	1.35	1.61	
R1-8-SEQ. V PISTONS									
S1-8-SEQ. V PISTONS	0.66	0.81	0.59	-0.16	0.59	1.04	1.03	-0.34	
VRCBVL-RC BFL VARN L									0.85
VRCBVR-RC BFL VARN R									1.09
VVCALL-CAL RC BFL VARN L									2.18
VVCALR-CAL RC BFL VARN R									2.02
MAXIMUM	1.27	1.39	1.29	1.21	0.74	1.21	1.35	1.61	2.18
MINIMUM	0.66	0.75	0.59	-0.16	0.59	1.04	1.03	-0.34	0.85
RANGE(MAX-MIN)	0.610	0.640	0.700	1.370	0.150	0.170	0.320	1.950	1.330
MEAN	0.905	0.948	0.860	0.710	0.665	1.125	1.190	0.635	1.535
STANDARD DEVIATION	0.261	0.297	0.304	0.600	0.106	0.120	0.226	1.379	0.663

# LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Rater= Kobrinetz, Joaquin J.

YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI	AVERAG
E1-4-CAL. SEQ. V PISTONS	-0.14	-0.20	-0.63	-0.24					
F1-4-CAL. SEQ. V PISTONS									
G1-4-CAL. SEQ. V PISTONS	0.27	0.27	-0.47	-0.62					
H1-4-CAL. SEQ. V PISTONS									
P1-8-SEQ. V PISTONS	0.23	0.16	0.15	0.03	0.01	-0.02	0.20	0.26	
Q1-8-SEQ. V PISTONS									
R1-8-SEQ. V PISTONS	0.38	1.16	1.15	0.34	0.35	0.45	0.67	0.67	
S1-8-SEQ. V PISTONS									
VRCBVL-RC BFL VARN L									-0.73
VRCBVR-RC BFL VARN R									
VVCALL-CAL RC BFL VARN L									-0.56
VVCALR-CAL RC BFL VARN R									-0.04
MAXIMUM	0.38	1.16	1.15	-0.62	0.35	0.45	0.67	0.67	-0.73
MINIMUM	-0.14	0.16	0.15	0.03	0.01	-0.02	0.20	0.26	-0.04
RANGE(MAX-MIN)	0.520	1.000	1.000	-0.650	0.340	0.470	0.470	0.410	-0.690
MEAN	0.185	0.348	0.050	-0.123	0.180	0.215	0.435	0.465	-0.443
STANDARD DEVIATION	0.226	0.578	0.807	0.408	0.240	0.332	0.332	0.290	0.359

# LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Rater= Kraemer, Vernon

YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI	AVERAG
E1-4-CAL. SEQ. V PISTONS	-0.66	-0.45	-0.83	-1.04					
F1-4-CAL. SEQ. V PISTONS	-1.18	-0.65	-0.90	-0.60					
G1-4-CAL. SEQ. V PISTONS									
H1-4-CAL. SEQ. V PISTONS									
P1-8-SEQ. V PISTONS	-1.55	-1.94	-1.08	-1.30	-0.30	-0.33	0.07	-0.62	
Q1-8-SEQ. V PISTONS									
R1-8-SEQ. V PISTONS									
S1-8-SEQ. V PISTONS	-0.97	-1.61	-1.33	-0.79	-1.68	0.16	-0.97	-1.16	
VRCBVL-RC BFL VARN L									0.25
VRCBVR-RC BFL VARN R									0.18
VVCALL-CAL RC BFL VARN L									1.77
VVCALR-CAL RC BFL VARN R									1.65
MAXIMUM	-1.55	-1.94	-1.33	-1.30	-1.68	-0.33	-0.97	-1.16	1.77
MINIMUM	-0.66	-0.45	-0.83	-0.60	-0.30	0.16	0.07	-0.62	0.18
RANGE(MAX-MIN)	-0.890	-1.490	-0.500	-0.700	-1.380	-0.490	-1.040	-0.540	1.590
MEAN	-1.090	-1.163	-1.035	-0.933	-0.990	-0.085	-0.450	-0.890	0.963
STANDARD DEVIATION	0.374	0.725	0.223	0.304	0.976	0.346	0.735	0.382	0.865

## LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Rater= Lam, Eddie

YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI	AVERAG
E1-4-CAL. SEQ. V PISTONS									
F1-4-CAL. SEQ. V PISTONS									
G1-4-CAL. SEQ. V PISTONS									
H1-4-CAL. SEQ. V PISTONS									
P1-8-SEQ. V PISTONS									
Q1-8-SEQ. V PISTONS	-1.55	-1.67	-0.90	-0.47	-1.35	-1.49	-1.62	0.30	
R1-8-SEQ. V PISTONS	-2.03	-1.96	-1.95	-1.32	-2.95	-1.68	-1.88	-1.63	
S1-8-SEQ. V PISTONS									
VRCBVL-RC BFL VARN L									
VRCBVR-RC BFL VARN R									
VVCALL-CAL RC BFL VARN L									-1.28
VVCALR-CAL RC BFL VARN R									
MAXIMUM	-2.03	-1.96	-1.95	-1.32	-2.95	-1.68	-1.88	-1.63	-1.28
MINIMUM	-1.55	-1.67	-0.90	-0.47	-1.35	-1.49	-1.62	0.30	-1.28
RANGE(MAX-MIN)	-0.480	-0.290	-1.050	-0.850	-1.600	-0.190	-0.260	-1.930	0.000
MEAN	-1.790	-1.815	-1.425	-0.895	-2.150	-1.585	-1.750	-0.665	-1.280
STANDARD DEVIATION	0.339	0.205	0.742	0.601	1.131	0.134	0.184	1.365	0.000



# LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Rater= Lonsway, Chris

YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI	AVERAG
E1-4-CAL. SEQ. V PISTONS									
F1-4-CAL. SEQ. V PISTONS									
G1-4-CAL. SEQ. V PISTONS	-0.63	-0.14	-1.03	-0.65					
H1-4-CAL. SEQ. V PISTONS	-0.20	-0.05	-0.25	-0.70					
P1-8-SEQ. V PISTONS	-0.22	-0.64	-0.48	-0.49	0.43	-0.29	-0.38	-0.34	
Q1-8-SEQ. V PISTONS	0.72	-0.04	-0.34	-0.47	0.31	-0.21	-0.51	-0.89	
R1-8-SEQ. V PISTONS	-1.05	-1.08	-1.11	-1.20	0.35	-1.31	-1.10	-1.11	
S1-8-SEQ. V PISTONS									
VRCBVL-RC BFL VARN L									-0.73
VRCBVR-RC BFL VARN R									1.00
VVCALL-CAL RC BFL VARN L									-1.14
VVCALR-CAL RC BFL VARN R									0.12
MAXIMUM	-1.05	-1.08	-1.11	-1.20	0.43	-1.31	-1.10	-1.11	-1.14
MINIMUM	-0.20	-0.04	-0.25	-0.47	0.31	-0.21	-0.38	-0.34	0.12
RANGE(MAX-MIN)	-0.850	-1.040	-0.860	-0.730	0.120	-1.100	-0.720	-0.770	-1.260
MEAN	-0.276	-0.390	-0.642	-0.702	0.363	-0.603	-0.663	-0.780	-0.188
STANDARD DEVIATION	0.657	0.458	0.400	0.296	0.061	0.613	0.384	0.397	0.950

# LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Rater= Lopez, Frank

YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI	AVERAG
E1-4-CAL. SEQ. V PISTONS	0.82	0.29	0.38	0.22					
F1-4-CAL. SEQ. V PISTONS	0.37	0.23	-0.38	-0.08					
G1-4-CAL. SEQ. V PISTONS									
H1-4-CAL. SEQ. V PISTONS									
P1-8-SEQ. V PISTONS	0.19	0.22	-0.21	0.03	0.82	0.19	-0.02	-0.24	
Q1-8-SEQ. V PISTONS									
R1-8-SEQ. V PISTONS	0.47	0.78	0.56	0.47	0.31	0.48	0.16	1.14	
S1-8-SEQ. V PISTONS									
VRCBVL-RC BFL VARN L									0.75
VRCBVR-RC BFL VARN R									0.64
VVCALL-CAL RC BFL VARN L									0.43
VVCALR-CAL RC BFL VARN R									0.33
MAXIMUM	0.82	0.78	0.56	0.47	0.82	0.48	0.16	1.14	0.75
MINIMUM	0.19	0.22	-0.21	0.03	0.31	0.19	-0.02	-0.24	0.33
RANGE(MAX-MIN)	0.630	0.560	0.770	0.440	0.510	0.290	0.180	1.380	0.420
MEAN	0.463	0.380	0.088	0.160	0.565	0.335	0.070	0.450	0.538
STANDARD DEVIATION	0.265	0.268	0.453	0.241	0.361	0.205	0.127	0.976	0.192

# LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Rater= Lowsky, John

YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI	AVERAG
E1-4-CAL. SEQ. V PISTONS									
F1-4-CAL. SEQ. V PISTONS	-0.81	0.12	1.27	1.05					
G1-4-CAL. SEQ. V PISTONS	1.29	1.54	2.03	1.85					
H1-4-CAL. SEQ. V PISTONS									
P1-8-SEQ. V PISTONS	1.63	1.47	0.53	1.00	0.63	0.88	0.53	0.67	
Q1-8-SEQ. V PISTONS									
R1-8-SEQ. V PISTONS									
S1-8-SEQ. V PISTONS	1.44	1.66	1.24	2.00	1.48	1.13	1.26	2.29	
VRCBVL-RC BFL VARN L									-2.51
VRCBVR-RC BFL VARN R									-2.16
VVCALL-CAL RC BFL VARN L									0.02
VVCALR-CAL RC BFL VARN R									-0.73
MAXIMUM	1.63	1.66	2.03	2.00	1.48	1.13	1.26	2.29	-2.51
MINIMUM	-0.81	0.12	0.53	1.00	0.63	0.88	0.53	0.67	0.02
RANGE(MAX-MIN)	2.440	1.540	1.500	1.000	0.850	0.250	0.730	1.620	-2.530
MEAN	0.888	1.198	1.268	1.475	1.055	1.005	0.895	1.480	-1.345
STANDARD DEVIATION	1.140	0.723	0.613	0.524	0.601	0.177	0.516	1.146	1.192

# LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Rater= May, Marianne

YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI	AVERAG
E1-4-CAL. SEQ. V PISTONS									
F1-4-CAL. SEQ. V PISTONS									
G1-4-CAL. SEQ. V PISTONS	0.86	0.79	0.45	0.60					
H1-4-CAL. SEQ. V PISTONS	0.26	0.69	0.21	-0.01					
P1-8-SEQ. V PISTONS	0.60	0.89	0.46	-0.05	0.29	0.21	0.07	0.08	
Q1-8-SEQ. V PISTONS	-0.04	0.22	-0.14	0.03	0.42	0.47	-0.02	-0.42	
R1-8-SEQ. V PISTONS									
S1-8-SEQ. V PISTONS	0.43	0.54	0.46	-0.34	0.28	0.20	0.17	0.72	
VRCBVL-RC BFL VARN L									0.75
VRCBVR-RC BFL VARN R									0.27
VVCALL-CAL RC BFL VARN L									0.88
VVCALR-CAL RC BFL VARN R									0.28
MAXIMUM	0.86	0.89	0.46	0.60	0.42	0.47	0.17	0.72	0.88
MINIMUM	-0.04	0.22	-0.14	-0.01	0.28	0.20	-0.02	0.08	0.27
RANGE(MAX-MIN)	0.900	0.670	0.600	0.610	0.140	0.270	0.190	0.640	0.610
MEAN	0.422	0.626	0.288	0.046	0.330	0.293	0.073	0.127	0.545
STANDARD DEVIATION	0.340	0.261	0.262	0.342	0.078	0.153	0.095	0.571	0.316

# LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Rater= Pitta, Jimmy

YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI	AVERAG
E1-4-CAL. SEQ. V PISTONS									
F1-4-CAL. SEQ. V PISTONS									
G1-4-CAL. SEQ. V PISTONS									
H1-4-CAL. SEQ. V PISTONS									
P1-8-SEQ. V PISTONS									
Q1-8-SEQ. V PISTONS									
R1-8-SEQ. V PISTONS									
S1-8-SEQ. V PISTONS									
VRCBVL-RC BFL VARN L									
VRCBVR-RC BFL VARN R									
VVCALL-CAL RC BFL VARN L									
VVCALR-CAL RC BFL VARN R									
MAXIMUM									
MINIMUM									
RANGE(MAX-MIN)									
MEAN									
STANDARD DEVIATION									

## LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Rater= Potocar, William P

YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI	AVFRAG
E1-4-CAL. SEQ. V PISTONS	-0.79	-0.56	-0.87	-1.02					
F1-4-CAL. SEQ. V PISTONS									
G1-4-CAL. SEQ. V PISTONS	-2.50	-1.71	-1.71	-1.36					
H1-4-CAL. SEQ. V PISTONS									
P1-8-SEQ. V PISTONS									
Q1-8-SEQ. V PISTONS									
R1-8-SEQ. V PISTONS	-0.47	-0.49	-0.18	-0.14	0.07	0.14	0.10	-0.37	
S1-8-SEQ. V PISTONS	-0.51	-0.31	-0.65	-0.27	-0.48	0.92	-0.80	-0.54	
VRCBVL-RC BFL VARN L									-0.54
VRCBVR-RC BFL VARN R									0.00
VVCALL-CAL RC BFL VARN L									-0.74
VVCALR-CAL RC BFL VARN R									-0.84
MAXIMUM	-2.50	-1.71	-1.71	-1.36	-0.48	0.92	-0.80	-0.54	-0.84
MINIMUM	-0.47	-0.31	-0.18	-0.14	0.07	0.14	0.10	-0.37	0.00
RANGE(MAX-MIN)	-2.030	-1.400	-1.530	-1.220	-0.550	0.780	-0.900	-0.170	-0.840
MEAN	-1.068	-0.768	-0.853	-0.698	-0.205	0.530	-0.350	-0.455	-0.530
STANDARD DEVIATION	0.966	0.637	0.640	0.588	0.389	0.552	0.636	0.120	0.375

# LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Rater= Ramirez, Ray

YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI	AVERAG
E1-4-CAL. SEQ. V PISTONS	-2.79	-3.12	-2.91	-2.47					
F1-4-CAL. SEQ. V PISTONS									
G1-4-CAL. SEQ. V PISTONS									
H1-4-CAL. SEQ. V PISTONS	-2.51	-1.68	-2.56	-1.54					
P1-8-SEQ. V PISTONS	-2.57	-2.49	-2.96	-3.12	-3.34	-3.47	-3.69	-3.26	
Q1-8-SEQ. V PISTONS	-2.88	-3.08	-2.97	-2.72	-2.67	-3.18	-2.96	-2.89	
R1-8-SEQ. V PISTONS									
S1-8-SEQ. V PISTONS									
VRCBVL-RC BFL VARN L									
VRCBVR-RC BFL VARN R									
VVCALL-CAL RC BFL VARN L									
VVCALR-CAL RC BFL VARN R									
MAXIMUM	-2.88	-3.12	-2.97	-3.12	-3.34	-3.47	-3.69	-3.26	
MINIMUM	-2.51	-1.68	-2.56	-1.54	-2.67	-3.18	-2.96	-2.89	
RANGE(MAX-MIN)	-0.370	-1.440	-0.410	-1.580	-0.670	-0.290	-0.730	-0.370	
MEAN	-2.688	-2.593	-2.850	-2.463	-3.005	-3.325	-3.325	-3.075	
STANDARD DEVIATION	0.176	0.673	0.195	0.671	0.474	0.205	0.516	0.262	

## LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Rater= Rodriguez, Jesus (Jesse)

YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI	AVERAG
E1-4-CAL. SEQ. V PISTONS	0.46	0.38	0.30	0.36					
F1-4-CAL. SEQ. V PISTONS									
G1-4-CAL. SEQ. V PISTONS	-0.12	-1.16	-1.03	-0.82					
H1-4-CAL. SEQ. V PISTONS									
P1-8-SEQ. V PISTONS									
Q1-8-SEQ. V PISTONS	-0.38	-0.28	-0.88	-1.13	0.60	0.23	-0.51	0.02	
R1-8-SEQ. V PISTONS	-0.60	-0.57	-1.20	-1.96	-0.50	-1.86	-1.73	-1.41	
S1-8-SEQ. V PISTONS									
VRCBVL-RC BFL VARN L									2.23
VRCBVR-RC BFL VARN R									1.99
VVCALL-CAL RC BFL VARN L									-0.38
VVCALR-CAL RC BFL VARN R									-1.10
MAXIMUM	-0.60	-1.16	-1.20	-1.96	0.60	-1.86	-1.73	-1.41	2.23
MINIMUM	-0.12	-0.28	0.30	0.36	-0.50	0.23	-0.51	0.02	-0.38
RANGE(MAX-MIN)	-0.480	-0.880	-1.500	-2.320	1.100	-2.090	-1.220	-1.430	2.610
MEAN	-0.160	-0.408	-0.703	-0.888	0.050	-0.815	-1.120	-0.695	0.685
STANDARD DEVIATION	0.458	0.640	0.681	0.961	0.778	1.478	0.863	1.011	1.674



# LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Rater= Sanchez, Arthur

YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI	AVFRAG
E1-4-CAL. SEQ. V PISTONS	1.00	0.73	0.68	0.84					
F1-4-CAL. SEQ. V PISTONS	1.22	1.03	0.69	0.51					
G1-4-CAL. SEQ. V PISTONS									
H1-4-CAL. SEQ. V PISTONS									
P1-8-SEQ. V PISTONS	0.64	0.58	0.49	0.42	0.33	0.34	0.24	0.53	
Q1-8-SEQ. V PISTONS	0.79	0.65	0.73	0.96	0.83	0.55	1.14	0.86	
R1-8-SEQ. V PISTONS									
S1-8-SEQ. V PISTONS									
VRCBVL-RC BFL VARN L									-0.24
VRCBVR-RC BFL VARN R									-0.90
VVCALL-CAL RC BFL VARN L									0.07
VVCALR-CAL RC BFL VARN R									-0.52
MAXIMUM	1.22	1.03	0.73	0.96	0.83	0.55	1.14	0.86	-0.90
MINIMUM	0.64	0.58	0.49	0.42	0.33	0.34	0.24	0.53	0.07
RANGE(MAX-MIN)	0.580	0.450	0.240	0.540	0.500	0.210	0.900	0.330	-0.970
MEAN	0.913	0.748	0.648	0.683	0.580	0.445	0.690	0.695	-0.398
STANDARD DEVIATION	0.253	0.198	0.107	0.259	0.354	0.148	0.636	0.233	0.413

# LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Rater= Terrado, Ken

YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI	AVERAG
E1-4-CAL. SEQ. V PISTONS									
F1-4-CAL. SEQ. V PISTONS									
G1-4-CAL. SEQ. V PISTONS									
H1-4-CAL. SEQ. V PISTONS									
P1-8-SEQ. V PISTONS									
Q1-8-SEQ. V PISTONS									
R1-8-SEQ. V PISTONS									
S1-8-SEQ. V PISTONS									
VRCBVL-RC BFL VARN L									-0.73
VRCBVR-RC BFL VARN R									
VVCALL-CAL RC BFL VARN L									
VVCALR-CAL RC BFL VARN R									
MAXIMUM									-0.73
MINIMUM									-0.73
RANGE(MAX-MIN)									0.000
MEAN									-0.730
STANDARD DEVIATION									0.000

# LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Rater= Trevino, Bobby

YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI	AVERAG
E1-4-CAL. SEQ. V PISTONS									
F1-4-CAL. SEQ. V PISTONS	-0.22	-0.31	0.05	0.02					
G1-4-CAL. SEQ. V PISTONS									
H1-4-CAL. SEQ. V PISTONS	-0.40	-0.39	-0.18	0.17					
P1-8-SEQ. V PISTONS									
Q1-8-SEQ. V PISTONS	-0.24	-0.04	0.17	0.01	-0.98	-0.29	0.01	-0.11	
R1-8-SEQ. V PISTONS									
S1-8-SEQ. V PISTONS	-0.87	-0.43	-0.59	-0.42	-0.70	-0.93	-0.91	-0.44	
VRCBVL-RC BFL VARN L									0.25
VRCBVR-RC BFL VARN R									0.00
VVCALL-CAL RC BFL VARN L									0.07
VVCALR-CAL RC BFL VARN R									0.17
MAXIMUM	-0.87	-0.43	-0.59	-0.42	-0.98	-0.93	-0.91	-0.44	0.25
MINIMUM	-0.22	-0.04	0.05	0.01	-0.70	-0.29	0.01	-0.11	0.00
RANGE(MAX-MIN)	-0.650	-0.390	-0.640	-0.430	-0.280	-0.640	-0.920	-0.330	0.250
MEAN	-0.433	-0.293	-0.138	-0.055	-0.840	-0.610	-0.450	-0.275	0.123
STANDARD DEVIATION	0.303	0.176	0.335	0.254	0.198	0.453	0.651	0.233	0.110

# LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Rater= Veiga, Victor

YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI	AVFRAG
E1-4-CAL. SEQ. V PISTONS	0.93	-0.58	1.19	1.32					
F1-4-CAL. SEQ. V PISTONS									
G1-4-CAL. SEQ. V PISTONS									
H1-4-CAL. SEQ. V PISTONS	1.29	1.43	1.29	1.48					
P1-8-SEQ. V PISTONS	1.52	1.05	1.81	1.51	1.07	1.38	1.13	1.71	
Q1-8-SEQ. V PISTONS	1.33	1.39	1.37	1.93	1.53	1.56	0.94	1.80	
R1-8-SEQ. V PISTONS									
S1-8-SEQ. V PISTONS									
VRCBVL-RC BFL VARN L									0.16
VRCBVR-RC BFL VARN R									-0.72
VVCALL-CAL RC BFL VARN L									-0.38
VVCALR-CAL RC BFL VARN R									-1.31
MAXIMUM	1.52	1.43	1.81	1.93	1.53	1.56	1.13	1.80	-1.31
MINIMUM	0.93	-0.58	1.19	1.32	1.07	1.38	0.94	1.71	0.16
RANGE(MAX-MIN)	0.590	2.010	0.620	0.610	0.460	0.180	0.190	0.090	-1.470
MEAN	1.268	0.823	1.415	1.560	1.300	1.470	1.035	1.755	-0.563
STANDARD DEVIATION	0.246	0.950	0.273	0.260	0.325	0.127	0.134	0.064	0.616

# LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Rater= Viera, Ralph B.

YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI	AVERAG
E1-4-CAL. SEQ. V PISTONS									
F1-4-CAL. SEQ. V PISTONS	-1.44	-1.22	-0.87	0.33					
G1-4-CAL. SEQ. V PISTONS	0.91	0.11	1.32	1.41					
H1-4-CAL. SEQ. V PISTONS									
P1-8-SEQ. V PISTONS	0.06	-0.59	-0.01	0.14	0.41	0.09	0.42	-0.54	
Q1-8-SEQ. V PISTONS									
R1-8-SEQ. V PISTONS	0.43	0.10	0.38	0.92	-0.18	0.67	0.28	0.71	
S1-8-SEQ. V PISTONS									
VRCBVL-RC BFL VARN L									-0.73
VRCBVR-RC BFL VARN R									-0.90
VVCALL-CAL RC BFL VARN L									-0.96
VVCALR-CAL RC BFL VARN R									-1.73
MAXIMUM	-1.44	-1.22	1.32	1.41	0.41	0.67	0.42	0.71	-1.73
MINIMUM	0.06	0.10	-0.01	0.14	-0.18	0.09	0.28	-0.54	-0.73
RANGE(MAX-MIN)	-1.500	-1.320	1.330	1.270	0.590	0.580	0.140	1.250	-1.000
MEAN	-0.010	-0.400	0.205	0.700	0.115	0.380	0.350	0.085	-1.080
STANDARD DEVIATION	1.015	0.637	0.908	0.578	0.417	0.410	0.099	0.884	0.444

# LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Rater= Zalewski, John

YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI	AVERAG
E1-4-CAL. SEQ. V PISTONS									
F1-4-CAL. SEQ. V PISTONS	0.33	1.81	0.97	0.74					
G1-4-CAL. SEQ. V PISTONS									
H1-4-CAL. SEQ. V PISTONS	0.69	0.84	1.27	1.24					
P1-8-SEQ. V PISTONS	0.16	-0.02	0.80	0.64	0.70	0.73	0.59	0.56	
Q1-8-SEQ. V PISTONS									
R1-8-SEQ. V PISTONS									
S1-8-SEQ. V PISTONS	0.76	-0.43	1.64	1.52	0.78	-0.09	1.03	0.92	
VRCBVL-RC BFL VARN L									1.24
VRCBVR-RC BFL VARN R									1.09
VVCALL-CAL RC BFL VARN L									2.04
VVCALR-CAL RC BFL VARN R									1.81
MAXIMUM	0.76	1.81	1.64	1.52	0.78	0.73	1.03	0.92	2.04
MINIMUM	0.16	-0.02	0.80	0.64	0.70	-0.09	0.59	0.56	1.09
RANGE(MAX-MIN)	0.600	1.830	0.840	0.880	0.080	0.820	0.440	0.360	0.950
MEAN	0.485	0.550	1.170	1.035	0.740	0.320	0.810	0.740	1.545
STANDARD DEVIATION	0.287	0.993	0.369	0.416	0.057	0.580	0.311	0.255	0.453

# LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Rater= Adams, Patrick

YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	P1	P2	P3	P4	P5	P6	P7	P8	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI
I1-8-INTAKE VALVE SET																
J1-8-INTAKE VALVE SET																
K1-8-INTAKE VALVE SET																
PTCAL-CAL. PISTON TOPS																
PTOPS-PISTON TOPS																
VALCAL-CAL. INTAKE VALVES	0.07	0.15														
MAXIMUM	0.07	0.15														
MINIMUM	0.07	0.15														
RANGE(MAX-MIN)	0.000	0.000														
MEAN	0.070	0.150														
STANDARD DEVIATION	0.000	0.000														

# LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Rater= Aguirre, Nancy P

YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	P1	P2	P3	P4	P5	P6	P7	P8	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI
I1-8-INTAKE VALVE SET																
J1-8-INTAKE VALVE SET																
K1-8-INTAKE VALVE SET																
PTCAL-CAL. PISTON TOPS																
PTOPS-PISTON TOPS																
VALCAL-CAL. INTAKE VALVES																
MAXIMUM																
MINIMUM																
RANGE(MAX-MIN)																
MEAN																
STANDARD DEVIATION																



# LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Rater= Arrizon, Richard

YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	P1	P2	P3	P4	P5	P6	P7	P8	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI
I1-8-INTAKE VALVE SET																
J1-8-INTAKE VALVE SET																
K1-8-INTAKE VALVE SET																
PTCAL-CAL. PISTON TOPS																
PTOPS-PISTON TOPS																
VALCAL-CAL. INTAKE VALVES																
MAXIMUM																
MINIMUM																
RANGE(MAX-MIN)																
MEAN																
STANDARD DEVIATION																

## LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Rater= Barrera, Tony

YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	P1	P2	P3	P4	P5	P6	P7	P8	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI
I1-8-INTAKE VALVE SET	-1.29	0.04	-0.09	-0.11	1.10	0.18	-0.99	0.65								
J1-8-INTAKE VALVE SET	-2.16	0.04	1.88	1.16	1.57	-1.59	-1.13	1.60								
K1-8-INTAKE VALVE SET	-1.90	-1.83	0.50	0.42	-1.41	-1.20	-1.57	0.76								
PTCAL-CAL. PISTON TOPS									0.08	0.11						
PTOPS-PISTON TOPS									-0.32	-0.25	-0.26	-0.47	-0.02	-0.55	0.10	-0.81
VALCAL-CAL. INTAKE VALVES	-0.56	-1.17														
MAXIMUM	-2.16	-1.83	1.88	1.16	1.57	-1.59	-1.57	1.60	-0.32	-0.25	-0.26	-0.47	-0.02	-0.55	0.10	-0.81
MINIMUM	-0.56	0.04	-0.09	-0.11	1.10	0.18	-0.99	0.65	0.08	0.11	-0.26	-0.47	-0.02	-0.55	0.10	-0.81
RANGE(MAX-MIN)	-1.600	-1.870	1.970	1.270	0.470	-1.770	-0.580	0.950	-0.400	-0.360	0.000	0.000	0.000	0.000	0.000	0.000
MEAN	-1.478	-0.730	0.763	0.490	0.420	-0.870	-1.230	1.003	-0.120	-0.070	-0.260	-0.470	-0.020	-0.550	0.100	-0.810
STANDARD DEVIATION	0.712	0.929	1.011	0.638	1.602	0.930	0.303	0.520	0.283	0.255	0.000	0.000	0.000	0.000	0.000	0.000

# LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Rater= Cales, Jonathon

YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	P1	P2	P3	P4	P5	P6	P7	P8	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI
I1-8-INTAKE VALVE SET																
J1-8-INTAKE VALVE SET																
K1-8-INTAKE VALVE SET																
PTCAL-CAL. PISTON TOPS																
PTOPS-PISTON TOPS																
VALCAL-CAL. INTAKE VALVES																
MAXIMUM																
MINIMUM																
RANGE(MAX-MIN)																
MEAN																
STANDARD DEVIATION																

# LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Rater= Campbell, Bryan

YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	P1	P2	P3	P4	P5	P6	P7	P8	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI
I1-8-INTAKE VALVE SET	0.72	1.02	-1.94	-1.89	-1.85	1.09	0.85	-1.33								
J1-8-INTAKE VALVE SET	0.51	0.04	-0.74	-1.71	-1.58	0.96	-0.53	-1.54								
K1-8-INTAKE VALVE SET	-0.76	0.91	-1.01	-1.74	-0.37	0.62	1.19	-1.20								
PTCAL-CAL. PISTON TOPS									1.12	1.06						
PTOPS-PISTON TOPS																
VALCAL-CAL. INTAKE VALVES	-0.56	-1.17														
MAXIMUM	-0.76	-1.17	-1.94	-1.89	-1.85	1.09	1.19	-1.54	1.12	1.06						
MINIMUM	0.51	0.04	-0.74	-1.71	-0.37	0.62	-0.53	-1.20	1.12	1.06						
RANGE(MAX-MIN)	-1.270	-1.210	-1.200	-0.180	-1.480	0.470	1.720	-0.340	0.000	0.000						
MEAN	-0.023	0.200	-1.230	-1.780	-1.267	0.890	0.503	-1.357	1.120	1.060						
STANDARD DEVIATION	0.746	1.013	0.630	0.096	0.788	0.243	0.911	0.172	0.000	0.000						

# LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Rater= Caproni, David

YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	P1	P2	P3	P4	P5	P6	P7	P8	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI
I1-8-INTAKE VALVE SET																
J1-8-INTAKE VALVE SET																
K1-8-INTAKE VALVE SET																
PTCAL-CAL. PISTON TOPS																
PTOPS-PISTON TOPS																
VALCAL-CAL. INTAKE VALVES																
MAXIMUM																
MINIMUM																
RANGE(MAX-MIN)																
MEAN																
STANDARD DEVIATION																

# LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Rater= Castillo, George

YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	P1	P2	P3	P4	P5	P6	P7	P8	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI
I1-8-INTAKE VALVE SET																
J1-8-INTAKE VALVE SET																
K1-8-INTAKE VALVE SET																
PTCAL-CAL. PISTON TOPS									-1.66	-1.74						
PTOPS-PISTON TOPS									-1.87	-1.94	-1.12	-1.82	-1.37	-0.95	-0.67	-0.89
VALCAL-CAL. INTAKE VALVES	-0.56	-0.51														
MAXIMUM	-0.56	-0.51							-1.87	-1.94	-1.12	-1.82	-1.37	-0.95	-0.67	-0.89
MINIMUM	-0.56	-0.51							-1.66	-1.74	-1.12	-1.82	-1.37	-0.95	-0.67	-0.89
RANGE(MAX-MIN)	0.000	0.000							-0.210	-0.200	0.000	0.000	0.000	0.000	0.000	0.000
MEAN	-0.560	-0.510							-1.765	-1.840	-1.120	-1.820	-1.370	-0.950	-0.670	-0.890
STANDARD DEVIATION	0.000	0.000							0.148	0.141	0.000	0.000	0.000	0.000	0.000	0.000

## LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Rater= Cumberworth, Lee

YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	P1	P2	P3	P4	P5	P6	P7	P8	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI
I1-8-INTAKE VALVE SET	-1.29	-2.26	-0.78	-0.33	-1.89	-2.09	-2.74	-1.38								
J1-8-INTAKE VALVE SET	-0.79	1.94	-1.10	-0.68	-1.34	-1.48	-0.95	-1.31								
K1-8-INTAKE VALVE SET	0.85	-1.83	-1.42	-1.11	-0.58	-1.81	-1.78	-0.56								
PTCAL-CAL. PISTON TOPS									0.45	0.28						
PTOPS-PISTON TOPS																
VALCAL-CAL. INTAKE VALVES	-1.50	-1.17														
MAXIMUM	-1.50	-2.26	-1.42	-1.11	-1.89	-2.09	-2.74	-1.38	0.45	0.28						
MINIMUM	-0.79	-1.17	-0.78	-0.33	-0.58	-1.48	-0.95	-0.56	0.45	0.28						
RANGE(MAX-MIN)	-0.710	-1.090	-0.640	-0.780	-1.310	-0.610	-1.790	-0.820	0.000	0.000						
MEAN	-0.683	-0.830	-1.100	-0.707	-1.270	-1.793	-1.823	-1.083	0.450	0.280						
STANDARD DEVIATION	1.064	1.900	0.320	0.391	0.658	0.305	0.896	0.455	0.000	0.000						

# LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Rater= DeCapite, Vanessa

YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	P1	P2	P3	P4	P5	P6	P7	P8	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI
I1-8-INTAKE VALVE SET	1.12	0.04	0.17	0.60	-0.58	-0.28	0.39	0.65								
J1-8-INTAKE VALVE SET																
K1-8-INTAKE VALVE SET	0.96	0.52	1.00	1.21	0.66	1.35	0.50	1.24								
PTCAL-CAL. PISTON TOPS																
PTOPS-PISTON TOPS																
VALCAL-CAL. INTAKE VALVES	1.95	2.12														
MAXIMUM	1.95	2.12	1.00	1.21	0.66	1.35	0.50	1.24								
MINIMUM	0.96	0.04	0.17	0.60	-0.58	-0.28	0.39	0.65								
RANGE(MAX-MIN)	0.990	2.080	0.830	0.610	1.240	1.630	0.110	0.590								
MEAN	1.343	0.893	0.585	0.905	0.040	0.535	0.445	0.945								
STANDARD DEVIATION	0.531	1.089	0.587	0.431	0.877	1.153	0.078	0.417								



## LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Rater= Foecking, Brian

YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	P1	P2	P3	P4	P5	P6	P7	P8	P1MFERI	P2MFERI	P3MFERI	P4MFERI	P5MFERI	P6MFERI	P7MFERI	P8MFERI
I1-8-INTAKE VALVE SET	1.12	-0.94	-0.36	-1.36	-0.58	-0.73	0.39	-0.48								
J1-8-INTAKE VALVE SET	0.89	-1.87	-0.21	0.01	0.17	-0.50	0.69	-0.56								
K1-8-INTAKE VALVE SET	0.39	-0.26	-0.51	-0.36	0.66	-0.10	-0.19	-0.47								
PTCAL-CAL. PISTON TOPS									1.24	1.13						
PTOPS-PISTON TOPS									0.56	0.45	1.11	0.98	0.85	-0.40	-0.69	-0.35
VALCAL-CAL. INTAKE VALVES	0.07	0.15														
MAXIMUM	1.12	-1.87	-0.51	-1.36	0.66	-0.73	0.69	-0.56	1.24	1.13	1.11	0.98	0.85	-0.40	-0.69	-0.35
MINIMUM	0.07	0.15	-0.21	0.01	0.17	-0.10	-0.19	-0.47	0.56	0.45	1.11	0.98	0.85	-0.40	-0.69	-0.35
RANGE(MAX-MIN)	1.050	-2.020	-0.300	-1.370	0.490	-0.630	0.880	-0.090	0.680	0.680	0.000	0.000	0.000	-0.400	-0.690	-0.350
MEAN	0.618	-0.730	-0.360	-0.570	0.083	-0.443	0.297	-0.503	0.900	0.790	1.110	0.980	0.850	-0.400	-0.690	-0.350
STANDARD DEVIATION	0.475	0.883	0.150	0.709	0.625	0.319	0.447	0.049	0.481	0.481	0.000	0.000	0.000	0.000	0.000	0.000

# LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Rater= Fujita, Hirokazu

YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	P1	P2	P3	P4	P5	P6	P7	P8	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI
I1-8-INTAKE VALVE SET																
J1-8-INTAKE VALVE SET																
K1-8-INTAKE VALVE SET																
PTCAL-CAL. PISTON TOPS																
PTOPS-PISTON TOPS																
VALCAL-CAL. INTAKE VALVES																
MAXIMUM																
MINIMUM																
RANGE(MAX-MIN)																
MEAN																
STANDARD DEVIATION																

# LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Rater= Greenland, Paul

YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	P1	P2	P3	P4	P5	P6	P7	P8	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI
I1-8-INTAKE VALVE SET																
J1-8-INTAKE VALVE SET																
K1-8-INTAKE VALVE SET																
PTCAL-CAL. PISTON TOPS																
PTOPS-PISTON TOPS																
VALCAL-CAL. INTAKE VALVES																
MAXIMUM																
MINIMUM																
RANGE(MAX-MIN)																
MEAN																
STANDARD DEVIATION																

# LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Rater= Grundza, Richard

YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	P1	P2	P3	P4	P5	P6	P7	P8	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI
I1-8-INTAKE VALVE SET																
J1-8-INTAKE VALVE SET																
K1-8-INTAKE VALVE SET																
PTCAL-CAL. PISTON TOPS																
PTOPS-PISTON TOPS																
VALCAL-CAL. INTAKE VALVES																
MAXIMUM																
MINIMUM																
RANGE(MAX-MIN)																
MEAN																
STANDARD DEVIATION																

# LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Rater= Hills, Barry

YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	P1	P2	P3	P4	P5	P6	P7	P8	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI
I1-8-INTAKE VALVE SET																
J1-8-INTAKE VALVE SET																
K1-8-INTAKE VALVE SET																
PTCAL-CAL. PISTON TOPS																
PTOPS-PISTON TOPS																
VALCAL-CAL. INTAKE VALVES																
MAXIMUM																
MINIMUM																
RANGE(MAX-MIN)																
MEAN																
STANDARD DEVIATION																

# LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Rater= Hurst, Kevin R.

YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	P1	P2	P3	P4	P5	P6	P7	P8	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI
I1-8-INTAKE VALVE SET																
J1-8-INTAKE VALVE SET																
K1-8-INTAKE VALVE SET																
PTCAL-CAL. PISTON TOPS																
PTOPS-PISTON TOPS																
VALCAL-CAL. INTAKE VALVES																
MAXIMUM																
MINIMUM																
RANGE(MAX-MIN)																
MEAN																
STANDARD DEVIATION																

# LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Rater= King, Jennifer

YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	P1	P2	P3	P4	P5	P6	P7	P8	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI
I1-8-INTAKE VALVE SET																
J1-8-INTAKE VALVE SET																
K1-8-INTAKE VALVE SET																
PTCAL-CAL. PISTON TOPS									-0.25	-0.60						
PTOPS-PISTON TOPS																
VALCAL-CAL. INTAKE VALVES	0.70	0.81														
MAXIMUM	0.70	0.81							-0.25	-0.60						
MINIMUM	0.70	0.81							-0.25	-0.60						
RANGE(MAX-MIN)	0.000	0.000							0.000	0.000						
MEAN	0.700	0.810							-0.250	-0.600						
STANDARD DEVIATION	0.000	0.000							0.000	0.000						

## LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Rater= Kobrinetz, Joaquin J.

YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	P1	P2	P3	P4	P5	P6	P7	P8	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI
I1-8-INTAKE VALVE SET																
J1-8-INTAKE VALVE SET																
K1-8-INTAKE VALVE SET	0.96	-0.26	-1.52	-0.95	-1.82	-1.56	-0.88	-1.20								
PTCAL-CAL. PISTON TOPS									0.56	0.82						
PTOPS-PISTON TOPS																
VALCAL-CAL. INTAKE VALVES	-0.56	0.15														
MAXIMUM	0.96	-0.26	-1.52	-0.95	-1.82	-1.56	-0.88	-1.20	0.56	0.82						
MINIMUM	-0.56	0.15	-1.52	-0.95	-1.82	-1.56	-0.88	-1.20	0.56	0.82						
RANGE(MAX-MIN)	1.520	-0.410	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000						
MEAN	0.200	-0.055	-1.520	-0.950	-1.820	-1.560	-0.880	-1.200	0.560	0.820						
STANDARD DEVIATION	1.075	0.290	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000						



# LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Rater= Kraemer, Vernon

YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	P1	P2	P3	P4	P5	P6	P7	P8	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI
I1-8-INTAKE VALVE SET																
J1-8-INTAKE VALVE SET																
K1-8-INTAKE VALVE SET																
PTCAL-CAL. PISTON TOPS									0.22	0.40						
PTOPS-PISTON TOPS									-0.37	0.62	0.42	0.10	-0.20	0.62	0.22	0.36
VALCAL-CAL. INTAKE VALVES	-1.18	-0.51														
MAXIMUM	-1.18	-0.51							-0.37	0.62	0.42	0.10	-0.20	0.62	0.22	0.36
MINIMUM	-1.18	-0.51							0.22	0.40	0.42	0.10	-0.20	0.62	0.22	0.36
RANGE(MAX-MIN)	0.000	0.000							-0.590	0.220	0.000	0.000	0.000	0.000	0.000	0.000
MEAN	-1.180	-0.510							-0.075	0.510	0.420	0.100	-0.200	0.620	0.220	0.360
STANDARD DEVIATION	0.000	0.000							0.417	0.156	0.000	0.000	0.000	0.000	0.000	0.000

# LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Rater= Lam, Eddie

YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	P1	P2	P3	P4	P5	P6	P7	P8	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI
I1-8-INTAKE VALVE SET																
J1-8-INTAKE VALVE SET																
K1-8-INTAKE VALVE SET																
PTCAL-CAL. PISTON TOPS																
PTOPS-PISTON TOPS																
VALCAL-CAL. INTAKE VALVES																
MAXIMUM																
MINIMUM																
RANGE(MAX-MIN)																
MEAN																
STANDARD DEVIATION																

# LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Rater= Lonsway, Chris

YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	P1	P2	P3	P4	P5	P6	P7	P8	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI
I1-8-INTAKE VALVE SET	1.12	0.04	1.23	0.78	0.26	0.63	0.39	0.93								
J1-8-INTAKE VALVE SET																
K1-8-INTAKE VALVE SET	-1.90	1.31	0.24	0.42	0.66	0.26	0.50	1.00								
PTCAL-CAL. PISTON TOPS																
PTOPS-PISTON TOPS									0.69	0.18	0.63	0.10	0.40	0.16	0.27	1.07
VALCAL-CAL. INTAKE VALVES																
MAXIMUM	-1.90	1.31	1.23	0.78	0.66	0.63	0.50	1.00	0.69	0.18	0.63	0.10	0.40	0.16	0.27	1.07
MINIMUM	1.12	0.04	0.24	0.42	0.26	0.26	0.39	0.93	0.69	0.18	0.63	0.10	0.40	0.16	0.27	1.07
RANGE(MAX-MIN)	-3.020	1.270	0.990	0.360	0.400	0.370	0.110	0.070	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
MEAN	-0.390	0.675	0.735	0.600	0.460	0.445	0.445	0.965	0.690	0.180	0.630	0.100	0.400	0.160	0.270	1.070
STANDARD DEVIATION	2.135	0.898	0.700	0.255	0.283	0.262	0.078	0.049	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

## LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Rater= Lopez, Frank

YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	P1	P2	P3	P4	P5	P6	P7	P8	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI
I1-8-INTAKE VALVE SET	-0.49	1.02	-0.36	0.07	0.26	1.09	0.39	0.37								
J1-8-INTAKE VALVE SET	0.13	1.94	0.31	-0.28	-0.88	0.96	2.50	0.03								
K1-8-INTAKE VALVE SET	-0.18	0.52	0.75	-0.36	1.70	1.35	0.50	-0.22								
PTCAL-CAL. PISTON TOPS									-0.01	0.18						
PTOPS-PISTON TOPS									0.60	0.45	-0.47	0.51	0.04	-0.29	0.08	0.42
VALCAL-CAL. INTAKE VALVES	1.32	1.47														
MAXIMUM	1.32	1.94	0.75	-0.36	1.70	1.35	2.50	0.37	0.60	0.45	-0.47	0.51	0.04	-0.29	0.08	0.42
MINIMUM	0.13	0.52	0.31	0.07	0.26	0.96	0.39	0.03	-0.01	0.18	-0.47	0.51	0.04	-0.29	0.08	0.42
RANGE(MAX-MIN)	1.190	1.420	0.440	-0.430	1.440	0.390	2.110	0.340	0.610	0.270	0.000	0.000	0.000	0.000	0.000	0.000
MEAN	0.195	1.238	0.233	-0.190	0.360	1.133	1.130	0.060	0.295	0.315	-0.470	0.510	0.040	-0.290	0.080	0.420
STANDARD DEVIATION	0.792	0.608	0.559	0.229	1.293	0.199	1.188	0.296	0.431	0.191	0.000	0.000	0.000	0.000	0.000	0.000

## LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Rater= Lowsky, John

YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	P1	P2	P3	P4	P5	P6	P7	P8	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI
I1-8-INTAKE VALVE SET	-1.29	-1.18	0.30	-0.47	1.31	-0.96	-0.53	0.37								
J1-8-INTAKE VALVE SET	1.28	-0.44	0.83	0.01	0.17	0.05	0.69	1.99								
K1-8-INTAKE VALVE SET	0.96	0.91	1.25	0.72	0.66	-0.47	0.84	-0.22								
PTCAL-CAL. PISTON TOPS									0.96	0.97						
PTOPS-PISTON TOPS									1.04	1.09	1.31	1.36	1.36	0.98	1.36	1.13
VALCAL-CAL. INTAKE VALVES	-0.24	-1.17														
MAXIMUM	-1.29	-1.18	1.25	0.72	1.31	-0.96	0.84	1.99	1.04	1.09	1.31	1.36	1.36	0.98	1.36	1.13
MINIMUM	-0.24	-0.44	0.30	0.01	0.17	0.05	-0.53	-0.22	0.96	0.97	1.31	1.36	1.36	0.98	1.36	1.13
RANGE(MAX-MIN)	-1.050	-0.740	0.950	0.710	1.140	-1.010	1.370	2.210	0.080	0.120	0.000	0.000	0.000	0.000	0.000	0.000
MEAN	0.178	-0.470	0.793	0.087	0.713	-0.460	0.333	0.713	1.000	1.030	1.310	1.360	1.360	0.980	1.360	1.130
STANDARD DEVIATION	1.177	0.983	0.476	0.599	0.572	0.505	0.751	1.144	0.057	0.085	0.000	0.000	0.000	0.000	0.000	0.000

# LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Rater= May, Marianne

YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	P1	P2	P3	P4	P5	P6	P7	P8	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI
I1-8-INTAKE VALVE SET																
J1-8-INTAKE VALVE SET																
K1-8-INTAKE VALVE SET																
PTCAL-CAL. PISTON TOPS																
PTOPS-PISTON TOPS																
VALCAL-CAL. INTAKE VALVES	-1.18	-0.51														
MAXIMUM	-1.18	-0.51														
MINIMUM	-1.18	-0.51														
RANGE(MAX-MIN)	0.000	0.000														
MEAN	-1.180	-0.510														
STANDARD DEVIATION	0.000	0.000														

# LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Rater= Pitta, Jimmy

YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	P1	P2	P3	P4	P5	P6	P7	P8	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI
I1-8-INTAKE VALVE SET	0.32	0.53	-0.09	-0.47	0.68	0.63	0.39	0.65								
J1-8-INTAKE VALVE SET	0.89	0.04	-0.74	0.30	0.52	0.96	-0.53	-0.37								
K1-8-INTAKE VALVE SET	-0.76	0.52	0.50	0.23	-0.37	0.62	0.50	0.27								
PTCAL-CAL. PISTON TOPS																
PTOPS-PISTON TOPS																
VALCAL-CAL. INTAKE VALVES																
MAXIMUM	0.89	0.53	-0.74	-0.47	0.68	0.96	-0.53	0.65								
MINIMUM	0.32	0.04	-0.09	0.23	-0.37	0.62	0.39	0.27								
RANGE(MAX-MIN)	0.570	0.490	-0.650	-0.700	1.050	0.340	-0.920	0.380								
MEAN	0.150	0.363	-0.110	0.020	0.277	0.737	0.120	0.183								
STANDARD DEVIATION	0.838	0.280	0.620	0.426	0.566	0.193	0.566	0.515								

# LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Rater= Potocar, William P

YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	P1	P2	P3	P4	P5	P6	P7	P8	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI
I1-8-INTAKE VALVE SET																
J1-8-INTAKE VALVE SET																
K1-8-INTAKE VALVE SET																
PTCAL-CAL. PISTON TOPS																
PTOPS-PISTON TOPS																
VALCAL-CAL. INTAKE VALVES	1.32	0.81														
MAXIMUM	1.32	0.81														
MINIMUM	1.32	0.81														
RANGE(MAX-MIN)	0.000	0.000														
MEAN	1.320	0.810														
STANDARD DEVIATION	0.000	0.000														



# LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Rater= Ramirez, Ray

YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	P1	P2	P3	P4	P5	P6	P7	P8	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI
I1-8-INTAKE VALVE SET																
J1-8-INTAKE VALVE SET																
K1-8-INTAKE VALVE SET																
PTCAL-CAL. PISTON TOPS																
PTOPS-PISTON TOPS																
VALCAL-CAL. INTAKE VALVES																
MAXIMUM																
MINIMUM																
RANGE(MAX-MIN)																
MEAN																
STANDARD DEVIATION																

## LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Rater= Rodriguez, Jesus (Jesse)

YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	P1	P2	P3	P4	P5	P6	P7	P8	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI
I1-8-INTAKE VALVE SET	0.32	1.02	-1.41	-0.65	0.68	1.09	0.85	-1.61								
J1-8-INTAKE VALVE SET	-0.63	-0.44	0.31	-1.71	-1.23	0.96	-0.53	-0.76								
K1-8-INTAKE VALVE SET	0.39	0.52	-1.26	-1.35	0.66	0.62	0.50	-1.69								
PTCAL-CAL. PISTON TOPS									-0.92	-0.65						
PTOPS-PISTON TOPS									-0.32	-1.03	-1.42	-0.84	-1.34	-2.20	-2.38	-1.91
VALCAL-CAL. INTAKE VALVES	0.70	-0.51														
MAXIMUM	0.70	1.02	-1.41	-1.71	-1.23	1.09	0.85	-1.69	-0.92	-1.03	-1.42	-0.84	-1.34	-2.20	-2.38	-1.91
MINIMUM	0.32	-0.44	0.31	-0.65	0.66	0.62	0.50	-0.76	-0.32	-0.65	-1.42	-0.84	-1.34	-2.20	-2.38	-1.91
RANGE(MAX-MIN)	0.380	1.460	-1.720	-1.060	-1.890	0.470	0.350	-0.930	-0.600	-0.380	0.000	0.000	0.000	0.000	0.000	0.000
MEAN	0.195	0.148	-0.787	-1.237	0.037	0.890	0.273	-1.353	-0.620	-0.840	-1.420	-0.840	-1.340	-2.200	-2.380	-1.910
STANDARD DEVIATION	0.574	0.748	0.953	0.539	1.097	0.243	0.717	0.515	0.424	0.269	0.000	0.000	0.000	0.000	0.000	0.000

## LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Rater= Sanchez, Arthur

YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	P1	P2	P3	P4	P5	P6	P7	P8	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI
I1-8-INTAKE VALVE SET	-0.49	0.53	-0.36	-0.11	-0.58	0.63	0.39	-1.33								
J1-8-INTAKE VALVE SET	0.13	0.04	-1.26	-0.56	0.17	0.59	-0.53	0.03								
K1-8-INTAKE VALVE SET	-0.76	0.52	-1.01	-0.36	-0.37	0.99	-0.19	-0.95								
PTCAL-CAL. PISTON TOPS									-2.01	-1.97						
PTOPS-PISTON TOPS									-1.12	-0.83	-0.94	-0.75	-0.86	1.07	0.27	-0.48
VALCAL-CAL. INTAKE VALVES	-0.56	0.15														
MAXIMUM	-0.76	0.53	-1.26	-0.56	-0.58	0.99	-0.53	-1.33	-2.01	-1.97	-0.94	-0.75	-0.86	1.07	0.27	-0.48
MINIMUM	0.13	0.04	-0.36	-0.11	0.17	0.59	-0.19	0.03	-1.12	-0.83	-0.94	-0.75	-0.86	1.07	0.27	-0.48
RANGE(MAX-MIN)	-0.890	0.490	-0.900	-0.450	-0.750	0.400	-0.340	-1.360	-0.890	-1.140	0.000	0.000	0.000	0.000	0.000	0.000
MEAN	-0.420	0.310	-0.877	-0.343	-0.260	0.737	-0.110	-0.750	-1.565	-1.400	-0.940	-0.750	-0.860	1.070	0.270	-0.480
STANDARD DEVIATION	0.384	0.252	0.465	0.225	0.387	0.220	0.465	0.702	0.629	0.806	0.000	0.000	0.000	0.000	0.000	0.000

# LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Rater= Terrado, Ken

YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	P1	P2	P3	P4	P5	P6	P7	P8	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI
I1-8-INTAKE VALVE SET																
J1-8-INTAKE VALVE SET																
K1-8-INTAKE VALVE SET																
PTCAL-CAL. PISTON TOPS																
PTOPS-PISTON TOPS																
VALCAL-CAL. INTAKE VALVES																
MAXIMUM																
MINIMUM																
RANGE(MAX-MIN)																
MEAN																
STANDARD DEVIATION																

# LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Rater= Trevino, Bobby

YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	P1	P2	P3	P4	P5	P6	P7	P8	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI
I1-8-INTAKE VALVE SET																
J1-8-INTAKE VALVE SET	-1.40	-0.44	0.31	0.58	0.52	-1.59	-0.53	0.03								
K1-8-INTAKE VALVE SET																
PTCAL-CAL. PISTON TOPS									0.22	-0.01						
PTOPS-PISTON TOPS									-0.46	-0.29	-0.57	-0.53	-0.50	0.73	0.30	0.12
VALCAL-CAL. INTAKE VALVES																
MAXIMUM	-1.40	-0.44	0.31	0.58	0.52	-1.59	-0.53	0.03	-0.46	-0.29	-0.57	-0.53	-0.50	0.73	0.30	0.12
MINIMUM	-1.40	-0.44	0.31	0.58	0.52	-1.59	-0.53	0.03	0.22	-0.01	-0.57	-0.53	-0.50	0.73	0.30	0.12
RANGE(MAX-MIN)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-0.680	-0.280	0.000	0.000	0.000	0.000	0.000	0.000
MEAN	-1.400	-0.440	0.310	0.580	0.520	-1.590	-0.530	0.030	-0.120	-0.150	-0.570	-0.530	-0.500	0.730	0.300	0.120
STANDARD DEVIATION	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.481	0.198	0.000	0.000	0.000	0.000	0.000	0.000

## LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Rater= Veiga, Victor

YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	P1	P2	P3	P4	P5	P6	P7	P8	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI
I1-8-INTAKE VALVE SET	0.32	0.04	1.49	1.67	0.68	-0.73	0.39	1.22								
J1-8-INTAKE VALVE SET	0.13	0.04	1.36	1.44	1.22	-0.13	-0.53	0.42								
K1-8-INTAKE VALVE SET	0.39	-1.04	1.00	1.60	0.66	0.26	1.19	1.24								
PTCAL-CAL. PISTON TOPS																
PTOPS-PISTON TOPS																
VALCAL-CAL. INTAKE VALVES																
MAXIMUM	0.39	-1.04	1.49	1.67	1.22	-0.73	1.19	1.24								
MINIMUM	0.13	0.04	1.00	1.44	0.66	-0.13	0.39	0.42								
RANGE(MAX-MIN)	0.260	-1.080	0.490	0.230	0.560	-0.600	0.800	0.820								
MEAN	0.280	-0.320	1.283	1.570	0.853	-0.200	0.350	0.960								
STANDARD DEVIATION	0.135	0.624	0.254	0.118	0.318	0.499	0.861	0.468								

# LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Rater= Viera, Ralph B.

YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	P1	P2	P3	P4	P5	P6	P7	P8	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI
I1-8-INTAKE VALVE SET	-1.29	-0.94	0.96	0.78	0.68	-1.18	-0.99	0.65								
J1-8-INTAKE VALVE SET	0.13	-0.44	-1.26	0.30	-0.18	0.23	0.69	0.03								
K1-8-INTAKE VALVE SET	0.96	-1.04	0.75	0.42	-1.41	-0.83	-1.57	1.00								
PTCAL-CAL. PISTON TOPS																
PTOPS-PISTON TOPS																
VALCAL-CAL. INTAKE VALVES	-0.56	-0.51														
MAXIMUM	-1.29	-1.04	-1.26	0.78	-1.41	-1.18	-1.57	1.00								
MINIMUM	0.13	-0.44	0.75	0.30	-0.18	0.23	0.69	0.03								
RANGE(MAX-MIN)	-1.420	-0.600	-2.010	0.480	-1.230	-1.410	-2.260	0.970								
MEAN	-0.190	-0.733	0.150	0.500	-0.303	-0.593	-0.623	0.560								
STANDARD DEVIATION	0.961	0.301	1.226	0.250	1.050	0.734	1.174	0.491								

## LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Rater= Zalewski, John

YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	P1	P2	P3	P4	P5	P6	P7	P8	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI
I1-8-INTAKE VALVE SET	1.12	1.02	1.23	1.49	-0.16	0.63	0.85	0.65								
J1-8-INTAKE VALVE SET	0.89	-0.44	0.31	1.16	0.87	0.59	0.69	0.42								
K1-8-INTAKE VALVE SET	0.39	0.52	0.75	1.21	0.66	-0.10	0.50	1.00								
PTCAL-CAL. PISTON TOPS																
PTOPS-PISTON TOPS									1.57	1.53	1.31	1.36	1.60	0.82	1.13	1.35
VALCAL-CAL. INTAKE VALVES	1.32	1.47														
MAXIMUM	1.32	1.47	1.23	1.49	0.87	0.63	0.85	1.00	1.57	1.53	1.31	1.36	1.60	0.82	1.13	1.35
MINIMUM	0.39	-0.44	0.31	1.16	-0.16	-0.10	0.50	0.42	1.57	1.53	1.31	1.36	1.60	0.82	1.13	1.35
RANGE(MAX-MIN)	0.930	1.910	0.920	0.330	1.030	0.730	0.350	0.580	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
MEAN	0.930	0.643	0.763	1.287	0.457	0.373	0.680	0.690	1.570	1.530	1.310	1.360	1.600	0.820	1.130	1.350
STANDARD DEVIATION	0.401	0.819	0.460	0.178	0.544	0.410	0.175	0.292	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000



# LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Rater= Adams, Patrick

YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	TOTALS	
VOP-OIL PAN SLUDGE	0.17	
VOPB-OIL PAN BFL SLUDGE	0.41	
VRCL-RC BFL SLUDGE L	-1.24	
VRCLR-RC BFL SLUDGE R	-0.78	
VRCL-RC SLUDGE L	-0.96	
VRCLR-RC SLUDGE R	-0.27	
VSCALL-CAL RC BFL SLUDGE L	-0.67	
VSCALR-CAL RC BFL SLUDGE R	0.59	
VTCC-TC CVR SLUDGE	-0.36	
VVDL-VALVE DECK SLUDGE L	-0.15	
VVDR-VALVE DECK SLUDGE R	-0.20	
MAXIMUM	-1.24	
MINIMUM	-0.15	
RANGE(MAX-MIN)	-1.090	
MEAN	-0.315	
STANDARD DEVIATION	0.569	

# LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Rater= Aguirre, Nancy P

YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	TOTALS	
VOP-OIL PAN SLUDGE	0.86	
VOPB-OIL PAN BFL SLUDGE	0.87	
VRCBL-RC BFL SLUDGE L	1.26	
VRCBR-RC BFL SLUDGE R	1.22	
VRCL-RC SLUDGE L	1.38	
VRCL-RC SLUDGE R	0.89	
VSCALL-CAL RC BFL SLUDGE L	0.77	
VSCALL-CAL RC BFL SLUDGE R	0.99	
VTCC-TC CVR SLUDGE	1.55	
VVDL-VALVE DECK SLUDGE L	-0.15	
VVDR-VALVE DECK SLUDGE R	-0.03	
MAXIMUM	1.55	
MINIMUM	-0.03	
RANGE(MAX-MIN)	1.580	
MEAN	0.874	
STANDARD DEVIATION	0.536	

# LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Rater= Arrizon, Richard

YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	TOTALS	
VOP-OIL PAN SLUDGE		
VOPB-OIL PAN BFL SLUDGE		
VRCBL-RC BFL SLUDGE L		
VRCBR-RC BFL SLUDGE R		
VRCL-RC SLUDGE L		
VRCL-RC SLUDGE R		
VSCALL-CAL RC BFL SLUDGE L		
VSCALR-CAL RC BFL SLUDGE R		
VTCC-TC CVR SLUDGE		
VVDL-VALVE DECK SLUDGE L		
VVDR-VALVE DECK SLUDGE R		
MAXIMUM		
MINIMUM		
RANGE(MAX-MIN)		
MEAN		
STANDARD DEVIATION		

# LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Rater= Barrera, Tony

YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	TOTALS	
VOP-OIL PAN SLUDGE	1.41	
VOPB-OIL PAN BFL SLUDGE	0.87	
VRCBL-RC BFL SLUDGE L	2.57	
VRCBR-RC BFL SLUDGE R	0.82	
VRCL-RC SLUDGE L	2.34	
VRCL-RC SLUDGE R	1.66	
VSCALL-CAL RC BFL SLUDGE L	0.15	
VSCALR-CAL RC BFL SLUDGE R	0.91	
VTCC-TC CVR SLUDGE	2.00	
VVDL-VALVE DECK SLUDGE L	1.57	
VVDR-VALVE DECK SLUDGE R	1.42	
MAXIMUM	2.57	
MINIMUM	0.15	
RANGE(MAX-MIN)	2.420	
MEAN	1.429	
STANDARD DEVIATION	0.716	

# LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Rater= Cales, Jonathon

YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	TOTALS	
VOP-OIL PAN SLUDGE	-0.11	
VOPB-OIL PAN BFL SLUDGE	-0.17	
VRCL-RC BFL SLUDGE L	-0.97	
VRCLR-RC BFL SLUDGE R	1.22	
VRCL-RC SLUDGE L	0.14	
VRCLR-RC SLUDGE R	1.02	
VSCALL-CAL RC BFL SLUDGE L	-0.98	
VSCALR-CAL RC BFL SLUDGE R	-0.78	
VTCC-TC CVR SLUDGE	-0.13	
VVDL-VALVE DECK SLUDGE L	-0.05	
VVDR-VALVE DECK SLUDGE R	1.19	
MAXIMUM	1.22	
MINIMUM	-0.05	
RANGE(MAX-MIN)	1.270	
MEAN	0.035	
STANDARD DEVIATION	0.808	

# LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Rater= Campbell, Bryan

YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	TOTALS	
VOP-OIL PAN SLUDGE		
VOPB-OIL PAN BFL SLUDGE		
VRCBL-RC BFL SLUDGE L	-0.32	
VRCBR-RC BFL SLUDGE R		
VRCL-RC SLUDGE L	-0.68	
VRCR-RC SLUDGE R		
VSCALL-CAL RC BFL SLUDGE L	2.11	
VSCALR-CAL RC BFL SLUDGE R	0.43	
VTCC-TC CVR SLUDGE	-1.70	
VVDL-VALVE DECK SLUDGE L	0.05	
VVDR-VALVE DECK SLUDGE R		
MAXIMUM	2.11	
MINIMUM	0.05	
RANGE(MAX-MIN)	2.060	
MEAN	-0.018	
STANDARD DEVIATION	1.272	

# LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Rater= Caproni, David

YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	TOTALS	
VOP-OIL PAN SLUDGE	-0.66	
VOPB-OIL PAN BFL SLUDGE	-0.76	
VRCBL-RC BFL SLUDGE L	0.08	
VRCBR-RC BFL SLUDGE R	-0.94	
VRCL-RC SLUDGE L	0.69	
VRCL-RC SLUDGE R	-0.53	
VSCALL-CAL RC BFL SLUDGE L	-1.80	
VSCALL-CAL RC BFL SLUDGE R	-1.18	
VTCC-TC CVR SLUDGE	0.21	
VVDL-VALVE DECK SLUDGE L	0.46	
VVDR-VALVE DECK SLUDGE R	1.01	
MAXIMUM	-1.80	
MINIMUM	0.08	
RANGE(MAX-MIN)	-1.880	
MEAN	-0.311	
STANDARD DEVIATION	0.866	

# LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Rater= Castillo, George

YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	TOTALS	
VOP-OIL PAN SLUDGE	0.03	
VOPB-OIL PAN BFL SLUDGE	0.87	
VRCL-RC BFL SLUDGE L	1.00	
VRCLR-RC BFL SLUDGE R	0.90	
VRCL-RC SLUDGE L	0.55	
VRCLR-RC SLUDGE R	0.37	
VSCALL-CAL RC BFL SLUDGE L	-1.08	
VSCALR-CAL RC BFL SLUDGE R	-0.70	
VTCC-TC CVR SLUDGE	1.22	
VVDL-VALVE DECK SLUDGE L	1.06	
VVDR-VALVE DECK SLUDGE R	1.01	
MAXIMUM	1.22	
MINIMUM	0.03	
RANGE(MAX-MIN)	1.190	
MEAN	0.475	
STANDARD DEVIATION	0.762	



# LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Rater= Cumberworth, Lee

YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	TOTALS	
VOP-OIL PAN SLUDGE	-2.31	
VOPB-OIL PAN BFL SLUDGE	-3.32	
VRCL-RC BFL SLUDGE L	-1.76	
VRCLR-RC BFL SLUDGE R	-2.39	
VRCL-RC SLUDGE L	-1.78	
VRCLR-RC SLUDGE R	-1.43	
VSCALL-CAL RC BFL SLUDGE L	-0.57	
VSCALR-CAL RC BFL SLUDGE R	-1.51	
VTCC-TC CVR SLUDGE	-2.72	
VVDL-VALVE DECK SLUDGE L	-0.76	
VVDR-VALVE DECK SLUDGE R	-1.18	
MAXIMUM	-3.32	
MINIMUM	-0.57	
RANGE(MAX-MIN)	-2.750	
MEAN	-1.794	
STANDARD DEVIATION	0.835	

# LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Rater= DeCapite, Vanessa

YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	TOTALS	
VOP-OIL PAN SLUDGE	-0.11	
VOPB-OIL PAN BFL SLUDGE	-0.29	
VRCL-RC BFL SLUDGE L	0.08	
VRCLR-RC BFL SLUDGE R	0.18	
VRCL-RC SLUDGE L	0.69	
VRCLR-RC SLUDGE R	1.53	
VSCALL-CAL RC BFL SLUDGE L	1.60	
VSCALR-CAL RC BFL SLUDGE R	-0.38	
VTCC-TC CVR SLUDGE	-0.02	
VVDL-VALVE DECK SLUDGE L	-1.77	
VVDR-VALVE DECK SLUDGE R	-1.12	
MAXIMUM	-1.77	
MINIMUM	-0.02	
RANGE(MAX-MIN)	-1.750	
MEAN	0.035	
STANDARD DEVIATION	1.002	

# LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Rater= Foecking, Brian

YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	TOTALS	
VOP-OIL PAN SLUDGE	0.45	
VOPB-OIL PAN BFL SLUDGE	0.76	
VRCL-RC BFL SLUDGE L	0.08	
VRCLR-RC BFL SLUDGE R	0.26	
VRCL-RC SLUDGE L	0.69	
VRCLR-RC SLUDGE R	0.11	
VSCALL-CAL RC BFL SLUDGE L	-0.88	
VSCALR-CAL RC BFL SLUDGE R	-1.75	
VTCC-TC CVR SLUDGE	0.32	
VVDL-VALVE DECK SLUDGE L	0.35	
VVDR-VALVE DECK SLUDGE R	0.03	
MAXIMUM	-1.75	
MINIMUM	0.03	
RANGE(MAX-MIN)	-1.780	
MEAN	0.038	
STANDARD DEVIATION	0.734	

# LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Rater= Fujita, Hirokazu

YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	TOTALS	
VOP-OIL PAN SLUDGE		
VOPB-OIL PAN BFL SLUDGE		
VRCBL-RC BFL SLUDGE L		
VRCBR-RC BFL SLUDGE R		
VRCL-RC SLUDGE L		
VRCR-RC SLUDGE R		
VSCALL-CAL RC BFL SLUDGE L		
VSCALR-CAL RC BFL SLUDGE R		
VTCC-TC CVR SLUDGE		
VVDL-VALVE DECK SLUDGE L		
VVDR-VALVE DECK SLUDGE R		
MAXIMUM		
MINIMUM		
RANGE(MAX-MIN)		
MEAN		
STANDARD DEVIATION		

# LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Rater= Greenland, Paul

YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	TOTALS	
VOP-OIL PAN SLUDGE	-0.38	
VOPB-OIL PAN BFL SLUDGE	-0.41	
VRCBL-RC BFL SLUDGE L	0.08	
VRCBR-RC BFL SLUDGE R	-0.94	
VRCL-RC SLUDGE L	-0.82	
VRCR-RC SLUDGE R	-0.53	
VSCALL-CAL RC BFL SLUDGE L	-0.46	
VSCALR-CAL RC BFL SLUDGE R	-1.02	
VTCC-TC CVR SLUDGE	0.21	
VVDL-VALVE DECK SLUDGE L	0.46	
VVDR-VALVE DECK SLUDGE R	1.01	
MAXIMUM	-1.02	
MINIMUM	0.08	
RANGE(MAX-MIN)	-1.100	
MEAN	-0.255	
STANDARD DEVIATION	0.630	

# LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Rater= Grundza, Richard

YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	TOTALS	
VOP-OIL PAN SLUDGE	-0.80	
VOPB-OIL PAN BFL SLUDGE	-0.29	
VRCL-RC BFL SLUDGE L	-1.50	
VRCLR-RC BFL SLUDGE R	-0.38	
VRCL-RC SLUDGE L	-1.37	
VRCLR-RC SLUDGE R	-1.18	
VSCALL-CAL RC BFL SLUDGE L		
VSCALL-CAL RC BFL SLUDGE R		
VTCC-TC CVR SLUDGE	-1.03	
VVDL-VALVE DECK SLUDGE L	-1.16	
VVDR-VALVE DECK SLUDGE R	-1.30	
MAXIMUM	-1.50	
MINIMUM	-0.29	
RANGE(MAX-MIN)	-1.210	
MEAN	-1.001	
STANDARD DEVIATION	0.428	

# LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Rater= Hills, Barry

YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	TOTALS	
VOP-OIL PAN SLUDGE	-0.52	
VOPB-OIL PAN BFL SLUDGE	-0.41	
VRCBL-RC BFL SLUDGE L	0.08	
VRCBR-RC BFL SLUDGE R	-0.94	
VRCL-RC SLUDGE L	-0.96	
VRCL-RC SLUDGE R	-0.53	
VSCALL-CAL RC BFL SLUDGE L	-0.57	
VSCALL-CAL RC BFL SLUDGE R	-1.02	
VTCC-TC CVR SLUDGE	0.21	
VVDL-VALVE DECK SLUDGE L	0.15	
VVDR-VALVE DECK SLUDGE R	1.01	
MAXIMUM	-1.02	
MINIMUM	0.08	
RANGE(MAX-MIN)	-1.100	
MEAN	-0.318	
STANDARD DEVIATION	0.622	

# LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Rater= Hurst, Kevin R.

YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	TOTALS	
VOP-OIL PAN SLUDGE	2.10	
VOPB-OIL PAN BFL SLUDGE	-0.64	
VRCL-RC BFL SLUDGE L	-0.45	
VRCLR-RC BFL SLUDGE R	1.22	
VRCL-RC SLUDGE L	0.97	
VRCLR-RC SLUDGE R	1.40	
VSCALL-CAL RC BFL SLUDGE L	-0.57	
VSCALR-CAL RC BFL SLUDGE R	-0.06	
VTCC-TC CVR SLUDGE	1.44	
VVDL-VALVE DECK SLUDGE L	1.67	
VVDR-VALVE DECK SLUDGE R	1.59	
MAXIMUM	2.10	
MINIMUM	-0.06	
RANGE(MAX-MIN)	2.160	
MEAN	0.788	
STANDARD DEVIATION	1.015	



# LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Rater= King, Jennifer

YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	TOTALS	
VOP-OIL PAN SLUDGE	0.58	
VOPB-OIL PAN BFL SLUDGE	0.52	
VRCL-RC BFL SLUDGE L	0.08	
VRCLR-RC BFL SLUDGE R	0.66	
VRCL-RC SLUDGE L	-0.41	
VRCLR-RC SLUDGE R	-0.53	
VSCALL-CAL RC BFL SLUDGE L	1.91	
VSCALR-CAL RC BFL SLUDGE R	1.88	
VTCC-TC CVR SLUDGE	-0.02	
VVDL-VALVE DECK SLUDGE L	-0.15	
VVDR-VALVE DECK SLUDGE R	-0.37	
MAXIMUM	1.91	
MINIMUM	-0.02	
RANGE(MAX-MIN)	1.930	
MEAN	0.377	
STANDARD DEVIATION	0.853	

# LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Rater= Kobrinetz, Joaquin J.

YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	TOTALS	
VOP-OIL PAN SLUDGE		
VOPB-OIL PAN BFL SLUDGE		
VRCBL-RC BFL SLUDGE L	0.47	
VRCBR-RC BFL SLUDGE R		
VRCL-RC SLUDGE L	-0.27	
VRCR-RC SLUDGE R		
VSCALL-CAL RC BFL SLUDGE L	-1.08	
VSCALR-CAL RC BFL SLUDGE R	-1.75	
VTCC-TC CVR SLUDGE	-0.24	
VVDL-VALVE DECK SLUDGE L	0.25	
VVDR-VALVE DECK SLUDGE R		
MAXIMUM	-1.75	
MINIMUM	-0.24	
RANGE(MAX-MIN)	-1.510	
MEAN	-0.437	
STANDARD DEVIATION	0.837	

# LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Rater= Kraemer, Vernon

YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	TOTALS	
VOP-OIL PAN SLUDGE	0.45	
VOPB-OIL PAN BFL SLUDGE	-0.29	
VRCL-RC BFL SLUDGE L	-0.19	
VRCLR-RC BFL SLUDGE R	0.42	
VRCL-RC SLUDGE L	-0.27	
VRCLR-RC SLUDGE R	-0.14	
VSCALL-CAL RC BFL SLUDGE L	1.19	
VSCALR-CAL RC BFL SLUDGE R	0.99	
VTCC-TC CVR SLUDGE	0.09	
VVDL-VALVE DECK SLUDGE L	0.15	
VVDR-VALVE DECK SLUDGE R	-0.14	
MAXIMUM	1.19	
MINIMUM	0.09	
RANGE(MAX-MIN)	1.100	
MEAN	0.205	
STANDARD DEVIATION	0.507	

# LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Rater= Lam, Eddie

YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	TOTALS	
VOP-OIL PAN SLUDGE		
VOPB-OIL PAN BFL SLUDGE		
VRCBL-RC BFL SLUDGE L		
VRCBR-RC BFL SLUDGE R		
VRCL-RC SLUDGE L		
VRCR-RC SLUDGE R		
VSCALL-CAL RC BFL SLUDGE L	1.08	
VSCALR-CAL RC BFL SLUDGE R		
VTCC-TC CVR SLUDGE		
VVDL-VALVE DECK SLUDGE L		
VVDR-VALVE DECK SLUDGE R		
MAXIMUM	1.08	
MINIMUM	1.08	
RANGE(MAX-MIN)	0.000	
MEAN	1.080	
STANDARD DEVIATION	0.000	

# LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Rater= Lonsway, Chris

YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	TOTALS	
VOP-OIL PAN SLUDGE	-1.49	
VOPB-OIL PAN BFL SLUDGE	-1.11	
VRCL-RC BFL SLUDGE L	0.08	
VRCLR-RC BFL SLUDGE R	-0.54	
VRCL-RC SLUDGE L	-0.68	
VRCLR-RC SLUDGE R	-0.79	
VSCALL-CAL RC BFL SLUDGE L	0.67	
VSCALR-CAL RC BFL SLUDGE R	-0.30	
VTCC-TC CVR SLUDGE	-0.58	
VVDL-VALVE DECK SLUDGE L	-1.47	
VVDR-VALVE DECK SLUDGE R	-1.99	
MAXIMUM	-1.99	
MINIMUM	0.08	
RANGE(MAX-MIN)	-2.070	
MEAN	-0.745	
STANDARD DEVIATION	0.756	

# LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Rater= Lopez, Frank

YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	TOTALS	
VOP-OIL PAN SLUDGE	0.72	
VOPB-OIL PAN BFL SLUDGE	1.11	
VRCL-RC BFL SLUDGE L	1.00	
VRCLR-RC BFL SLUDGE R	1.06	
VRCL-RC SLUDGE L	0.55	
VRCLR-RC SLUDGE R	0.11	
VSCALL-CAL RC BFL SLUDGE L	0.88	
VSCALR-CAL RC BFL SLUDGE R	1.80	
VTCC-TC CVR SLUDGE	0.54	
VVDL-VALVE DECK SLUDGE L	0.56	
VVDR-VALVE DECK SLUDGE R	0.32	
MAXIMUM	1.80	
MINIMUM	0.11	
RANGE(MAX-MIN)	1.690	
MEAN	0.786	
STANDARD DEVIATION	0.459	

# LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Rater= Lowsky, John

YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	TOTALS	
VOP-OIL PAN SLUDGE	0.03	
VOPB-OIL PAN BFL SLUDGE	-0.29	
VRCL-RC BFL SLUDGE L	-1.24	
VRCLR-RC BFL SLUDGE R	-0.38	
VRCL-RC SLUDGE L	0.28	
VRCLR-RC SLUDGE R	-0.53	
VSCALL-CAL RC BFL SLUDGE L	0.05	
VSCALR-CAL RC BFL SLUDGE R	-0.14	
VTCC-TC CVR SLUDGE	0.32	
VVDL-VALVE DECK SLUDGE L	1.26	
VVDR-VALVE DECK SLUDGE R	0.67	
MAXIMUM	1.26	
MINIMUM	0.03	
RANGE(MAX-MIN)	1.230	
MEAN	0.003	
STANDARD DEVIATION	0.655	

# LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Rater= May, Marianne

YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	TOTALS	
VOP-OIL PAN SLUDGE	-0.11	
VOPB-OIL PAN BFL SLUDGE	0.41	
VRCL-RC BFL SLUDGE L	-0.32	
VRCLR-RC BFL SLUDGE R	0.34	
VRCL-RC SLUDGE L	-0.41	
VRCLR-RC SLUDGE R	-0.53	
VSCALL-CAL RC BFL SLUDGE L	-0.26	
VSCALR-CAL RC BFL SLUDGE R	-0.22	
VTCC-TC CVR SLUDGE	-0.36	
VVDL-VALVE DECK SLUDGE L	-0.25	
VVDR-VALVE DECK SLUDGE R	-0.14	
MAXIMUM	-0.53	
MINIMUM	-0.11	
RANGE(MAX-MIN)	-0.420	
MEAN	-0.168	
STANDARD DEVIATION	0.294	



# LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Rater= Pitta, Jimmy

YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	TOTALS	
VOP-OIL PAN SLUDGE		
VOPB-OIL PAN BFL SLUDGE		
VRCBL-RC BFL SLUDGE L		
VRCBR-RC BFL SLUDGE R		
VRCL-RC SLUDGE L		
VRCL-RC SLUDGE R		
VSCALL-CAL RC BFL SLUDGE L		
VSCALR-CAL RC BFL SLUDGE R		
VTCC-TC CVR SLUDGE		
VVDL-VALVE DECK SLUDGE L		
VVDR-VALVE DECK SLUDGE R		
MAXIMUM		
MINIMUM		
RANGE(MAX-MIN)		
MEAN		
STANDARD DEVIATION		

# LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Rater= Potocar, William P

YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	TOTALS	
VOP-OIL PAN SLUDGE	0.45	
VOPB-OIL PAN BFL SLUDGE	-0.17	
VRCBL-RC BFL SLUDGE L	0.21	
VRCBR-RC BFL SLUDGE R	-0.22	
VRCL-RC SLUDGE L	-0.41	
VRCL-RC SLUDGE R	0.63	
VSCALL-CAL RC BFL SLUDGE L	-0.77	
VSCALL-CAL RC BFL SLUDGE R	1.15	
VTCC-TC CVR SLUDGE	-0.69	
VVDL-VALVE DECK SLUDGE L	-0.66	
VVDR-VALVE DECK SLUDGE R	-0.49	
MAXIMUM	1.15	
MINIMUM	-0.17	
RANGE(MAX-MIN)	1.320	
MEAN	-0.088	
STANDARD DEVIATION	0.622	

# LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Rater= Ramirez, Ray

YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	TOTALS	
VOP-OIL PAN SLUDGE		
VOPB-OIL PAN BFL SLUDGE		
VRCBL-RC BFL SLUDGE L		
VRCBR-RC BFL SLUDGE R		
VRCL-RC SLUDGE L		
VRCL-RC SLUDGE R		
VSCALL-CAL RC BFL SLUDGE L		
VSCALR-CAL RC BFL SLUDGE R		
VTCC-TC CVR SLUDGE		
VVDL-VALVE DECK SLUDGE L		
VVDR-VALVE DECK SLUDGE R		
MAXIMUM		
MINIMUM		
RANGE(MAX-MIN)		
MEAN		
STANDARD DEVIATION		

# LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Rater= Rodriguez, Jesus (Jesse)

YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	TOTALS	
VOP-OIL PAN SLUDGE	-0.52	
VOPB-OIL PAN BFL SLUDGE	0.52	
VRCBL-RC BFL SLUDGE L	1.78	
VRCBR-RC BFL SLUDGE R	-0.14	
VRCL-RC SLUDGE L	1.65	
VRCR-RC SLUDGE R	0.89	
VSCALL-CAL RC BFL SLUDGE L	-0.67	
VSCALR-CAL RC BFL SLUDGE R	0.18	
VTCC-TC CVR SLUDGE	0.88	
VVDL-VALVE DECK SLUDGE L	1.47	
VVDR-VALVE DECK SLUDGE R	0.32	
MAXIMUM	1.78	
MINIMUM	-0.14	
RANGE(MAX-MIN)	1.920	
MEAN	0.578	
STANDARD DEVIATION	0.842	

# LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Rater= Sanchez, Arthur

YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	TOTALS	
VOP-OIL PAN SLUDGE	0.17	
VOPB-OIL PAN BFL SLUDGE	1.11	
VRCL-RC BFL SLUDGE L	-0.19	
VRCLR-RC BFL SLUDGE R	-0.22	
VRCL-RC SLUDGE L	0.28	
VRCLR-RC SLUDGE R	1.53	
VSCALL-CAL RC BFL SLUDGE L	-0.15	
VSCALR-CAL RC BFL SLUDGE R	-0.22	
VTCC-TC CVR SLUDGE	-0.24	
VVDL-VALVE DECK SLUDGE L	1.47	
VVDR-VALVE DECK SLUDGE R	0.78	
MAXIMUM	1.53	
MINIMUM	-0.15	
RANGE(MAX-MIN)	1.680	
MEAN	0.393	
STANDARD DEVIATION	0.705	

# LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Rater= Terrado, Ken

YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	TOTALS	
VOP-OIL PAN SLUDGE		
VOPB-OIL PAN BFL SLUDGE		
VRCBL-RC BFL SLUDGE L	-0.58	
VRCBR-RC BFL SLUDGE R		
VRCL-RC SLUDGE L		
VRCR-RC SLUDGE R		
VSCALL-CAL RC BFL SLUDGE L		
VSCALR-CAL RC BFL SLUDGE R		
VTCC-TC CVR SLUDGE	0.77	
VVDL-VALVE DECK SLUDGE L		
VVDR-VALVE DECK SLUDGE R		
MAXIMUM	0.77	
MINIMUM	-0.58	
RANGE(MAX-MIN)	1.350	
MEAN	0.095	
STANDARD DEVIATION	0.955	

# LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Rater= Trevino, Bobby

YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	TOTALS	
VOP-OIL PAN SLUDGE	1.27	
VOPB-OIL PAN BFL SLUDGE	0.87	
VRCL-RC BFL SLUDGE L	0.08	
VRCLR-RC BFL SLUDGE R	0.42	
VRCL-RC SLUDGE L	0.00	
VRCLR-RC SLUDGE R	-0.53	
VSCALL-CAL RC BFL SLUDGE L	0.46	
VSCALR-CAL RC BFL SLUDGE R	0.67	
VTCC-TC CVR SLUDGE	0.43	
VVDL-VALVE DECK SLUDGE L	-0.46	
VVDR-VALVE DECK SLUDGE R	-0.60	
MAXIMUM	1.27	
MINIMUM	0.00	
RANGE(MAX-MIN)	1.270	
MEAN	0.237	
STANDARD DEVIATION	0.603	

# LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Rater= Veiga, Victor

YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	TOTALS	
VOP-OIL PAN SLUDGE	-1.62	
VOPB-OIL PAN BFL SLUDGE	0.99	
VRCL-RC BFL SLUDGE L	-1.50	
VRCLR-RC BFL SLUDGE R	-2.39	
VRCL-RC SLUDGE L	0.55	
VRCLR-RC SLUDGE R	-2.46	
VSCALL-CAL RC BFL SLUDGE L	-1.08	
VSCALR-CAL RC BFL SLUDGE R	0.51	
VTCC-TC CVR SLUDGE	-0.81	
VVDL-VALVE DECK SLUDGE L	-1.06	
VVDR-VALVE DECK SLUDGE R	-1.93	
MAXIMUM	-2.46	
MINIMUM	0.51	
RANGE(MAX-MIN)	-2.970	
MEAN	-0.982	
STANDARD DEVIATION	1.194	



# LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Rater= Viera, Ralph B.

YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	TOTALS	
VOP-OIL PAN SLUDGE	-1.21	
VOPB-OIL PAN BFL SLUDGE	-1.69	
VRCL-RC BFL SLUDGE L	1.39	
VRCLR-RC BFL SLUDGE R	1.14	
VRCL-RC SLUDGE L	-2.06	
VRCLR-RC SLUDGE R	0.24	
VSCALL-CAL RC BFL SLUDGE L	0.05	
VSCALR-CAL RC BFL SLUDGE R	0.27	
VTCC-TC CVR SLUDGE	-1.59	
VVDL-VALVE DECK SLUDGE L	-1.97	
VVDR-VALVE DECK SLUDGE R	-0.89	
MAXIMUM	-2.06	
MINIMUM	0.05	
RANGE(MAX-MIN)	-2.110	
MEAN	-0.575	
STANDARD DEVIATION	1.245	

# LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Rater= Zalewski, John

YI Values

\* Denotes parameters not used in Blue, Red, White & Yellow assessment

PartID	TOTALS	
VOP-OIL PAN SLUDGE	1.14	
VOPB-OIL PAN BFL SLUDGE	0.52	
VRCL-RC BFL SLUDGE L	-0.05	
VRCLR-RC BFL SLUDGE R	0.42	
VRCL-RC SLUDGE L	0.28	
VRCLR-RC SLUDGE R	-0.40	
VSCALL-CAL RC BFL SLUDGE L	0.67	
VSCALR-CAL RC BFL SLUDGE R	0.67	
VTCC-TC CVR SLUDGE	0.32	
VVDL-VALVE DECK SLUDGE L	-0.86	
VVDR-VALVE DECK SLUDGE R	0.03	
MAXIMUM	1.14	
MINIMUM	0.03	
RANGE(MAX-MIN)	1.110	
MEAN	0.249	
STANDARD DEVIATION	0.552	

# LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

## Light Duty Piston Deposits

Rater	Parts Rated	-1<yi<=1	-2<yi<=2	-3<yi<=3	>3	Yi STD	Group	Group Color
Adams, Patrick	13	72.3%	94.7%	100.0%	0.0%	0.89	WHITE	
Aguirre, Nancy P	8	76.6%	92.2%	100.0%	0.0%	0.92	WHITE	
Arrizon, Richard	7	89.3%	100.0%	100.0%	0.0%	0.68	BLUE	
Barrera, Tony	11	82.1%	98.8%	100.0%	0.0%	0.72	RED	
Cales, Jonathon	14	73.7%	99.0%	100.0%	0.0%	0.87	WHITE	
Campbell, Bryan	10	48.6%	82.9%	100.0%	0.0%	1.35	YELLOW	
Caproni, David	13	71.3%	93.6%	100.0%	0.0%	0.97	WHITE	
Castillo, George	12	85.4%	98.9%	100.0%	0.0%	0.70	BLUE	
Cumberworth, Lee	19	64.2%	97.8%	100.0%	0.0%	0.98	WHITE	
DeCapite, Vanessa	15	70.2%	94.2%	100.0%	0.0%	0.94	WHITE	
Foecking, Brian	14	76.8%	100.0%	100.0%	0.0%	0.80	WHITE	
Fujita, Hirokazu	8	82.5%	98.4%	100.0%	0.0%	0.69	RED	
Greenland, Paul	14	74.8%	99.0%	100.0%	0.0%	0.88	WHITE	
Hills, Barry	15	69.1%	96.4%	100.0%	0.0%	0.94	WHITE	
Hurst, Kevin R.	17	82.1%	96.8%	100.0%	0.0%	0.80	RED	
King, Jennifer	12	76.1%	95.7%	100.0%	0.0%	0.78	WHITE	
Kobrinetz, Joaquin J.	9	93.9%	100.0%	100.0%	0.0%	0.52	BLUE	
Kraemer, Vernon	10	53.2%	84.8%	98.7%	1.3%	1.23	YELLOW	
Lam, Eddie	12	71.4%	92.9%	100.0%	0.0%	1.03	WHITE	
Lonsway, Chris	14	75.8%	99.0%	100.0%	0.0%	0.76	WHITE	
Lopez, Frank	14	80.8%	99.0%	100.0%	0.0%	0.78	RED	
Lowsky, John	22	57.1%	93.9%	99.4%	0.6%	1.05	YELLOW	
May, Marianne	13	83.3%	100.0%	100.0%	0.0%	0.73	RED	
Pitta, Jimmy	10	80.5%	98.7%	100.0%	0.0%	0.77	RED	
Potocar, William P	14	65.7%	98.0%	100.0%	0.0%	0.76	WHITE	
Ramirez, Ray	7	64.6%	89.6%	97.9%	2.1%	1.11	YELLOW	
Rodriguez, Jesus (Jesse)	14	82.8%	99.0%	100.0%	0.0%	0.73	RED	
Sanchez, Arthur	14	59.6%	86.9%	100.0%	0.0%	1.22	YELLOW	
Terrado, Ken	9	55.7%	92.9%	100.0%	0.0%	0.96	YELLOW	
Trevino, Bobby	8	85.9%	98.4%	100.0%	0.0%	0.64	BLUE	
Veiga, Victor	18	77.9%	98.5%	100.0%	0.0%	0.79	WHITE	
Viera, Ralph B.	12	65.9%	95.3%	96.5%	3.5%	1.11	WHITE	
Zalewski, John	15	65.1%	91.5%	100.0%	0.0%	1.04	WHITE	
Grundza, Richard	4	48.3%	86.2%	100.0%	0.0%	1.33	N/A	

### Group Criteria

	Minimum Number of Parts Rated	Minimum Yi's Within 1 STD of mean	Minimum Yi's Within 2 STD of mean	Maximum Overall Yi STD	Group Totals	
White	6	60%	90%	1.20	16	48%
Red	6	80%	95%	0.85	7	21%
Blue	6	85%	98%	0.75	4	12%
Yellow	-	-	-	-	6	18%

LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Sequence V Varnish

Rater	Parts Rated	-1<yi<=1	-2<yi<=2	-3<yi<=3	>3	Yi STD	Group	Group Color
Adams, Patrick	28	64.3%	100.0%	100.0%	0.0%	0.70	WHITE	
Aguirre, Nancy P	28	85.7%	100.0%	100.0%	0.0%	0.73	BLUE	
Barrera, Tony	36	94.4%	100.0%	100.0%	0.0%	0.48	BLUE	
Cales, Jonathon	28	82.1%	100.0%	100.0%	0.0%	0.66	RED	
Campbell, Bryan	27	14.8%	74.1%	100.0%	0.0%	0.69	YELLOW	
Caproni, David	28	89.3%	100.0%	100.0%	0.0%	0.56	BLUE	
Castillo, George	28	89.3%	100.0%	100.0%	0.0%	0.55	BLUE	
Cumberworth, Lee	28	89.3%	100.0%	100.0%	0.0%	0.62	BLUE	
DeCapite, Vanessa	28	71.4%	100.0%	100.0%	0.0%	0.60	WHITE	
Foecking, Brian	28	85.7%	100.0%	100.0%	0.0%	0.61	BLUE	
Greenland, Paul	24	95.8%	100.0%	100.0%	0.0%	0.47	BLUE	
Hills, Barry	28	89.3%	100.0%	100.0%	0.0%	0.63	BLUE	
Hurst, Kevin R.	28	64.3%	100.0%	100.0%	0.0%	0.50	WHITE	
King, Jennifer	28	53.6%	92.9%	100.0%	0.0%	0.52	YELLOW	
Kobrinetz, Joaquin J.	27	88.9%	100.0%	100.0%	0.0%	0.58	BLUE	
Kraemer, Vernon	28	39.3%	89.3%	100.0%	0.0%	1.02	YELLOW	
Lam, Eddie	9	33.3%	100.0%	100.0%	0.0%	0.66	YELLOW	
Lonsway, Chris	36	69.4%	100.0%	100.0%	0.0%	0.68	WHITE	
Lopez, Frank	28	92.9%	100.0%	100.0%	0.0%	0.47	BLUE	
Lowsky, John	28	28.6%	82.1%	100.0%	0.0%	1.18	YELLOW	
May, Marianne	36	100.0%	100.0%	100.0%	0.0%	0.37	BLUE	
Potocar, William P	28	71.4%	96.4%	100.0%	0.0%	0.71	WHITE	
Ramirez, Ray	12	0.0%	16.7%	83.3%	16.7%	0.52	YELLOW	
Rodriguez, Jesus (Jesse)	28	57.1%	85.7%	100.0%	0.0%	1.10	YELLOW	
Sanchez, Arthur	28	85.7%	100.0%	100.0%	0.0%	0.50	BLUE	
Terrado, Ken	1	100.0%	100.0%	100.0%	0.0%	0.00	N/A	
Trevino, Bobby	28	100.0%	100.0%	100.0%	0.0%	0.36	BLUE	
Veiga, Victor	28	14.3%	82.1%	100.0%	0.0%	1.04	YELLOW	
Viera, Ralph B.	28	78.6%	100.0%	100.0%	0.0%	0.84	WHITE	
Zalewski, John	28	60.7%	96.4%	100.0%	0.0%	0.60	WHITE	
Grundza, Richard	12	100.0%	100.0%	100.0%	0.0%	0.27	BLUE	

Group Criteria

	Minimum Number of Parts Rated	Minimum Yi's Within 1 STD of mean	Minimum Yi's Within 2 STD of mean	Maximum Overall Yi STD	Group Totals	
White	6	60%	90%	1.20	7	23%
Red	6	80%	95%	0.85	1	3%
Blue	6	85%	98%	0.75	14	47%
Yellow	-	-	-	-	8	27%

# LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

## Induction & Combustion Deposits

Rater	Parts Rated	-1<yi<=1	-2<yi<=2	-3<yi<=3	>3	Yi STD	Group	Group Color
Adams, Patrick	1	100.0%	100.0%	100.0%	0.0%	0.05	N/A	
Barrera, Tony	14	58.3%	97.2%	100.0%	0.0%	1.03	YELLOW	
Campbell, Bryan	6	42.9%	100.0%	100.0%	0.0%	1.14	YELLOW	
Castillo, George	11	41.7%	100.0%	100.0%	0.0%	0.54	YELLOW	
Cumberworth, Lee	6	35.7%	89.3%	100.0%	0.0%	0.99	YELLOW	
DeCapite, Vanessa	3	66.7%	94.4%	100.0%	0.0%	0.70	N/A	
Foecking, Brian	14	83.3%	100.0%	100.0%	0.0%	0.74	RED	
King, Jennifer	3	100.0%	100.0%	100.0%	0.0%	0.69	N/A	
Kobrinetz, Joaquin J.	4	66.7%	100.0%	100.0%	0.0%	0.97	N/A	
Kraemer, Vernon	11	91.7%	100.0%	100.0%	0.0%	0.54	BLUE	
Lonsway, Chris	10	79.2%	100.0%	100.0%	0.0%	0.63	WHITE	
Lopez, Frank	14	77.8%	97.2%	100.0%	0.0%	0.75	WHITE	
Lowsky, John	14	61.1%	100.0%	100.0%	0.0%	0.86	WHITE	
May, Marianne	1	50.0%	100.0%	100.0%	0.0%	0.48	N/A	
Pitta, Jimmy	3	100.0%	100.0%	100.0%	0.0%	0.51	N/A	
Potocar, William P	1	50.0%	100.0%	100.0%	0.0%	0.37	N/A	
Rodriguez, Jesus (Jesse)	14	58.3%	94.4%	100.0%	0.0%	1.01	YELLOW	
Sanchez, Arthur	14	80.6%	97.2%	100.0%	0.0%	0.74	RED	
Trevino, Bobby	11	88.9%	100.0%	100.0%	0.0%	0.63	BLUE	
Veiga, Victor	3	58.3%	100.0%	100.0%	0.0%	0.76	N/A	
Viera, Ralph B.	4	76.9%	100.0%	100.0%	0.0%	0.86	N/A	
Zalewski, John	12	55.9%	100.0%	100.0%	0.0%	0.51	YELLOW	

### Group Criteria

	Minimum Number of Parts Rated	Minimum Yi's Within 1 STD of mean	Minimum Yi's Within 2 STD of mean	Maximum Overall Yi STD	Group Totals	
White	6	60%	90%	1.20	3	23%
Red	6	80%	95%	0.85	2	15%
Blue	6	85%	98%	0.75	2	15%
Yellow	-	-	-	-	6	46%

LIGHT DUTY RATING WORKSHOP (2014 APR 8-10)

Sequence V Sludge

Rater	Parts Rated	-1<yi<=1	-2<yi<=2	-3<yi<=3	>3	Yi STD	Group	Group Color
Adams, Patrick	11	90.9%	100.0%	100.0%	0.0%	0.57	BLUE	
Aguirre, Nancy P	11	63.6%	100.0%	100.0%	0.0%	0.54	WHITE	
Barrera, Tony	11	36.4%	72.7%	100.0%	0.0%	0.72	YELLOW	
Cales, Jonathon	11	72.7%	100.0%	100.0%	0.0%	0.81	WHITE	
Campbell, Bryan	6	66.7%	83.3%	100.0%	0.0%	1.27	YELLOW	
Caproni, David	11	72.7%	100.0%	100.0%	0.0%	0.87	WHITE	
Castillo, George	11	63.6%	100.0%	100.0%	0.0%	0.76	WHITE	
Cumberworth, Lee	11	18.2%	63.6%	90.9%	9.1%	0.83	YELLOW	
DeCapite, Vanessa	11	63.6%	100.0%	100.0%	0.0%	1.00	WHITE	
Foecking, Brian	11	90.9%	100.0%	100.0%	0.0%	0.73	BLUE	
Greenland, Paul	11	81.8%	100.0%	100.0%	0.0%	0.63	RED	
Hills, Barry	11	81.8%	100.0%	100.0%	0.0%	0.62	RED	
Hurst, Kevin R.	11	45.5%	90.9%	100.0%	0.0%	1.01	YELLOW	
King, Jennifer	11	81.8%	100.0%	100.0%	0.0%	0.85	WHITE	
Kobrinetz, Joaquin J.	6	66.7%	100.0%	100.0%	0.0%	0.84	WHITE	
Kraemer, Vernon	11	90.9%	100.0%	100.0%	0.0%	0.51	BLUE	
Lam, Eddie	1	0.0%	100.0%	100.0%	0.0%	0.00	N/A	
Lonsway, Chris	11	63.6%	100.0%	100.0%	0.0%	0.76	WHITE	
Lopez, Frank	11	72.7%	100.0%	100.0%	0.0%	0.46	WHITE	
Lowsky, John	11	81.8%	100.0%	100.0%	0.0%	0.66	RED	
May, Marianne	11	100.0%	100.0%	100.0%	0.0%	0.29	BLUE	
Potocar, William P	11	90.9%	100.0%	100.0%	0.0%	0.62	BLUE	
Rodriguez, Jesus (Jesse)	11	72.7%	100.0%	100.0%	0.0%	0.84	WHITE	
Sanchez, Arthur	11	72.7%	100.0%	100.0%	0.0%	0.71	WHITE	
Terrado, Ken	2	100.0%	100.0%	100.0%	0.0%	0.95	N/A	
Trevino, Bobby	11	90.9%	100.0%	100.0%	0.0%	0.60	BLUE	
Veiga, Victor	11	36.4%	81.8%	100.0%	0.0%	1.20	YELLOW	
Viera, Ralph B.	11	36.4%	90.9%	100.0%	0.0%	1.25	YELLOW	
Zalewski, John	11	90.9%	100.0%	100.0%	0.0%	0.55	BLUE	
Grundza, Richard	9	33.3%	100.0%	100.0%	0.0%	0.43	YELLOW	

Group Criteria

	Minimum Number of Parts Rated	Minimum Yi's Within 1 STD of mean	Minimum Yi's Within 2 STD of mean	Maximum Overall Yi STD	Group Totals	
White	6	60%	90%	1.20	11	39%
Red	6	80%	95%	0.85	3	11%
Blue	6	85%	98%	0.75	7	25%
Yellow	-	-	-	-	7	25%