



Test Monitoring Center

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

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

May 18, 2011

To Participants of the ASTM International Light Duty Rating Workshop:

The ASTM International Light Duty Rating Workshop was held on April 26-28, 2011 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

Richard E. Grundza
Workshop Coordinator

Light Duty Rating Workshop

April 26-28, 2011

San Antonio, Texas

Tuesday, April 26, 2010

The workshop began at 8:30am with 28 raters in attendance (see sign-in sheet). Michael Kasimirsky gave some opening remarks on the format of the workshop. Special thanks were given to Tony Barrera of Intertek Automotive Research for all his help in gathering the parts used at the workshop. Jeff Clark also gave a brief presentation on the new ASTM Rater Certificate Program being offered as part of the Rating Workshops.

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.

At 10:00am, the group began rating the Preliminary Exercise.

At 12:00pm, the group adjourned for lunch.

At 12:45pm, the group returned to finish up the rating of the Preliminary Exercise.

At 3:00pm, the group reviewed the Preliminary Exercise rating data.

At 4:30pm, the group began rating the Practical Application exercise.

At 6:00pm, the group adjourned for the evening.

Wednesday, April 27, 2010

Rating of the Practical Application exercise parts continued all day, with a break for lunch at noon. The room was opened at 7:00am and closed at 5:30pm for the day.

Thursday, April 28, 2010

In the morning, the group finished rating the Practical Application exercise parts and finished up data entry.

At 12:00pm, the group adjourned for lunch.

At 1:00pm, the group reviewed the Practical Application exercise data.

At 4:25pm, the workshop concluded.

The next Heavy Duty Rating Workshop will be held on October 4-6, 2011 at this same location. The next Light Duty Rating Workshop will be held on April 17-19, 2012, at this same location.

Discussions

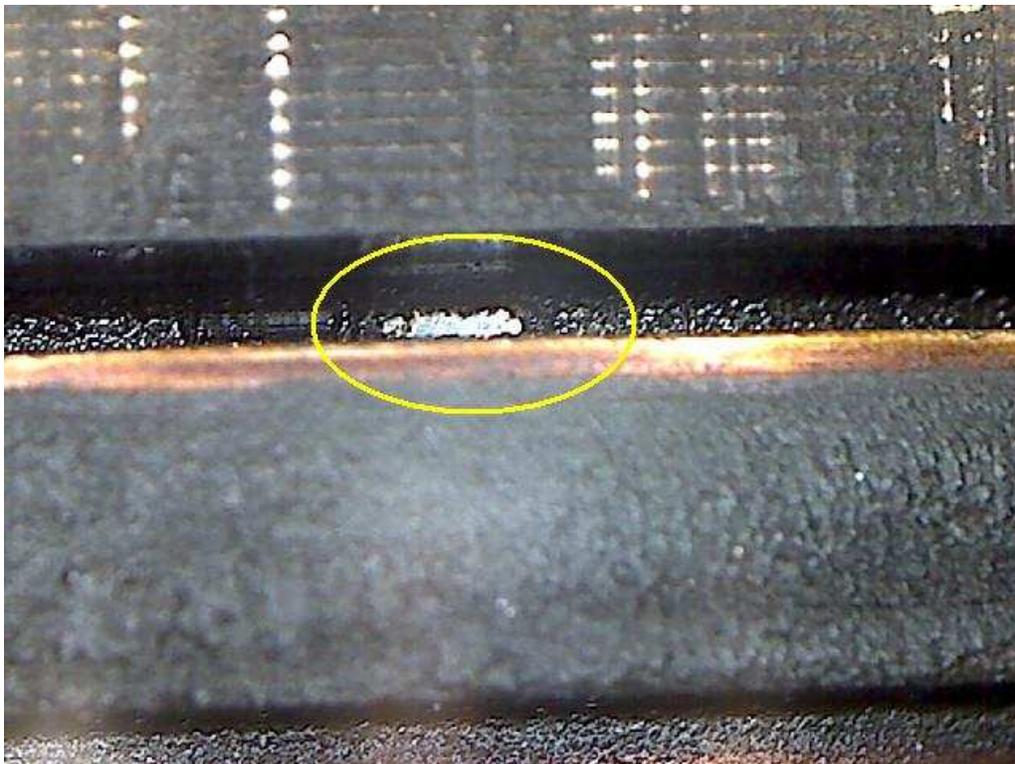
Rating only the Deposits Present

During the Practical Applications data review, there was some significant discussion regarding the rating of Groove 1 on Piston B6. Three example photos of the deposits found in this groove are shown below:

Light Duty Rating Workshop

April 26-28, 2011

San Antonio, Texas



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In all three example photos, the example area (circled in yellow on all three photos) shows areas with visible metal showing through the carbon deposits present on the piston. *Note that the area appears shiny due to reflection of the light source off of the aluminum piston surface; it is NOT a reflection off of a polished, heavy carbon surface.* These spots of removed/flaked carbon are present throughout the first ring groove on piston B6. A review of the full groove found at least 10 such spots where the carbon deposits had flaked off of the piston, leaving exposed aluminum.

Speculation amongst the attendees was that the missing carbon was a result of someone picking at the carbon in the groove to determine the depth of the deposit present. *(Note that this did NOT take place during the Rating Workshop, but rather was present on the part before it was donated for use at the workshop.)* However, the source of the flaked carbon was not the issue of discussion, but rather, how those deposits should have been rated.

A review of the results obtained on Groove 1 of Piston B6 (found later in this document) shows that seven out of the 11 raters who rated this part called those deposits 100% light carbon. From page 5 of TMC Manual 20:

“In general, parts to be rated should be rated in an “as is” condition, with no provision made to interpret deposits that may have been lost in disassembly or handling.”

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The photographs, and the part itself, clearly show that the groove is not 100% filled with light carbon. As such, any rating calling that groove 100% filled is not being performed in accordance with the requirements listed in TMC Manual 20.

Rating Booth Lighting Survey

It was recently brought to the attention of the ASTM Deposit/Distress Rating Methods Advisory Panel that the lighting specifications listed in TMC Manual 20 can not be met by any commonly available light bulb. As such, the panel requested that a survey of the industry be conducted to determine what is currently in use and if a standardized replacement can be identified. All participants were given a survey form to complete and return to the TMC with information regarding the lamps used in each of the lab's rating booths. Once completed, the data will be summarized and returned to the ASTM Deposit/Distress Rating Methods Advisory Panel for their consideration and action.

Single Annual Workshop

At the start of the workshop, there was some discussion regarding moving to a single, all-inclusive workshop format, instead of the current annual Light Duty and Heavy Duty Rating Workshops. No action was taken on the idea at this time, but it will be investigated further for future workshops.

Two Room Workshop Format

As part of moving to a single-session workshop format for 2011, a second conference room was secured to allow one room to contain the rating booths and the second room was set up in classroom style as a work area. Much positive feedback was received on the larger layout and additional space it offered the attendees. Upcoming workshops will continue this two room format for the foreseeable future.

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

Notes on the Data

Following is the data produced during the April 26-28, 2011, 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 2011

Sign-In Sheet

- Adams, Patrick
- Sanchez, Arthur
- Foecking, Brian
- Trevino, Bobby
- Campbell, Bryan
- Cales, Jonathon
- Caproni, David
- Lonsway, Chris
- Swanson, Dennis
- Lopez, Frank
- Castillo, George
- Fujita, Hirokazu
- Kobrinetz, Joaquin J.
- Rodriguez, Jesus (Jesse)
- Pitta, Jimmy
- Lowsky, John
- Skuzinski, John
- Zalewski, John
- Hurst, Kevin R.
- May, Marianne
- Greenland, Paul
- Radonich, Pete
- Cumberworth, Lee
- Viera, Ralph B.
- Seiz, Ray
- Avis, Steven
- Brooke, Tim
- Barrera, Tony
- Sanchez, Wilhelm

Patrick Adams
Arthur Sanchez
Brian Foecking
Bobby Trevino
Bryan Campbell
Jonathon Cales
David Caproni
Chris Lonsway
Dennis Swanson
Frank Lopez
George Castillo
Hirokazu Fujita
Joaquin J. Kobrinetz
Jesus Rodriguez
Jimmy Pitta
John Lowsky
John Skuzinski
John Zalewski
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Wilhelm Sanchez

Light Duty Rating Workshop

April 2011



Volunteers

- Tony Barrera & Entire Intertek Staff for their Support
 - Thank you!!!



Rating Workshop Server Info

- To access the workshop server, access the wireless network called “Rating Workshop”
- Enter your *username* (in red on the summary page in your packet) in the “password” field on the entry screen.
- Make sure your web browser is using “compatibility mode” before you start entering data.
- If individual ratings do not auto-calculate, **stop and get help before entering additional data!**



Rating Manuals

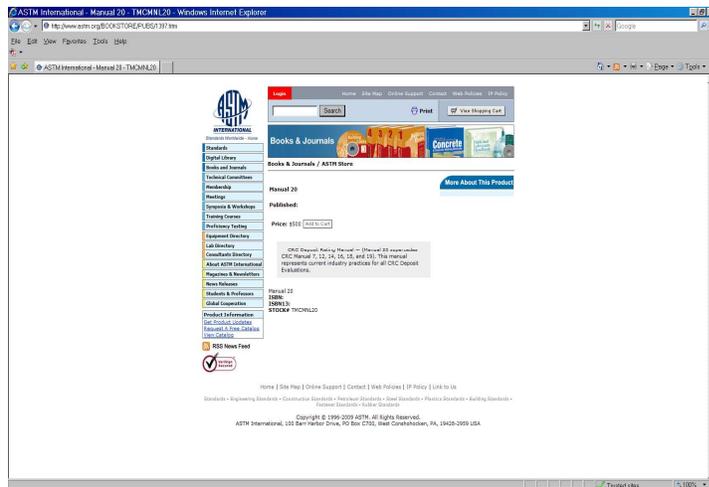
ASTM Headquarters supplies:

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

Go to : WWW.ASTM.ORG



Rating Manuals 20 & 21



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.



Workshop Format

- Calibration Exercise
 - Sludge Parts
 - Two Rocker Cover Baffles
 - Varnish Parts
 - 4 “Composite” Pistons
 - 4 sets of “calibration” Seq. V pistons (4 pistons)
 - Two Rocker Cover Baffles
 - 2 “Non-standard” pistons
 - Intake Valves & Piston Tops (2 of each)
- Data Review & Discussion



Workshop Format (Continued)

- Practical Application
 - Deposits (15 Sequence III, 6 square-cut, 3 “non-standard”)
 - PSV (4 Sequence V piston sets [8 pistons per set])
 - Varnish
 - Right & Left Rocker Cover Baffle
 - Sludge (Sequence V)
 - Right & Left Rocker Cover
 - Right & Left Rocker Cover Baffle
 - Front Cover
 - Oil Pan & Baffle
 - Right & Left Valve Deck



Workshop Format (Continued)

- Practical Application (continued)
 - Piston Tops (8)
 - Intake Valves (3 sets of 8 valves)
 - Oil Screen
- Data Review & Discussion



Parts Assignments

- Calibration Exercise
 - Two “Composite” pistons
 - Two set of Sequence V pistons
 - Two “non-standard” pistons
- Practical Application
 - One Set of “Lettered” parts (A, B, C)
 - Two Sets of Sequence V pistons
 - Two “non-standard” 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.



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.
- Deposits can be rated as:
 - 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

- **Merits** – Where 10.0 represents the absence of deposits (clean) and maximum deposit equals 0.0



CRC Manual 20 “Clean” Search

1. The CRC Sludge Depth Scale defines clean as “the absence of deposit” other than normal oil film Page 23.
2. 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.



Manual 20 (Page 77 Excerpts)

- **Deposit** – Any presence of material that has intensity (color) or depth. Excluding corrosion.
- **Varnish** – Has very little depth and a hard satin sheen or lustrous surface, most readily definable by color intensity.
- **Carbon** – Definable by thickness or volume and texture. It is usually non-lustrous, except when rubbed smooth between adjoining parts. It can be any color and is not limited to black, brown, or gray.
- **Merits** – Where 10.0 represents the absence of deposits (clean) and maximum deposit equals 0.0



Deposits Types

- **Varnish** – Has very little depth and a hard satin sheen or lustrous surface, most readily definable by color intensity.
- **Carbon** – Definable by thickness or volume and texture. It is usually non-lustrous, except when rubbed smooth between adjoining parts. It can be any color and is not limited to black, brown, or gray.



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.



Carbon Definitions

- Carbon – Two General Types
 - Non-Rubbed Carbon Deposits - those carbon deposits that can form in and on those pieces of hardware that do not move or do not have motion relative to a mating or adjoining surface. Examples may include, but are not limited to, induction systems, combustion chambers, and piston tops.
 - Rubbed Carbon Deposits – those carbon deposits that can form in and on those pieces of hardware whose motion is relative to a mating or adjoining surface and whose clearance tolerances are such that the deposits can fill all of the available space.



Carbon & Sludge Page 19

- Carbon and sludge 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

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, HC & LC.

For this workshop, MC is only used on the "Square Cut" pistons.



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.



Oil Screen

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



Oil Screen Discussion

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



Rating Booth Lighting Survey

April 2011



Manual 20 Lighting Requirements

Manual 20 contains the following information on the lighting requirements for a rating booth, on pages 15 and 16, respectively:

The recommended illumination should be by “cool white” type fluorescent lighting with approximately 4500°K color temperature and a minimum illumination level of 200 foot-candles (2150 lx). If fluorescent lighting is unavailable, use daylight.

- Piston rating lamp in the booth:
 - a) suggested 22-watt cool-white circular fluorescent tube
 - b) white fixture



Lighting Specifications

- The lighting specifications listed in Manual 20 cannot be met by any commercially-available lamp on the market today.
- The enclosed survey is to try and quantify what everyone is using in place of the specified lighting equipment.





Test Monitoring Center

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6555 Penn Avenue, Pittsburgh, PA 15206, USA

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

Rating Booth Lighting Survey

It has recently been brought to our attention that the lighting requirements for rating booths listed in TMC Rating Manual 20 are outdated and cannot be met by any known commercial bulbs and fixtures. As such, we have been asked to conduct a survey of the industry on the lighting currently used for rating.

Please fill out one copy of this survey for each of the rating booths in your laboratory. Make additional copies of this survey form, as necessary; one for each rating booth.

Fax the completed survey results to the TMC at 412-365-1047.

Name: _____ Phone: _____

Lab: _____

Booth Number: _____ (Note that this is only to identify different booths within a lab)

Bulb Type: (circle one) Single-bulb Round Twin-bulb Straight

Light Bulb Data:

Manufacturer: _____

Manufacturer Part Number: _____

Light Type: _____ (Soft White, Cool White, Daylight, etc.)

Bulb Wattage: _____

Color Temperature: _____ (if known)

Light Output, in lumens: _____ (if known)

Vendor purchased from: _____

Vendor part number: _____

Length of time this type of bulb has been used for rating in this booth: _____

Test types rated in this booth (list all that apply): _____

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

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

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

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

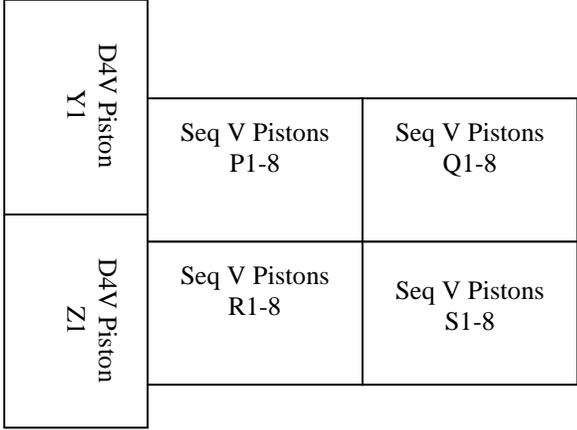
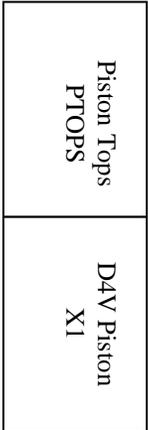
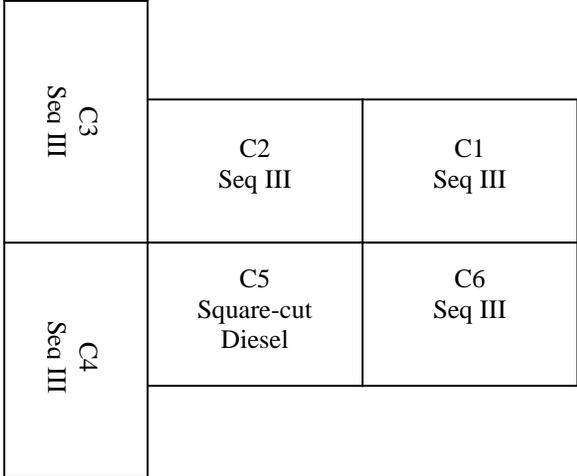
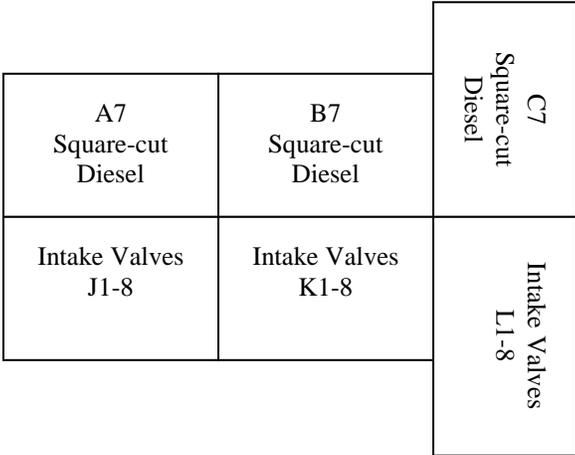
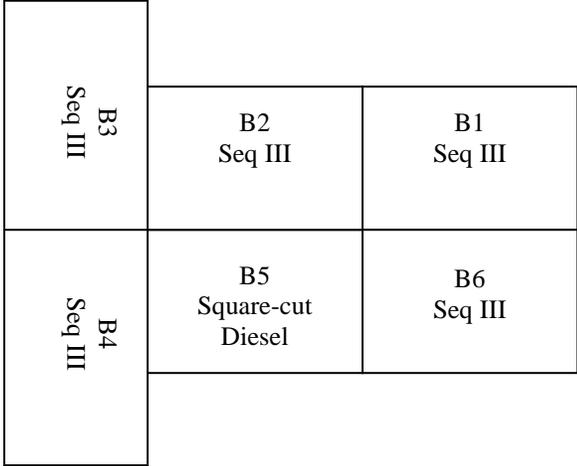
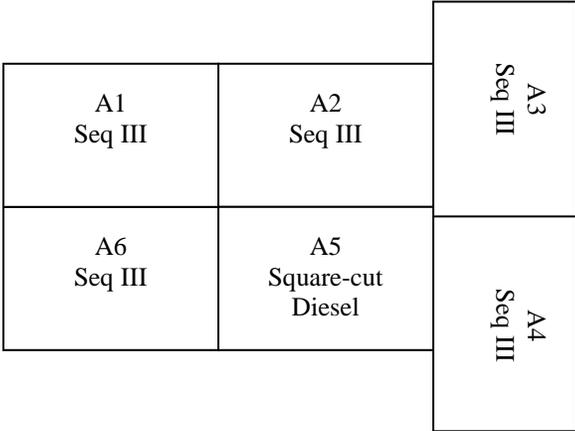
Induction & Combustion VALCAL & PTCAL	D4V Piston M1
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D4V Piston N1	Seq V cal Piston E1-4	Seq V cal Piston F1-4
D4V Piston O1	Seq V cal Piston G1-4	Seq V cal Piston H1-4

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
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LIGHT DUTY RATING WORKSHOP (2011 APR 26-28)

Part ID= CAL1A - CALIBRATION PISTON

Rated Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCTOT	THTOT	ATTOT
Foecking, Brian	1.21	0.50	7.37	0.93	3.61	8.55	9.24	9.70
Sanchez, Arthur	1.08	0.60	7.91	0.70	4.92	8.48	9.39	9.79
May, Marianne	0.88	0.58	7.32	0.85	4.32	8.64	9.43	9.83
Pitta, Jimmy	0.76	0.41	6.93	0.79	4.18	8.40	9.55	9.88
Avis, Steven	1.02	0.52	7.56	0.72	4.47	8.85	9.47	9.94
Hurst, Kevin R.	0.97	0.50	6.89	3.22	4.30	8.96	9.45	9.73
Greenland, Paul	0.78	0.52	7.51	0.77	5.16	7.96	9.34	9.73
Seiz, Ray	0.63	0.43	7.26	1.04	4.95	8.42	9.54	9.62
Caproni, David	0.74	0.52	7.09	1.22	4.64	8.70	9.14	9.70
Adams, Patrick	0.71	0.52	7.29	0.92	4.17	8.88	9.38	9.79
Rodriguez, Jesus (Jesse)	0.87	0.52	7.10	0.80	4.35	8.71	9.31	9.76
Lonsway, Chris	0.94	0.56	7.47	1.04	4.18	8.49	9.07	9.64
Kobrinetz, Joaquin J.	0.88	0.47	7.40	0.87	3.79	8.87	9.56	9.89
Lowsky, John	0.94	0.56	7.54	1.09	5.57	9.00	9.21	9.81
Campbell, Bryan	3.20	5.25	6.97	4.85	5.58	8.75	9.36	9.82
Skuzinski, John	0.96	0.49	6.83	0.74	4.68	8.25	9.35	9.85
Swanson, Dennis	0.68	0.80	6.35	0.45	3.60	7.95	8.90	9.75
MAXIMUM	3.20	5.25	7.91	4.85	5.58	9.00	9.56	9.94
MINIMUM	0.63	0.41	6.35	0.45	3.60	7.95	8.90	9.62
RANGE(MAX-MIN)	2.570	4.840	1.560	4.400	1.980	1.050	0.660	0.320
MEAN	1.015	0.809	7.223	1.235	4.498	8.580	9.335	9.778
STANDARD DEVIATION	0.583	1.148	0.363	1.107	0.597	0.316	0.178	0.087

Part ID= CAL1A - CALIBRATION PISTON

CAL1A YI Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCTOT	THTOT	ATTOT
Foecking, Brian	0.33	-0.27	0.41	-0.28	-1.49	-0.09	-0.53	-0.90
Sanchez, Arthur	0.11	-0.18	1.89	-0.48	0.71	-0.32	0.31	0.13
May, Marianne	-0.23	-0.20	0.27	-0.35	-0.30	0.19	0.53	0.59
Pitta, Jimmy	-0.44	-0.35	-0.81	-0.40	-0.53	-0.57	1.21	1.17
Avis, Steven	0.01	-0.25	0.93	-0.47	-0.05	0.85	0.76	1.85
Hurst, Kevin R.	-0.08	-0.27	-0.92	1.79	-0.33	1.20	0.65	-0.55
Greenland, Paul	-0.40	-0.25	0.79	-0.42	1.11	-1.96	0.03	-0.55
Seiz, Ray	-0.66	-0.33	0.10	-0.18	0.76	-0.51	1.15	-1.81
Caproni, David	-0.47	-0.25	-0.37	-0.01	0.24	0.38	-1.09	-0.90
Adams, Patrick	-0.52	-0.25	0.18	-0.28	-0.55	0.95	0.25	0.13
Rodriguez, Jesus (Jesse)	-0.25	-0.25	-0.34	-0.39	-0.25	0.41	-0.14	-0.21
Lonsway, Chris	-0.13	-0.22	0.68	-0.18	-0.53	-0.28	-1.49	-1.58
Kobrinetz, Joaquin J.	-0.23	-0.30	0.49	-0.33	-1.19	0.92	1.26	1.28
Lowsky, John	-0.13	-0.22	0.87	-0.13	1.80	1.33	-0.70	0.36
Campbell, Bryan	3.75	3.87	-0.70	3.27	1.81	0.54	0.14	0.48
Skuzinski, John	-0.09	-0.28	-1.08	-0.45	0.30	-1.04	0.09	0.82
Swanson, Dennis	-0.57	-0.01	-2.41	-0.71	-1.51	-1.99	-2.44	-0.32
MAXIMUM	3.75	3.87	-2.41	3.27	1.81	-1.99	-2.44	1.85
MINIMUM	0.01	-0.01	0.10	-0.01	-0.05	-0.09	0.03	0.13
RANGE(MAX-MIN)	3.739	3.878	-2.507	3.280	1.861	-1.898	-2.469	1.718
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

LIGHT DUTY RATING WORKSHOP (2011 APR 26-28)

Part ID= CAL1B - CALIBRATION PISTON

Rated Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCTOT	THTOT	ATTOT
Radonich, Pete	2.86	0.75	8.94	0.50	2.11	1.10	8.70	9.95
Trevino, Bobby	2.88	0.75	9.05	0.77	3.95	1.08	9.40	9.93
Castillo, George	2.52	0.75	9.14	0.71	3.41	1.10	9.07	9.98
Adams, Patrick	2.86	0.80	9.00	0.43	2.38	1.43	9.02	10.00
Hurst, Kevin R.	2.96	0.75	8.80	0.50	2.99	1.10	9.43	9.80
Lowsky, John	3.46	0.75	8.75	0.60	4.42	1.30	8.70	9.98
Lopez, Frank	3.21	0.75	9.13	0.77	2.39	1.00	8.76	10.00
Seiz, Ray	2.24	0.43	8.89	0.42	3.65	1.23	9.18	9.85
Caproni, David	2.87	0.38	8.80	0.60	3.65	1.20	8.78	9.90
Cumberworth, Lee	2.79	0.75	8.89	0.70	2.16	0.99	9.57	10.00
Sanchez, Wilhelm	2.83	0.75	8.91	0.23	2.78	1.15	9.07	10.00
Kobrinetz, Joaquin J.	2.94	0.79	9.08	0.61	3.04	0.95	9.00	9.95
Barrera, Tony	3.05	0.56	9.01	0.62	3.32	1.15	9.15	9.99
Campbell, Bryan	4.60	4.30	9.06	3.60	4.50	2.30	8.75	9.99
Skuzinski, John	2.91	0.08	8.88	0.41	4.54	1.40	8.75	10.00
MAXIMUM	4.60	4.30	9.14	3.60	4.54	2.30	9.57	10.00
MINIMUM	2.24	0.08	8.75	0.23	2.11	0.95	8.70	9.80
RANGE(MAX-MIN)	2.360	4.220	0.390	3.370	2.430	1.350	0.870	0.200
MEAN	2.999	0.889	8.955	0.765	3.286	1.232	9.022	9.955
STANDARD DEVIATION	0.520	0.965	0.123	0.799	0.834	0.327	0.285	0.061

Part ID= CAL1B - CALIBRATION PISTON

CAL1B Yi Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCTOT	THTOT	ATTOT
Radonich, Pete	-0.27	-0.14	-0.12	-0.33	-1.41	-0.40	-1.13	-0.08
Trevino, Bobby	-0.23	-0.14	0.77	0.01	0.80	-0.47	1.33	-0.40
Castillo, George	-0.92	-0.14	1.50	-0.07	0.15	-0.40	0.17	0.41
Adams, Patrick	-0.27	-0.09	0.36	-0.42	-1.09	0.61	-0.01	0.74
Hurst, Kevin R.	-0.07	-0.14	-1.26	-0.33	-0.36	-0.40	1.43	-2.52
Lowsky, John	0.89	-0.14	-1.67	-0.21	1.36	0.21	-1.13	0.41
Lopez, Frank	0.41	-0.14	1.42	0.01	-1.07	-0.71	-0.92	0.74
Seiz, Ray	-1.46	-0.48	-0.53	-0.43	0.44	-0.01	0.55	-1.71
Caproni, David	-0.25	-0.53	-1.26	-0.21	0.44	-0.10	-0.85	-0.89
Cumberworth, Lee	-0.40	-0.14	-0.53	-0.08	-1.35	-0.74	1.92	0.74
Sanchez, Wilhelm	-0.32	-0.14	-0.37	-0.67	-0.61	-0.25	0.17	0.74
Kobrinetz, Joaquin J.	-0.11	-0.10	1.01	-0.19	-0.30	-0.86	-0.08	-0.08
Barrera, Tony	0.10	-0.34	0.44	-0.18	0.04	-0.25	0.45	0.58
Campbell, Bryan	3.08	3.53	0.85	3.55	1.46	3.27	-0.95	0.58
Skuzinski, John	-0.17	-0.84	-0.61	-0.44	1.50	0.51	-0.95	0.74
MAXIMUM	3.08	3.53	-1.67	3.55	1.50	3.27	1.92	-2.52
MINIMUM	-0.07	-0.09	-0.12	0.01	0.04	-0.01	-0.01	-0.08
RANGE(MAX-MIN)	3.155	3.627	-1.544	3.544	1.463	3.275	1.929	-2.448
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

LIGHT DUTY RATING WORKSHOP (2011 APR 26-28)

Part ID= CAL1C - CALIBRATION PISTON

Rated Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCTOT	THIOT	ATTOT
Radonich, Pete	5.89	0.75	8.75	1.15	8.66	4.86	9.40	9.85
Avis, Steven	6.62	0.74	8.59	1.68	9.00	4.48	9.09	9.94
Viera, Ralph B.	7.24	0.72	8.81	1.48	8.49	4.99	9.70	9.99
Sanchez, Arthur	6.79	0.68	8.97	1.44	9.12	4.43	9.44	9.76
May, Marianne	5.88	0.75	8.81	1.56	9.03	5.63	9.47	9.85
Rodríguez, Jesus (Jesse)	5.88	0.75	8.39	1.17	8.33	4.70	9.41	9.74
Trevino, Bobby	6.28	0.75	8.57	1.54	8.35	5.08	9.61	9.88
Lowsky, John	7.64	0.75	8.83	1.95	8.68	5.35	9.38	9.80
Lopez, Frank	6.37	0.75	8.78	1.32	8.78	5.09	9.47	9.82
Lonsway, Chris	6.63	0.75	8.76	1.24	8.51	5.14	9.22	9.70
Fujita, Hirokazu	5.24	0.76	8.45	1.35	8.29	6.40	9.82	9.95
Zalewski, John	6.96	0.56	8.36	1.84	9.31	4.59	9.89	9.43
Kobrinetz, Joaquin J.	6.65	0.75	8.88	1.28	8.49	4.98	9.58	9.92
Cales, Jonathon	6.18	0.74	8.10	1.63	8.28	5.09	9.32	9.90
Barrera, Tony	6.44	0.74	8.73	1.46	8.12	6.28	9.60	9.79
Campbell, Bryan	4.00	4.65	8.65	3.15	7.85	5.10	9.50	9.95
Skuzinski, John	7.02	0.68	8.36	1.15	8.05	5.20	9.30	9.90
Swanson, Dennis	5.64	0.71	8.33	1.57	8.25	4.45	9.15	9.80
MAXIMUM	7.64	4.65	8.97	3.15	9.31	6.40	9.89	9.99
MINIMUM	4.00	0.56	8.10	1.15	7.85	4.43	9.09	9.43
RANGE(MAX-MIN)	3.640	4.090	0.870	2.000	1.460	1.970	0.800	0.560
MEAN	6.297	0.943	8.618	1.553	8.533	5.102	9.464	9.832
STANDARD DEVIATION	0.827	0.926	0.237	0.459	0.396	0.553	0.214	0.129

Part ID= CAL1C - CALIBRATION PISTON

CAL1C Yi Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCTOT	THIOT	ATTOT
Radonich, Pete	-0.49	-0.21	0.56	-0.88	0.32	-0.44	-0.30	0.14
Avis, Steven	0.39	-0.22	-0.12	0.28	1.18	-1.13	-1.75	0.84
Viera, Ralph B.	1.14	-0.24	0.81	-0.16	-0.11	-0.20	1.10	1.23
Sanchez, Arthur	0.60	-0.28	1.49	-0.25	1.48	-1.22	-0.11	-0.56
May, Marianne	-0.50	-0.21	0.81	0.01	1.26	0.95	0.03	0.14
Rodríguez, Jesus (Jesse)	-0.50	-0.21	-0.96	-0.84	-0.51	-0.73	-0.25	-0.71
Trevino, Bobby	-0.02	-0.21	-0.20	-0.03	-0.46	-0.04	0.68	0.38
Lowsky, John	1.62	-0.21	0.89	0.86	0.37	0.45	-0.39	-0.25
Lopez, Frank	0.09	-0.21	0.68	-0.51	0.62	-0.02	0.03	-0.09
Lonsway, Chris	0.40	-0.21	0.60	-0.68	-0.06	0.07	-1.14	-1.02
Fujita, Hirokazu	-1.28	-0.20	-0.71	-0.44	-0.61	2.35	1.66	0.92
Zalewski, John	0.80	-0.41	-1.09	0.62	1.96	-0.93	1.99	-3.12
Kobrinetz, Joaquin J.	0.43	-0.21	1.11	-0.60	-0.11	-0.22	0.54	0.69
Cales, Jonathon	-0.14	-0.22	-2.18	0.17	-0.64	-0.02	-0.67	0.53
Barrera, Tony	0.17	-0.22	0.47	-0.20	-1.04	2.13	0.64	-0.32
Campbell, Bryan	-2.78	4.00	0.14	3.48	-1.72	0.00	0.17	0.92
Skuzinski, John	0.87	-0.28	-1.09	-0.88	-1.22	0.18	-0.77	0.53
Swanson, Dennis	-0.80	-0.25	-1.21	0.04	-0.71	-1.18	-1.47	-0.25
MAXIMUM	-2.78	4.00	-2.18	3.48	1.96	2.35	1.99	-3.12
MINIMUM	-0.02	-0.20	-0.12	0.01	-0.06	0.00	0.03	-0.09
RANGE(MAX-MIN)	-2.758	4.200	-2.066	3.465	2.021	2.351	1.962	-3.033
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

LIGHT DUTY RATING WORKSHOP (2011 APR 26-28)

Part ID= CAL1D - CALIBRATION PISTON

Rated Values

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

Rater	G1TOT	G2TOT	G3TOT	I2TOT	I3TOT	UCTOT	THTOT	ATTOT
Foecking, Brian	5.73	4.49	8.94	6.18	7.09	2.49	9.21	9.70
Castillo, George	5.50	5.07	8.86	5.55	7.55	2.90	9.17	9.59
Pitta, Jimmy	6.37	4.28	8.55	5.01	6.85	2.15	9.05	9.85
Viera, Ralph B.	6.34	5.25	8.99	6.75	7.92	3.20	8.63	9.90
Greenland, Paul	6.39	4.89	8.62	6.87	7.14	2.85	8.95	9.73
Sanchez, Wilhelm	6.58	4.42	9.20	5.04	7.29	2.63	9.11	9.70
Cumberworth, Lee	5.11	3.38	8.55	6.53	6.98	2.12	9.60	9.94
Zalewski, John	5.54	4.51	8.81	5.13	7.14	3.22	9.84	9.05
Fujita, Hirokazu	3.78	4.66	8.25	5.08	6.75	3.09	9.53	9.95
Cales, Jonathon	5.47	3.73	7.96	5.45	6.70	3.07	8.88	9.75
Kobrinetz, Joaquin J.	5.66	5.04	8.88	6.47	7.47	2.60	9.34	9.87
Hurst, Kevin R.	6.62	4.79	8.99	5.72	6.72	2.51	9.39	9.77
Campbell, Bryan	5.71	6.35	8.87	6.20	6.91	4.30	8.84	9.66
Skuzinski, John	7.79	4.89	7.15	5.47	6.62	3.17	8.85	9.25
Swanson, Dennis	5.14	4.47	5.75	5.22	6.10	3.30	9.15	9.25
MAXIMUM	7.79	6.35	9.20	6.87	7.92	4.30	9.84	9.95
MINIMUM	3.78	3.38	5.75	5.01	6.10	2.12	8.63	9.05
RANGE(MAX-MIN)	4.010	2.970	3.450	1.860	1.820	2.180	1.210	0.900
MEAN	5.849	4.681	8.425	5.778	7.015	2.907	9.169	9.664
STANDARD DEVIATION	0.905	0.677	0.900	0.662	0.440	0.542	0.327	0.273

Part ID= CAL1D - CALIBRATION PISTON

CAL1D Yi Values

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

Rater	G1TOT	G2TOT	G3TOT	I2TOT	I3TOT	UCTOT	THTOT	ATTOT
Foecking, Brian	-0.13	-0.28	0.57	0.61	0.17	-0.77	0.12	0.13
Castillo, George	-0.39	0.57	0.48	-0.34	1.21	-0.01	0.00	-0.27
Pitta, Jimmy	0.58	-0.59	0.14	-1.16	-0.38	-1.40	-0.37	0.68
Viera, Ralph B.	0.54	0.84	0.63	1.47	2.05	0.54	-1.65	0.87
Greenland, Paul	0.60	0.31	0.22	1.65	0.28	-0.10	-0.67	0.24
Sanchez, Wilhelm	0.81	-0.39	0.86	-1.12	0.62	-0.51	-0.18	0.13
Cumberworth, Lee	-0.82	-1.92	0.14	1.14	-0.08	-1.45	1.32	1.01
Zalewski, John	-0.34	-0.25	0.43	-0.98	0.28	0.58	2.05	-2.25
Fujita, Hirokazu	-2.29	-0.03	-0.19	-1.05	-0.60	0.34	1.10	1.05
Cales, Jonathon	-0.42	-1.40	-0.52	-0.50	-0.72	0.30	-0.89	0.32
Kobrinetz, Joaquin J.	-0.21	0.53	0.51	1.05	1.03	-0.57	0.52	0.76
Hurst, Kevin R.	0.85	0.16	0.63	-0.09	-0.67	-0.73	0.68	0.39
Campbell, Bryan	-0.15	2.46	0.49	0.64	-0.24	2.57	-1.01	-0.01
Skuzinski, John	2.15	0.31	-1.42	-0.47	-0.90	0.49	-0.98	-1.52
Swanson, Dennis	-0.78	-0.31	-2.97	-0.84	-2.08	0.73	-0.06	-1.52
MAXIMUM	-2.29	2.46	-2.97	1.65	-2.08	2.57	2.05	-2.25
MINIMUM	-0.13	-0.03	0.14	-0.09	-0.08	-0.01	0.00	-0.01
RANGE(MAX-MIN)	-2.155	2.495	-3.111	1.738	-1.999	2.585	2.050	-2.236
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

LIGHT DUTY RATING WORKSHOP (2011 APR 26-28)

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

Rated Values

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

Rater	P1MERI	P2MERI	P3MERI	P4MERI
May, Marianne	9.24	9.17	8.88	8.75
Kobrinetz, Joaquin J.	8.95	8.91	8.69	8.58
Radonich, Pete	9.17	9.23	8.95	8.89
Barrera, Tony	9.13	9.31	8.76	8.77
Sanchez, Arthur	8.61	8.79	8.55	8.28
Foecking, Brian	9.04	9.02	8.68	8.71
Trevino, Bobby	8.77	8.76	8.54	8.56
Campbell, Bryan	9.12	8.65	8.45	8.17
Rodriguez, Jesus (Jesse)	8.99	8.87	8.35	7.86
Greenland, Paul	8.92	8.78	8.43	8.12
Lopez, Frank	9.17	9.20	9.01	8.63
Swanson, Dennis	8.80	8.60	7.80	8.35
Skuzinski, John	8.98	9.02	8.18	8.55
Lowsky, John	8.85	9.22	8.70	9.05
Lonsway, Chris	9.01	9.04	8.70	8.54
MAXIMUM	9.24	9.31	9.01	9.05
MINIMUM	8.61	8.60	7.80	7.86
RANGE(MAX-MIN)	0.630	0.710	1.210	1.190
MEAN	8.983	8.971	8.578	8.521
STANDARD DEVIATION	0.173	0.226	0.311	0.315

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

E1-4 YI Values

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

Rater	P1MERI	P2MERI	P3MERI	P4MERI
May, Marianne	1.48	0.88	0.97	0.73
Kobrinetz, Joaquin J.	-0.19	-0.27	0.36	0.19
Radonich, Pete	1.08	1.15	1.19	1.17
Barrera, Tony	0.85	1.50	0.58	0.79
Sanchez, Arthur	-2.15	-0.80	-0.09	-0.76
Foecking, Brian	0.33	0.22	0.33	0.60
Trevino, Bobby	-1.23	-0.94	-0.12	0.12
Campbell, Bryan	0.79	-1.42	-0.41	-1.11
Rodriguez, Jesus (Jesse)	0.04	-0.45	-0.73	-2.09
Greenland, Paul	-0.37	-0.85	-0.48	-1.27
Lopez, Frank	1.08	1.01	1.39	0.35
Swanson, Dennis	-1.06	-1.64	-2.50	-0.54
Skuzinski, John	-0.02	0.22	-1.28	0.09
Lowsky, John	-0.77	1.10	0.39	1.68
Lonsway, Chris	0.15	0.30	0.39	0.06
MAXIMUM	-2.15	-1.64	-2.50	-2.09
MINIMUM	-0.02	0.22	-0.09	0.06
RANGE(MAX-MIN)	-2.133	-1.860	-2.408	-2.156
MEAN	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000

LIGHT DUTY RATING WORKSHOP (2011 APR 26-28)

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

Rated Values

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

Rater	P1MERI	P2MERI	P3MERI	P4MERI
Rodriguez, Jesus (Jesse)	9.28	8.90	8.36	7.78
May, Marianne	9.39	9.10	8.93	8.77
Kobrinetz, Joaquin J.	9.05	8.85	8.61	8.53
Cumberworth, Lee	9.36	8.84	8.61	8.48
Castillo, George	9.06	8.82	8.52	8.07
Viera, Ralph B.	9.19	8.38	8.81	8.32
Sanchez, Arthur	8.60	8.55	8.42	8.65
Lowsky, John	9.20	8.87	8.70	8.66
Avis, Steven	8.06	7.67	7.18	7.47
Campbell, Bryan	9.38	9.16	8.87	8.78
Zalewski, John	9.22	9.10	9.07	8.87
Lonsway, Chris	9.26	8.82	8.34	8.34
Cales, Jonathon	9.28	8.88	8.63	8.31
Skuzinski, John	8.93	8.44	8.51	8.01
Swanson, Dennis	8.80	8.53	8.58	8.50
MAXIMUM	9.39	9.16	9.07	8.87
MINIMUM	8.06	7.67	7.18	7.47
RANGE(MAX-MIN)	1.330	1.490	1.890	1.400
MEAN	9.071	8.727	8.543	8.369
STANDARD DEVIATION	0.358	0.376	0.431	0.395

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

F1-4 YI Values

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

Rater	P1MERI	P2MERI	P3MERI	P4MERI
Rodriguez, Jesus (Jesse)	0.58	0.46	-0.42	-1.49
May, Marianne	0.89	0.99	0.90	1.02
Kobrinetz, Joaquin J.	-0.06	0.33	0.16	0.41
Cumberworth, Lee	0.81	0.30	0.16	0.28
Castillo, George	-0.03	0.25	-0.05	-0.76
Viera, Ralph B.	0.33	-0.92	0.62	-0.13
Sanchez, Arthur	-1.31	-0.47	-0.28	0.71
Lowsky, John	0.36	0.38	0.37	0.74
Avis, Steven	-2.82	-2.82	-3.16	-2.28
Campbell, Bryan	0.86	1.15	0.76	1.04
Zalewski, John	0.42	0.99	1.22	1.27
Lonsway, Chris	0.53	0.25	-0.47	-0.07
Cales, Jonathon	0.58	0.41	0.20	-0.15
Skuzinski, John	-0.39	-0.77	-0.08	-0.91
Swanson, Dennis	-0.76	-0.53	0.09	0.33
MAXIMUM	-2.82	-2.82	-3.16	-2.28
MINIMUM	-0.03	0.25	-0.05	-0.07
RANGE(MAX-MIN)	-2.793	-3.062	-3.111	-2.205
MEAN	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000

LIGHT DUTY RATING WORKSHOP (2011 APR 26-28)

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

Rated Values

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

Rater	P1MERI	P2MERI	P3MERI	P4MERI
Adams, Patrick	9.12	9.19	8.83	8.97
Kobrinetz, Joaquin J.	8.85	9.02	8.48	8.18
Foecking, Brian	8.98	8.85	8.28	8.18
Caproni, David	8.86	8.82	8.70	8.50
Hurst, Kevin R.	8.82	9.02	8.75	8.78
Cumberworth, Lee	9.15	9.08	8.60	8.78
Seiz, Ray	9.44	9.06	8.95	9.07
Castillo, George	8.61	8.71	8.12	8.35
Campbell, Bryan	8.17	8.58	7.70	7.35
Swanson, Dennis	8.70	8.83	8.65	8.68
Greenland, Paul	9.16	8.88	8.28	8.30
Lonsway, Chris	8.80	8.92	8.41	8.29
Skuzinski, John	8.47	8.26	8.15	7.76
MAXIMUM	9.44	9.19	8.95	9.07
MINIMUM	8.17	8.26	7.70	7.35
RANGE(MAX-MIN)	1.270	0.930	1.250	1.720
MEAN	8.856	8.863	8.454	8.399
STANDARD DEVIATION	0.331	0.244	0.345	0.482

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

G1-4 YI Values

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

Rater	P1MERI	P2MERI	P3MERI	P4MERI
Adams, Patrick	0.80	1.34	1.09	1.18
Kobrinetz, Joaquin J.	-0.02	0.64	0.08	-0.46
Foecking, Brian	0.37	-0.05	-0.50	-0.46
Caproni, David	0.01	-0.18	0.71	0.21
Hurst, Kevin R.	-0.11	0.64	0.86	0.79
Cumberworth, Lee	0.89	0.89	0.42	0.79
Seiz, Ray	1.76	0.81	1.44	1.39
Castillo, George	-0.74	-0.63	-0.97	-0.10
Campbell, Bryan	-2.07	-1.16	-2.18	-2.18
Swanson, Dennis	-0.47	-0.14	0.57	0.58
Greenland, Paul	0.92	0.07	-0.50	-0.21
Lonsway, Chris	-0.17	0.23	-0.13	-0.23
Skuzinski, John	-1.17	-2.47	-0.88	-1.33
MAXIMUM	-2.07	-2.47	-2.18	-2.18
MINIMUM	0.01	-0.05	0.08	-0.10
RANGE(MAX-MIN)	-2.085	-2.416	-2.259	-2.076
MEAN	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000

LIGHT DUTY RATING WORKSHOP (2011 APR 26-28)

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

Rated Values

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

Rater	P1MERI	P2MERI	P3MERI	P4MERI
Adams, Patrick	9.38	9.03	8.71	8.58
Kobrinetz, Joaquin J.	8.90	8.78	8.30	8.19
Lowsky, John	8.96	8.70	8.08	7.91
Caproni, David	8.98	8.69	8.28	8.60
Radonich, Pete	9.29	9.01	8.52	8.38
Seiz, Ray	9.40	9.28	8.83	8.96
Barrera, Tony	9.23	9.06	8.51	8.56
Viera, Ralph B.	8.82	8.37	8.43	8.36
Campbell, Bryan	7.89	8.13	7.88	8.13
Cales, Jonathon	8.20	8.14	7.70	7.81
Hurst, Kevin R.	8.81	8.61	8.60	8.50
Lopez, Frank	9.18	8.74	8.27	8.23
Zalewski, John	9.30	8.77	8.65	8.94
Skuzinski, John	8.48	8.27	7.88	6.79
MAXIMUM	9.40	9.28	8.83	8.96
MINIMUM	7.89	8.13	7.70	6.79
RANGE(MAX-MIN)	1.510	1.150	1.130	2.170
MEAN	8.916	8.684	8.331	8.281
STANDARD DEVIATION	0.455	0.353	0.342	0.544

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

H1-4 YI Values

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

Rater	P1MERI	P2MERI	P3MERI	P4MERI
Adams, Patrick	1.02	0.98	1.11	0.55
Kobrinetz, Joaquin J.	-0.03	0.27	-0.09	-0.17
Lowsky, John	0.10	0.04	-0.74	-0.68
Caproni, David	0.14	0.02	-0.15	0.59
Radonich, Pete	0.82	0.92	0.55	0.18
Seiz, Ray	1.07	1.69	1.46	1.25
Barrera, Tony	0.69	1.06	0.52	0.51
Viera, Ralph B.	-0.21	-0.89	0.29	0.14
Campbell, Bryan	-2.26	-1.57	-1.32	-0.28
Cales, Jonathon	-1.57	-1.54	-1.85	-0.87
Hurst, Kevin R.	-0.23	-0.21	0.79	0.40
Lopez, Frank	0.58	0.16	-0.18	-0.09
Zalewski, John	0.85	0.24	0.93	1.21
Skuzinski, John	-0.96	-1.17	-1.32	-2.74
MAXIMUM	-2.26	1.69	-1.85	-2.74
MINIMUM	-0.03	0.02	-0.09	-0.09
RANGE(MAX-MIN)	-2.221	1.671	-1.755	-2.648
MEAN	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000

LIGHT DUTY RATING WORKSHOP (2011 APR 26-28)

Part ID= M1 - CAL D4V PISTON

Rated Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT
Adams, Patrick	0.64	0.49	6.44	0.56	9.36
Kobrinetz, Joaquin J.	0.59	0.58	6.35	0.64	9.30
Lowsky, John	0.71	0.64	7.79	0.73	9.00
Seiz, Ray	0.64	0.58	7.52	0.91	9.16
Caproni, David	0.60	0.22	6.26	1.14	9.43
Foecking, Brian	0.60	0.64	5.90	0.11	8.76
Lopez, Frank	0.60	0.63	6.51	1.03	9.25
Zalewski, John	0.59	0.56	6.78	0.59	9.24
Cales, Jonathon	0.65	0.68	6.24	0.56	9.19
Radonich, Pete	0.68	0.60	6.20	0.64	9.14
Hurst, Kevin R.	0.60	0.66	6.45	0.59	9.11
Swanson, Dennis	0.65	0.63	6.60	0.03	9.55
Campbell, Bryan	4.20	4.75	6.32	4.95	9.11
Greenland, Paul	0.59	0.59	6.31	0.34	9.24
Trevino, Bobby	0.66	0.61	7.50	0.65	9.12
Barrera, Tony	0.65	0.60	6.32	0.68	9.26
Skuzinski, John	2.23	0.72	6.26	0.54	9.40
Lonsway, Chris	0.64	0.65	5.63	0.75	9.12
MAXIMUM	4.20	4.75	7.79	4.95	9.55
MINIMUM	0.59	0.22	5.63	0.03	8.76
RANGE(MAX-MIN)	3.610	4.530	2.160	4.920	0.790
MEAN	0.918	0.824	6.521	0.858	9.208
STANDARD DEVIATION	0.902	0.986	0.559	1.057	0.176

Part ID= M1 - CAL D4V PISTON

M1 Yi Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT
Adams, Patrick	-0.31	-0.34	-0.15	-0.28	0.86
Kobrinetz, Joaquin J.	-0.36	-0.25	-0.31	-0.21	0.52
Lowsky, John	-0.23	-0.19	2.27	-0.12	-1.18
Seiz, Ray	-0.31	-0.25	1.79	0.05	-0.27
Caproni, David	-0.35	-0.61	-0.47	0.27	1.26
Foecking, Brian	-0.35	-0.19	-1.11	-0.71	-2.54
Lopez, Frank	-0.35	-0.20	-0.02	0.16	0.24
Zalewski, John	-0.36	-0.27	0.46	-0.25	0.18
Cales, Jonathon	-0.30	-0.15	-0.50	-0.28	-0.10
Radonich, Pete	-0.26	-0.23	-0.57	-0.21	-0.38
Hurst, Kevin R.	-0.35	-0.17	-0.13	-0.25	-0.56
Swanson, Dennis	-0.30	-0.20	0.14	-0.78	1.94
Campbell, Bryan	3.64	3.98	-0.36	3.87	-0.56
Greenland, Paul	-0.36	-0.24	-0.38	-0.49	0.18
Trevino, Bobby	-0.29	-0.22	1.75	-0.20	-0.50
Barrera, Tony	-0.30	-0.23	-0.36	-0.17	0.30
Skuzinski, John	1.45	-0.11	-0.47	-0.30	1.09
Lonsway, Chris	-0.31	-0.18	-1.60	-0.10	-0.50
MAXIMUM	3.64	3.98	2.27	3.87	-2.54
MINIMUM	-0.23	-0.11	-0.02	0.05	-0.10
RANGE(MAX-MIN)	3.869	4.089	2.292	3.823	-2.442
MEAN	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000

LIGHT DUTY RATING WORKSHOP (2011 APR 26-28)

Part ID= N1 - CAL D4V PISTON

Rated Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT
Kobrinetz, Joaquin J.	1.17	1.30	3.60	0.62	5.39
Cumberworth, Lee	1.00	0.99	2.03	0.97	4.37
Castillo, George	1.40	1.37	3.19	0.88	4.79
Avis, Steven	1.16	2.85	3.02	0.73	4.79
Foecking, Brian	0.96	0.96	3.55	0.95	4.96
Zalewski, John	1.77	0.87	3.95	1.05	5.54
Lowsky, John	1.10	1.00	3.51	1.16	5.78
Skuzinski, John	1.55	1.04	3.06	0.54	4.40
Rodriguez, Jesus (Jesse)	1.22	0.88	3.41	0.71	5.00
Cales, Jonathon	1.24	1.18	3.67	0.31	4.91
Swanson, Dennis	2.33	1.11	4.10	0.21	5.05
Campbell, Bryan	4.80	3.10	5.45	4.30	7.30
Greenland, Paul	0.74	0.81	3.92	0.41	5.48
Sanchez, Arthur	1.06	0.82	3.56	0.60	4.57
Lonsway, Chris	1.00	0.81	3.69	0.72	4.21
MAXIMUM	4.80	3.10	5.45	4.30	7.30
MINIMUM	0.74	0.81	2.03	0.21	4.21
RANGE(MAX-MIN)	4.060	2.290	3.420	4.090	3.090
MEAN	1.500	1.273	3.581	0.944	5.103
STANDARD DEVIATION	0.991	0.714	0.718	0.967	0.760

Part ID= N1 - CAL D4V PISTON

N1 YI Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT
Kobrinetz, Joaquin J.	-0.33	0.04	0.03	-0.34	0.38
Cumberworth, Lee	-0.50	-0.40	-2.16	0.03	-0.96
Castillo, George	-0.10	0.14	-0.54	-0.07	-0.41
Avis, Steven	-0.34	2.21	-0.78	-0.22	-0.41
Foecking, Brian	-0.54	-0.44	-0.04	0.01	-0.19
Zalewski, John	0.27	-0.56	0.51	0.11	0.58
Lowsky, John	-0.40	-0.38	-0.10	0.22	0.89
Skuzinski, John	0.05	-0.33	-0.73	-0.42	-0.92
Rodriguez, Jesus (Jesse)	-0.28	-0.55	-0.24	-0.24	-0.14
Cales, Jonathon	-0.26	-0.13	0.12	-0.66	-0.25
Swanson, Dennis	0.84	-0.23	0.72	-0.76	-0.07
Campbell, Bryan	3.33	2.56	2.60	3.47	2.89
Greenland, Paul	-0.77	-0.65	0.47	-0.55	0.50
Sanchez, Arthur	-0.44	-0.63	-0.03	-0.36	-0.70
Lonsway, Chris	-0.50	-0.65	0.15	-0.23	-1.18
MAXIMUM	3.33	2.56	2.60	3.47	2.89
MINIMUM	0.05	0.04	0.03	0.01	-0.07
RANGE(MAX-MIN)	3.279	2.523	2.577	3.465	2.962
MEAN	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000

LIGHT DUTY RATING WORKSHOP (2011 APR 26-28)

Part ID= O1 - CAL D4V PISTON

Rated Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT
Lopez, Frank	0.69	0.81	1.95	0.59	5.18
Adams, Patrick	0.66	0.64	2.49	0.41	5.51
Kobrinetz, Joaquin J.	0.74	0.87	2.55	0.47	5.68
Rodriguez, Jesus (Jesse)	0.73	0.70	2.42	0.49	5.11
Hurst, Kevin R.	0.93	0.90	2.10	0.60	5.66
Caproni, David	0.72	0.41	2.63	0.53	4.44
Cumberworth, Lee	0.74	0.88	1.72	1.09	5.15
Castillo, George	0.75	0.71	2.21	0.52	5.38
Seiz, Ray	0.74	0.84	2.25	0.36	5.09
Radonich, Pete	0.75	0.75	2.53	0.53	5.53
Lowsky, John	0.75	0.75	3.62	1.03	6.03
Sanchez, Arthur	0.68	0.64	1.79	0.72	5.01
Avis, Steven	0.75	0.75	2.08	0.47	5.16
Campbell, Bryan	5.00	4.10	4.60	3.60	7.35
Barrera, Tony	0.72	0.89	1.53	0.27	5.33
Skuzinski, John	0.74	0.75	1.27	0.35	5.42
MAXIMUM	5.00	4.10	4.60	3.60	7.35
MINIMUM	0.66	0.41	1.27	0.27	4.44
RANGE(MAX-MIN)	4.340	3.690	3.330	3.330	2.910
MEAN	1.006	0.962	2.359	0.752	5.439
STANDARD DEVIATION	1.067	0.846	0.805	0.792	0.621

Part ID= O1 - CAL D4V PISTON

O1 YI Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT
Lopez, Frank	-0.30	-0.18	-0.51	-0.20	-0.42
Adams, Patrick	-0.32	-0.38	0.16	-0.43	0.11
Kobrinetz, Joaquin J.	-0.25	-0.11	0.24	-0.36	0.39
Rodriguez, Jesus (Jesse)	-0.26	-0.31	0.08	-0.33	-0.53
Hurst, Kevin R.	-0.07	-0.07	-0.32	-0.19	0.36
Caproni, David	-0.27	-0.65	0.34	-0.28	-1.61
Cumberworth, Lee	-0.25	-0.10	-0.79	0.43	-0.47
Castillo, George	-0.24	-0.30	-0.18	-0.29	-0.10
Seiz, Ray	-0.25	-0.14	-0.14	-0.50	-0.56
Radonich, Pete	-0.24	-0.25	0.21	-0.28	0.15
Lowsky, John	-0.24	-0.25	1.57	0.35	0.95
Sanchez, Arthur	-0.31	-0.38	-0.71	-0.04	-0.69
Avis, Steven	-0.24	-0.25	-0.35	-0.36	-0.45
Campbell, Bryan	3.74	3.71	2.78	3.60	3.08
Barrera, Tony	-0.27	-0.09	-1.03	-0.61	-0.18
Skuzinski, John	-0.25	-0.25	-1.35	-0.51	-0.03
MAXIMUM	3.74	3.71	2.78	3.60	3.08
MINIMUM	-0.07	-0.07	0.08	-0.04	-0.03
RANGE(MAX-MIN)	3.815	3.783	2.708	3.639	3.110
MEAN	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000

LIGHT DUTY RATING WORKSHOP (2011 APR 26-28)

Part ID= VALCAL - CALIBRATION INTAKE VALVES

Rated Values

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

Rater	P1	P2
Rodriguez, Jesus (Jesse)	9.10	9.00
Lopez, Frank	8.50	9.10
Lowsky, John	9.40	9.20
Avis, Steven	9.12	8.83
Adams, Patrick	9.40	9.30
Foecking, Brian	9.30	8.60
Cumberworth, Lee	8.92	8.84
Radonich, Pete	9.30	8.50
Kobrinetz, Joaquin J.	8.94	8.84
Seiz, Ray	9.20	9.30
Barrera, Tony	9.00	9.10
Viera, Ralph B.	9.30	9.10
Trevino, Bobby	8.80	9.20
Campbell, Bryan	8.30	8.50
Sanchez, Arthur	8.50	9.00
Zalewski, John	9.50	9.30
MAXIMUM	9.50	9.30
MINIMUM	8.30	8.50
RANGE(MAX-MIN)	1.200	0.800
MEAN	9.036	8.982
STANDARD DEVIATION	0.358	0.273

Part ID= VALCAL - CALIBRATION INTAKE VALVES

VALCAL YI Values

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

Rater	P1	P2
Rodriguez, Jesus (Jesse)	0.18	0.07
Lopez, Frank	-1.50	0.43
Lowsky, John	1.02	0.80
Avis, Steven	0.23	-0.56
Adams, Patrick	1.02	1.17
Foecking, Brian	0.74	-1.40
Cumberworth, Lee	-0.32	-0.52
Radonich, Pete	0.74	-1.77
Kobrinetz, Joaquin J.	-0.27	-0.52
Seiz, Ray	0.46	1.17
Barrera, Tony	-0.10	0.43
Viera, Ralph B.	0.74	0.43
Trevino, Bobby	-0.66	0.80
Campbell, Bryan	-2.06	-1.77
Sanchez, Arthur	-1.50	0.07
Zalewski, John	1.30	1.17
MAXIMUM	-2.06	-1.77
MINIMUM	-0.10	0.07
RANGE(MAX-MIN)	-1.955	-1.834
MEAN	0.000	0.000
STANDARD DEVIATION	1.000	1.000

LIGHT DUTY RATING WORKSHOP (2011 APR 26-28)

Part ID= PTCAL - CALIBRATION PISTON TOPS

Rated Values

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

Rater	P1MERI	P2MERI
Rodriguez, Jesus (Jesse)	8.36	8.01
Lopez, Frank	8.26	8.36
Lowsky, John	8.05	8.04
Avis, Steven	8.20	8.23
Adams, Patrick	7.88	8.01
Foecking, Brian	8.35	8.60
Cumberworth, Lee	7.92	7.96
Radonich, Pete	8.30	8.60
Kobrinetz, Joaquin J.	7.79	7.89
Seiz, Ray	8.22	8.47
Barrera, Tony	7.10	7.15
Campbell, Bryan	8.27	8.48
Sanchez, Arthur	7.66	7.58
Zalewski, John	7.75	7.48
MAXIMUM	8.36	8.60
MINIMUM	7.10	7.15
RANGE(MAX-MIN)	1.260	1.450
MEAN	8.008	8.061
STANDARD DEVIATION	0.354	0.437

Part ID= PTCAL - CALIBRATION PISTON TOPS

PTCAL YI Values

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

Rater	P1MERI	P2MERI
Rodriguez, Jesus (Jesse)	1.00	-0.12
Lopez, Frank	0.71	0.68
Lowsky, John	0.12	-0.05
Avis, Steven	0.54	0.39
Adams, Patrick	-0.36	-0.12
Foecking, Brian	0.97	1.23
Cumberworth, Lee	-0.25	-0.23
Radonich, Pete	0.83	1.23
Kobrinetz, Joaquin J.	-0.62	-0.39
Seiz, Ray	0.60	0.93
Barrera, Tony	-2.57	-2.08
Campbell, Bryan	0.74	0.96
Sanchez, Arthur	-0.98	-1.10
Zalewski, John	-0.73	-1.33
MAXIMUM	-2.57	-2.08
MINIMUM	0.12	-0.05
RANGE(MAX-MIN)	-2.687	-2.035
MEAN	0.000	0.000
STANDARD DEVIATION	1.000	1.000

LIGHT DUTY RATING WORKSHOP (2011 APR 26-28)

Part ID= VVCALL - CAL VG RC BAFFLE VARNISH L

Rated Values

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

Rater	AVERAG	
Lonsway, Chris	9.77	
Rodriguez, Jesus (Jesse)	9.90	
Lopez, Frank	9.88	
Castillo, George	9.48	
Adams, Patrick	9.80	
Foecking, Brian	9.49	
Hurst, Kevin R.	9.42	
May, Marianne	9.70	
Kobrinetz, Joaquin J.	9.75	
Seiz, Ray	9.45	
Viera, Ralph B.	9.68	
Greenland, Paul	9.62	
Avis, Steven	9.77	
Cumberworth, Lee	9.57	
Lowsky, John	9.27	
Caproni, David	9.80	
Cales, Jonathon	9.57	
Barrera, Tony	9.70	
Trevino, Bobby	9.68	
Sanchez, Arthur	9.50	
Radonich, Pete	9.66	
Campbell, Bryan	9.92	
Zalewski, John	9.80	
MAXIMUM	9.92	
MINIMUM	9.27	
RANGE(MAX-MIN)	0.650	
MEAN	9.660	
STANDARD DEVIATION	0.169	

LIGHT DUTY RATING WORKSHOP (2011 APR 26-28)

Part ID= VVCALL - CAL VG RC BAFFLE VARNISH L

VVCALL Yi Values

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

Rater	AVERAG	
Lonsway, Chris	0.65	
Rodriguez, Jesus (Jesse)	1.42	
Lopez, Frank	1.30	
Castillo, George	-1.07	
Adams, Patrick	0.83	
Foecking, Brian	-1.01	
Hurst, Kevin R.	-1.42	
May, Marianne	0.24	
Kobrinetz, Joaquin J.	0.53	
Seiz, Ray	-1.24	
Viera, Ralph B.	0.12	
Greenland, Paul	-0.24	
Avis, Steven	0.65	
Cumberworth, Lee	-0.53	
Lowsky, John	-2.31	
Caproni, David	0.83	
Cales, Jonathon	-0.53	
Barrera, Tony	0.24	
Trevino, Bobby	0.12	
Sanchez, Arthur	-0.95	
Radonich, Pete	0.00	
Campbell, Bryan	1.54	
Zalewski, John	0.83	
MAXIMUM	-2.31	
MINIMUM	0.00	
RANGE(MAX-MIN)	-2.310	
MEAN	0.000	
STANDARD DEVIATION	1.000	

LIGHT DUTY RATING WORKSHOP (2011 APR 26-28)

Part ID= VVICALR - CAL VG RC BAFFLE VARNISH R

Rated Values

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

Rater	AVERAG	
Rodriguez, Jesus (Jesse)	9.90	
Lonsway, Chris	9.80	
Lopez, Frank	9.90	
Castillo, George	9.46	
Adams, Patrick	9.90	
Foecking, Brian	9.68	
Hurst, Kevin R.	9.38	
May, Marianne	9.70	
Kobrinetz, Joaquin J.	9.60	
Seiz, Ray	9.71	
Viera, Ralph B.	9.55	
Greenland, Paul	9.63	
Avis, Steven	9.83	
Cumberworth, Lee	9.60	
Lowsky, John	9.23	
Caproni, David	9.70	
Cales, Jonathon	9.57	
Barrera, Tony	9.70	
Trevino, Bobby	9.68	
Sanchez, Arthur	9.57	
Radonich, Pete	9.68	
Campbell, Bryan	9.75	
Zalewski, John	9.80	
MAXIMUM	9.90	
MINIMUM	9.23	
RANGE(MAX-MIN)	0.670	
MEAN	9.666	
STANDARD DEVIATION	0.165	

LIGHT DUTY RATING WORKSHOP (2011 APR 26-28)

Part ID= VVICALR - CAL VG RC BAFFLE VARNISH R

VVICALR Yi Values

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

Rater	AVERAG	
Rodriguez, Jesus (Jesse)	1.42	
Lonsway, Chris	0.81	
Lopez, Frank	1.42	
Castillo, George	-1.25	
Adams, Patrick	1.42	
Foecking, Brian	0.08	
Hurst, Kevin R.	-1.74	
May, Marianne	0.21	
Kobrinetz, Joaquin J.	-0.40	
Seiz, Ray	0.27	
Viera, Ralph B.	-0.71	
Greenland, Paul	-0.22	
Avis, Steven	1.00	
Cumberworth, Lee	-0.40	
Lowsky, John	-2.65	
Caproni, David	0.21	
Cales, Jonathon	-0.58	
Barrera, Tony	0.21	
Trevino, Bobby	0.08	
Sanchez, Arthur	-0.58	
Radonich, Pete	0.08	
Campbell, Bryan	0.51	
Zalewski, John	0.81	
MAXIMUM	-2.65	
MINIMUM	0.08	
RANGE(MAX-MIN)	-2.733	
MEAN	0.000	
STANDARD DEVIATION	1.000	

LIGHT DUTY RATING WORKSHOP (2011 APR 26-28)

Part ID= VSCALL - CAL VG RC BAFFLE SLUDGE L

Rated Values

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

Rater	TOTALS	
Rodriguez, Jesus (Jesse)	9.63	
Lonsway, Chris	9.48	
Lopez, Frank	9.67	
Castillo, George	9.69	
Adams, Patrick	9.50	
Foecking, Brian	9.50	
Hurst, Kevin R.	9.63	
May, Marianne	9.51	
Kobrinetz, Joaquin J.	9.66	
Viera, Ralph B.	9.74	
Seiz, Ray	9.35	
Avis, Steven	9.60	
Greenland, Paul	9.60	
Cumberworth, Lee	9.53	
Lowsky, John	9.52	
Caproni, David	9.50	
Cales, Jonathon	9.59	
Barrera, Tony	9.66	
Trevino, Bobby	9.61	
Sanchez, Arthur	9.54	
Radonich, Pete	9.47	
Campbell, Bryan	9.69	
Zalewski, John	9.72	
MAXIMUM	9.74	
MINIMUM	9.35	
RANGE(MAX-MIN)	0.390	
MEAN	9.582	
STANDARD DEVIATION	0.096	

LIGHT DUTY RATING WORKSHOP (2011 APR 26-28)

Part ID= VSCALL - CAL VG RC BAFFLE SLUDGE L

VSCALL Yi Values

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

Rater	TOTALS	
Rodriguez, Jesus (Jesse)	0.50	
Lonsway, Chris	-1.06	
Lopez, Frank	0.91	
Castillo, George	1.12	
Adams, Patrick	-0.85	
Foecking, Brian	-0.85	
Hurst, Kevin R.	0.50	
May, Marianne	-0.75	
Kobrinetz, Joaquin J.	0.81	
Viera, Ralph B.	1.64	
Seiz, Ray	-2.41	
Avis, Steven	0.19	
Greenland, Paul	0.19	
Cumberworth, Lee	-0.54	
Lowsky, John	-0.65	
Caproni, David	-0.85	
Cales, Jonathon	0.08	
Barrera, Tony	0.81	
Trevino, Bobby	0.29	
Sanchez, Arthur	-0.44	
Radonich, Pete	-1.17	
Campbell, Bryan	1.12	
Zalewski, John	1.43	
MAXIMUM	-2.41	
MINIMUM	0.08	
RANGE(MAX-MIN)	-2.494	
MEAN	0.000	
STANDARD DEVIATION	1.000	

LIGHT DUTY RATING WORKSHOP (2011 APR 26-28)

Part ID= VSCALR - CAL VG RC BAFFLE SLUDGE R

Rated Values

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

Rater	TOTALS	
Rodriguez, Jesus (Jesse)	9.69	
Lonsway, Chris	9.52	
Lopez, Frank	9.64	
Castillo, George	9.69	
Adams, Patrick	9.50	
Foecking, Brian	9.53	
Hurst, Kevin R.	9.69	
May, Marianne	9.55	
Kobrinetz, Joaquin J.	9.53	
Seiz, Ray	9.30	
Viera, Ralph B.	9.66	
Avis, Steven	9.67	
Greenland, Paul	9.60	
Cumberworth, Lee	9.50	
Lowsky, John	9.42	
Caproni, David	9.50	
Cales, Jonathon	9.53	
Barrera, Tony	9.75	
Trevino, Bobby	9.59	
Sanchez, Arthur	9.45	
Radonich, Pete	9.40	
Campbell, Bryan	9.65	
Zalewski, John	9.66	
MAXIMUM	9.75	
MINIMUM	9.30	
RANGE(MAX-MIN)	0.450	
MEAN	9.566	
STANDARD DEVIATION	0.112	

LIGHT DUTY RATING WORKSHOP (2011 APR 26-28)

Part ID= VSCALR - CAL VG RC BAFFLE SLUDGE R

VSCALR Yi Values

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

Rater	TOTALS	
Rodriguez, Jesus (Jesse)	1.11	
Lonsway, Chris	-0.41	
Lopez, Frank	0.66	
Castillo, George	1.11	
Adams, Patrick	-0.59	
Foecking, Brian	-0.32	
Hurst, Kevin R.	1.11	
May, Marianne	-0.14	
Kobrinetz, Joaquin J.	-0.32	
Seiz, Ray	-2.38	
Viera, Ralph B.	0.84	
Avis, Steven	0.93	
Greenland, Paul	0.30	
Cumberworth, Lee	-0.59	
Lowsky, John	-1.31	
Caproni, David	-0.59	
Cales, Jonathon	-0.32	
Barrera, Tony	1.64	
Trevino, Bobby	0.21	
Sanchez, Arthur	-1.04	
Radonich, Pete	-1.49	
Campbell, Bryan	0.75	
Zalewski, John	0.84	
MAXIMUM	-2.38	
MINIMUM	-0.14	
RANGE(MAX-MIN)	-2.236	
MEAN	0.000	
STANDARD DEVIATION	1.000	

LIGHT DUTY RATING WORKSHOP (2011 APR 26-28)

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
Swanson, Dennis	2.62	2.30	8.99	0.71	7.48	4.97	9.84	9.85
Greenland, Paul	2.65	3.28	9.05	0.92	7.48	4.64	9.76	9.85
Pitta, Jimmy	2.36	2.20	8.95	1.00	7.12	3.95	9.80	10.00
Viera, Ralph B.	1.77	2.31	9.41	0.80	7.64	5.57	9.99	10.00
Foecking, Brian	1.75	2.25	9.22	1.30	7.77	5.10	9.69	9.88
Zalewski, John	2.20	2.00	9.11	1.12	7.61	4.67	10.00	9.90
Radonich, Pete	1.70	2.24	9.34	0.66	7.72	4.85	9.80	9.90
Fujita, Hirokazu	2.21	2.13	8.72	1.12	7.38	5.90	9.90	9.90
Hurst, Kevin R.	1.79	2.30	9.12	0.97	8.08	3.56	9.90	9.90
Lowsky, John	3.20	3.29	9.60	1.37	8.40	5.17	9.98	9.98
Cales, Jonathon	2.07	2.26	9.12	1.13	7.65	5.12	9.90	9.90
May, Marianne	1.62	2.29	9.50	0.80	7.77	5.25	9.71	9.86
Kobrinetz, Joaquin J.	1.87	2.41	9.50	0.91	7.97	5.08	9.87	9.92
Skuzinski, John	1.80	5.31	8.50	0.61	7.66	4.40	9.80	9.95
Seiz, Ray	1.51	4.40	9.30	0.91	8.07	6.14	9.80	9.85
Rodriguez, Jesus (Jesse)	1.55	2.48	9.36	0.80	8.02	4.68	9.80	9.90
MAXIMUM	3.20	5.31	9.60	1.37	8.40	6.14	10.00	10.00
MINIMUM	1.51	2.00	8.50	0.61	7.12	3.56	9.69	9.85
RANGE(MAX-MIN)	1.690	3.310	1.100	0.760	1.280	2.580	0.310	0.150
MEAN	2.042	2.716	9.174	0.946	7.739	4.941	9.846	9.909
STANDARD DEVIATION	0.471	0.925	0.294	0.219	0.315	0.653	0.094	0.050

Part ID= A1 - SEQUENCE III

A1 YI Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCTOT	THTOT	ATTOT
Swanson, Dennis	1.23	-0.45	-0.63	-1.08	-0.82	0.05	-0.07	-1.17
Greenland, Paul	1.29	0.61	-0.42	-0.12	-0.82	-0.46	-0.92	-1.17
Pitta, Jimmy	0.68	-0.56	-0.76	0.25	-1.97	-1.52	-0.49	1.82
Viera, Ralph B.	-0.58	-0.44	0.80	-0.66	-0.31	0.96	1.53	1.82
Foecking, Brian	-0.62	-0.50	0.16	1.62	0.10	0.24	-1.66	-0.57
Zalewski, John	0.34	-0.77	-0.22	0.80	-0.41	-0.41	1.64	-0.17
Radonich, Pete	-0.73	-0.51	0.56	-1.30	-0.06	-0.14	-0.49	-0.17
Fujita, Hirokazu	0.36	-0.63	-1.54	0.80	-1.14	1.47	0.57	-0.17
Hurst, Kevin R.	-0.53	-0.45	-0.18	0.11	1.08	-2.11	0.57	-0.17
Lowsky, John	2.46	0.62	1.45	1.94	2.10	0.35	1.42	1.42
Cales, Jonathon	0.06	-0.49	-0.18	0.84	-0.28	0.27	0.57	-0.17
May, Marianne	-0.90	-0.46	1.11	-0.66	0.10	0.47	-1.45	-0.97
Kobrinetz, Joaquin J.	-0.36	-0.33	1.11	-0.16	0.74	0.21	0.25	0.22
Skuzinski, John	-0.51	2.81	-2.29	-1.53	-0.25	-0.83	-0.49	0.82
Seiz, Ray	-1.13	1.82	0.43	-0.16	1.05	1.84	-0.49	-1.17
Rodriguez, Jesus (Jesse)	-1.04	-0.25	0.63	-0.66	0.89	-0.40	-0.49	-0.17
MAXIMUM	2.46	2.81	-2.29	1.94	2.10	-2.11	-1.66	1.82
MINIMUM	0.06	-0.25	0.16	0.11	-0.06	0.05	-0.07	-0.17
RANGE(MAX-MIN)	2.398	3.060	-2.446	1.825	2.162	-2.159	-1.596	1.998
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

LIGHT DUTY RATING WORKSHOP (2011 APR 26-28)

Part ID= A2 - SEQUENCE III

Rated Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCTOT	THTOT	ATTOT
Pitta, Jimmy	6.39	0.75	8.05	0.75	0.95	6.20	9.53	9.99
Campbell, Bryan	7.55	0.88	7.75	1.29	0.90	6.41	9.50	9.98
Swanson, Dennis	6.00	0.80	7.90	0.72	1.08	5.80	9.55	9.86
Greenland, Paul	6.88	0.75	8.68	0.73	0.91	5.25	9.72	9.85
Viera, Ralph B.	5.48	0.72	8.37	0.78	0.96	6.60	9.82	10.00
Foecking, Brian	6.40	0.75	8.67	0.76	0.89	6.08	9.69	9.95
Zalewski, John	6.75	0.07	8.47	0.85	0.96	5.75	10.00	9.85
Radonich, Pete	6.02	0.75	8.60	0.74	0.85	5.83	9.70	9.95
Fujita, Hirokazu	5.73	0.77	8.30	0.64	0.83	6.68	9.84	9.90
Hurst, Kevin R.	6.43	0.75	8.38	0.78	0.91	6.24	9.84	9.90
Lowsky, John	6.76	0.75	8.67	0.75	0.98	6.85	9.62	9.98
Cales, Jonathon	5.88	0.75	8.39	0.77	0.89	6.20	9.77	9.90
May, Marianne	4.82	0.75	8.80	0.75	0.91	6.03	9.51	9.89
Skuzinski, John	6.95	0.68	8.38	0.68	1.01	5.05	9.66	9.99
Rodriguez, Jesus (Jesse)	4.81	0.75	8.73	0.74	0.93	5.93	9.79	9.90
MAXIMUM	7.55	0.88	8.80	1.29	1.08	6.85	10.00	10.00
MINIMUM	4.81	0.07	7.75	0.64	0.83	5.05	9.50	9.85
RANGE(MAX-MIN)	2.740	0.810	1.050	0.650	0.250	1.800	0.500	0.150
MEAN	6.190	0.711	8.409	0.782	0.931	6.060	9.703	9.926
STANDARD DEVIATION	0.772	0.182	0.310	0.148	0.063	0.493	0.145	0.054

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	THTOT	ATTOT
Pitta, Jimmy	0.26	0.21	-1.16	-0.22	0.31	0.28	-1.19	1.19
Campbell, Bryan	1.76	0.92	-2.13	3.43	-0.49	0.71	-1.40	1.00
Swanson, Dennis	-0.25	0.49	-1.64	-0.42	2.38	-0.53	-1.06	-1.23
Greenland, Paul	0.89	0.21	0.87	-0.35	-0.33	-1.64	0.12	-1.41
Viera, Ralph B.	-0.92	0.05	-0.13	-0.01	0.47	1.09	0.81	1.37
Foecking, Brian	0.27	0.21	0.84	-0.15	-0.65	0.04	-0.09	0.45
Zalewski, John	0.73	-3.52	0.20	0.46	0.47	-0.63	2.06	-1.41
Radonich, Pete	-0.22	0.21	0.62	-0.28	-1.28	-0.47	-0.02	0.45
Fujita, Hirokazu	-0.60	0.32	-0.35	-0.96	-1.60	1.26	0.95	-0.48
Hurst, Kevin R.	0.31	0.21	-0.09	-0.01	-0.33	0.37	0.95	-0.48
Lowsky, John	0.74	0.21	0.84	-0.22	0.79	1.60	-0.57	1.00
Cales, Jonathon	-0.40	0.21	-0.06	-0.08	-0.65	0.28	0.47	-0.48
May, Marianne	-1.77	0.21	1.26	-0.22	-0.33	-0.06	-1.33	-0.67
Skuzinski, John	0.98	-0.17	-0.09	-0.69	1.26	-2.05	-0.30	1.19
Rodriguez, Jesus (Jesse)	-1.79	0.21	1.04	-0.28	-0.01	-0.26	0.60	-0.48
MAXIMUM	-1.79	-3.52	-2.13	3.43	2.38	-2.05	2.06	-1.41
MINIMUM	-0.22	0.05	-0.06	-0.01	-0.01	0.04	-0.02	0.45
RANGE(MAX-MIN)	-1.568	-3.564	-2.066	3.444	2.387	-2.089	2.076	-1.858
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

LIGHT DUTY RATING WORKSHOP (2011 APR 26-28)

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
Swanson, Dennis	7.58	1.00	9.43	0.84	2.08	7.55	9.78	9.82
Foecking, Brian	8.45	0.96	9.85	0.95	1.66	8.05	9.90	9.95
Greenland, Paul	8.51	1.39	9.80	1.17	3.08	7.26	9.70	9.85
Viera, Ralph B.	8.58	0.91	9.85	0.97	2.63	8.12	10.00	10.00
Zalewski, John	8.66	0.68	9.87	0.90	2.71	8.08	9.90	9.90
Radonich, Pete	7.85	0.86	9.80	0.90	1.66	7.94	9.90	9.95
Pitta, Jimmy	9.14	1.01	9.67	0.90	2.56	8.04	9.80	9.90
May, Marianne	7.58	0.88	9.83	1.10	2.86	8.27	9.85	9.92
Fujita, Hirokazu	8.12	1.17	9.61	0.93	2.39	8.39	9.90	9.90
Hurst, Kevin R.	8.04	0.91	9.71	1.02	2.76	8.00	9.90	9.90
Lowsky, John	8.74	1.50	9.77	1.01	3.49	8.86	9.97	10.00
Cales, Jonathon	7.87	1.00	9.70	1.04	2.12	7.63	9.90	9.90
Skuzinski, John	8.70	1.12	9.87	0.94	4.06	8.58	9.99	9.99
Rodriguez, Jesus (Jesse)	7.23	0.97	9.80	0.92	2.07	8.05	9.90	9.90
MAXIMUM	9.14	1.50	9.87	1.17	4.06	8.86	10.00	10.00
MINIMUM	7.23	0.68	9.43	0.84	1.66	7.26	9.70	9.82
RANGE(MAX-MIN)	1.910	0.820	0.440	0.330	2.400	1.600	0.300	0.180
MEAN	8.218	1.026	9.754	0.971	2.581	8.059	9.885	9.920
STANDARD DEVIATION	0.548	0.213	0.123	0.089	0.671	0.409	0.082	0.053

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
Swanson, Dennis	-1.16	-0.12	-2.65	-1.47	-0.75	-1.24	-1.29	-1.88
Foecking, Brian	0.42	-0.31	0.78	-0.23	-1.37	-0.02	0.18	0.56
Greenland, Paul	0.53	1.71	0.37	2.24	0.74	-1.95	-2.26	-1.32
Viera, Ralph B.	0.66	-0.54	0.78	-0.01	0.07	0.15	1.41	1.50
Zalewski, John	0.81	-1.62	0.94	-0.79	0.19	0.05	0.18	-0.38
Radonich, Pete	-0.67	-0.78	0.37	-0.79	-1.37	-0.29	0.18	0.56
Pitta, Jimmy	1.68	-0.07	-0.69	-0.79	-0.03	-0.05	-1.04	-0.38
May, Marianne	-1.16	-0.68	0.62	1.45	0.42	0.52	-0.43	0.00
Fujita, Hirokazu	-0.18	0.68	-1.18	-0.46	-0.28	0.81	0.18	-0.38
Hurst, Kevin R.	-0.32	-0.54	-0.36	0.55	0.27	-0.14	0.18	-0.38
Lowsky, John	0.95	2.22	0.13	0.44	1.36	1.96	1.04	1.50
Cales, Jonathon	-0.63	-0.12	-0.44	0.78	-0.69	-1.05	0.18	-0.38
Skuzinski, John	0.88	0.44	0.94	-0.35	2.21	1.28	1.29	1.32
Rodriguez, Jesus (Jesse)	-1.80	-0.26	0.37	-0.57	-0.76	-0.02	0.18	-0.38
MAXIMUM	-1.80	2.22	-2.65	2.24	2.21	1.96	-2.26	-1.88
MINIMUM	-0.18	-0.07	0.13	-0.01	-0.03	-0.02	0.18	0.00
RANGE(MAX-MIN)	-1.623	2.298	-2.774	2.248	2.236	1.982	-2.448	-1.880
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

LIGHT DUTY RATING WORKSHOP (2011 APR 26-28)

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
Swanson, Dennis	6.99	0.84	8.18	0.50	0.92	4.30	9.66	9.83
Zalewski, John	7.06	0.35	8.04	0.60	0.79	4.36	9.89	9.80
Greenland, Paul	8.27	0.75	8.30	0.73	0.84	5.15	9.76	9.80
Viera, Ralph B.	7.53	0.75	8.32	0.78	0.77	5.72	9.96	9.95
Foecking, Brian	7.27	0.75	8.54	0.62	0.75	4.73	9.86	9.87
Pitta, Jimmy	7.64	0.74	7.95	0.67	0.80	4.85	9.80	9.80
Radonich, Pete	6.95	0.75	8.43	0.56	0.75	4.74	9.90	9.90
May, Marianne	6.58	0.75	8.20	0.62	0.77	5.30	9.72	9.82
Fujita, Hirokazu	6.51	0.75	7.67	0.56	0.74	6.02	9.90	9.90
Hurst, Kevin R.	7.42	0.75	8.13	0.72	0.80	5.20	9.90	9.90
Lowsky, John	6.91	0.75	8.45	0.78	0.82	5.93	9.91	9.86
Cales, Jonathon	7.31	0.75	8.22	0.71	0.76	4.74	9.85	9.90
Skuzinski, John	7.76	0.73	8.72	0.64	0.82	4.54	9.98	9.95
Rodriguez, Jesus (Jesse)	5.37	0.75	8.05	0.80	0.82	4.97	9.80	9.70
MAXIMUM	8.27	0.84	8.72	0.80	0.92	6.02	9.98	9.95
MINIMUM	5.37	0.35	7.67	0.50	0.74	4.30	9.66	9.70
RANGE(MAX-MIN)	2.900	0.490	1.050	0.300	0.180	1.720	0.320	0.250
MEAN	7.112	0.726	8.229	0.664	0.796	5.039	9.849	9.856
STANDARD DEVIATION	0.687	0.111	0.265	0.093	0.047	0.548	0.091	0.069

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
Swanson, Dennis	-0.18	1.03	-0.18	-1.76	2.61	-1.35	-2.08	-0.37
Zalewski, John	-0.08	-3.38	-0.71	-0.68	-0.14	-1.24	0.45	-0.81
Greenland, Paul	1.69	0.22	0.27	0.72	0.92	0.20	-0.98	-0.81
Viera, Ralph B.	0.61	0.22	0.35	1.25	-0.56	1.24	1.22	1.37
Foecking, Brian	0.23	0.22	1.18	-0.47	-0.98	-0.56	0.12	0.21
Pitta, Jimmy	0.77	0.13	-1.05	0.07	0.08	-0.35	-0.54	-0.81
Radonich, Pete	-0.24	0.22	0.76	-1.12	-0.98	-0.55	0.56	0.64
May, Marianne	-0.77	0.22	-0.11	-0.47	-0.56	0.48	-1.42	-0.52
Fujita, Hirokazu	-0.88	0.22	-2.11	-1.12	-1.19	1.79	0.56	0.64
Hurst, Kevin R.	0.45	0.22	-0.37	0.61	0.08	0.29	0.56	0.64
Lowsky, John	-0.29	0.22	0.84	1.25	0.50	1.63	0.67	0.06
Cales, Jonathon	0.29	0.22	-0.03	0.50	-0.77	-0.55	0.01	0.64
Skuzinski, John	0.94	0.04	1.86	-0.25	0.50	-0.91	1.43	1.37
Rodriguez, Jesus (Jesse)	-2.54	0.22	-0.67	1.47	0.50	-0.13	-0.54	-2.27
MAXIMUM	-2.54	-3.38	-2.11	-1.76	2.61	1.79	-2.08	-2.27
MINIMUM	-0.08	0.04	-0.03	0.07	0.08	-0.13	0.01	0.06
RANGE(MAX-MIN)	-2.460	-3.422	-2.077	-1.831	2.535	1.918	-2.086	-2.329
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

LIGHT DUTY RATING WORKSHOP (2011 APR 26-28)

Part ID= A5 - SQUARE CUT

Rated Values

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

Rater	G1TOT	G2TOT	G3TOT	G4TOT	L2TOT	L3TOT	L4TOT
Swanson, Dennis	0.74	7.47	9.88	9.90	5.19	9.69	9.80
Foecking, Brian	1.19	8.34	9.94	9.96	4.61	9.90	9.96
Pitta, Jimmy	1.23	8.33	9.99	10.00	6.25	9.80	10.00
Greenland, Paul	1.33	8.59	9.90	9.90	5.59	9.70	9.88
Zalewski, John	1.14	8.22	9.90	9.90	4.76	9.85	9.90
Viera, Ralph B.	1.21	7.89	9.74	9.72	4.64	9.47	9.74
Fujita, Hirokazu	1.04	8.03	9.77	9.80	5.11	9.80	9.80
Hurst, Kevin R.	1.53	8.45	9.77	9.80	5.10	9.60	9.80
Lowsky, John	1.53	8.58	9.87	9.90	5.57	9.80	9.80
Cales, Jonathon	1.10	8.13	9.90	9.90	4.42	9.90	9.90
Adams, Patrick	1.21	7.36	9.80	9.90	4.80	9.70	9.90
May, Marianne	0.92	8.29	9.85	9.88	4.22	9.76	9.96
MAXIMUM	1.53	8.59	9.99	10.00	6.25	9.90	10.00
MINIMUM	0.74	7.36	9.74	9.72	4.22	9.47	9.74
RANGE(MAX-MIN)	0.790	1.230	0.250	0.280	2.030	0.430	0.260
MEAN	1.181	8.140	9.859	9.880	5.022	9.748	9.870
STANDARD DEVIATION	0.226	0.396	0.076	0.075	0.573	0.125	0.081

Part ID= A5 - SQUARE CUT

A5 YI Values

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

Rater	G1TOT	G2TOT	G3TOT	G4TOT	L2TOT	L3TOT	L4TOT
Swanson, Dennis	-1.95	-1.69	0.28	0.27	0.29	-0.46	-0.86
Foecking, Brian	0.04	0.50	1.07	1.07	-0.72	1.22	1.11
Pitta, Jimmy	0.22	0.48	1.73	1.60	2.14	0.42	1.60
Greenland, Paul	0.66	1.14	0.54	0.27	0.99	-0.38	0.12
Zalewski, John	-0.18	0.20	0.54	0.27	-0.46	0.82	0.37
Viera, Ralph B.	0.13	-0.63	-1.58	-2.14	-0.67	-2.22	-1.60
Fujita, Hirokazu	-0.62	-0.28	-1.18	-1.07	0.15	0.42	-0.86
Hurst, Kevin R.	1.55	0.78	-1.18	-1.07	0.14	-1.18	-0.86
Lowsky, John	1.55	1.11	0.14	0.27	0.96	0.42	-0.86
Cales, Jonathon	-0.36	-0.03	0.54	0.27	-1.05	1.22	0.37
Adams, Patrick	0.13	-1.97	-0.78	0.27	-0.39	-0.38	0.37
May, Marianne	-1.16	0.38	-0.12	0.00	-1.40	0.10	1.11
MAXIMUM	-1.95	-1.97	1.73	-2.14	2.14	-2.22	1.60
MINIMUM	0.04	-0.03	-0.12	0.00	0.14	0.10	0.12
RANGE(MAX-MIN)	-1.993	-1.942	1.852	-2.138	2.007	-2.319	1.479
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

LIGHT DUTY RATING WORKSHOP (2011 APR 26-28)

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
Swanson, Dennis	6.55	4.14	9.73	0.62	7.72	7.93	9.83	9.85
Zalewski, John	7.33	4.28	9.87	0.59	7.71	8.60	10.00	9.80
Pitta, Jimmy	8.13	4.66	9.93	0.91	7.88	8.22	9.80	10.00
Greenland, Paul	7.67	5.55	9.70	0.81	7.36	7.63	9.85	9.85
Foecking, Brian	7.70	5.06	9.87	0.67	7.89	8.08	9.88	9.90
Viera, Ralph B.	6.41	4.33	9.70	1.17	8.45	8.50	9.94	9.90
Radonich, Pete	6.51	4.88	9.85	0.72	8.05	8.20	9.90	9.95
Fujita, Hirokazu	6.11	4.62	9.45	0.80	7.59	8.34	9.90	9.90
Hurst, Kevin R.	6.77	5.26	9.78	1.50	8.08	8.56	9.90	9.90
Lowsky, John	7.69	5.65	9.84	1.19	8.44	9.00	9.98	10.00
Cales, Jonathon	7.20	4.78	9.75	0.83	7.71	7.81	9.80	9.90
May, Marianne	4.75	4.65	9.77	1.06	8.41	8.52	9.76	9.86
Skuzinski, John	7.93	6.22	9.52	0.92	8.21	8.50	10.00	10.00
MAXIMUM	8.13	6.22	9.93	1.50	8.45	9.00	10.00	10.00
MINIMUM	4.75	4.14	9.45	0.59	7.36	7.63	9.76	9.80
RANGE(MAX-MIN)	3.380	2.080	0.480	0.910	1.090	1.370	0.240	0.200
MEAN	6.981	4.929	9.751	0.907	7.962	8.299	9.888	9.908
STANDARD DEVIATION	0.931	0.604	0.138	0.262	0.347	0.373	0.078	0.063

Part ID= A6 - SEQUENCE III

A6 YI Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCTOT	THTOT	ATTOT
Swanson, Dennis	-0.46	-1.31	-0.15	-1.09	-0.70	-0.99	-0.74	-0.92
Zalewski, John	0.38	-1.08	0.86	-1.21	-0.72	0.81	1.44	-1.71
Pitta, Jimmy	1.23	-0.45	1.30	0.01	-0.23	-0.21	-1.12	1.44
Greenland, Paul	0.74	1.03	-0.37	-0.37	-1.73	-1.79	-0.48	-0.92
Foecking, Brian	0.77	0.22	0.86	-0.90	-0.21	-0.59	-0.10	-0.13
Viera, Ralph B.	-0.61	-0.99	-0.37	1.00	1.41	0.54	0.67	-0.13
Radonich, Pete	-0.51	-0.08	0.72	-0.71	0.25	-0.27	0.16	0.66
Fujita, Hirokazu	-0.94	-0.51	-2.18	-0.41	-1.07	0.11	0.16	-0.13
Hurst, Kevin R.	-0.23	0.55	0.21	2.26	0.34	0.70	0.16	-0.13
Lowsky, John	0.76	1.19	0.65	1.08	1.38	1.88	1.18	1.44
Cales, Jonathon	0.24	-0.25	-0.01	-0.29	-0.72	-1.31	-1.12	-0.13
May, Marianne	-2.40	-0.46	0.14	0.58	1.29	0.59	-1.63	-0.76
Skuzinski, John	1.02	2.14	-1.67	0.05	0.72	0.54	1.44	1.44
MAXIMUM	-2.40	2.14	-2.18	2.26	-1.73	1.88	-1.63	-1.71
MINIMUM	-0.23	-0.08	-0.01	0.01	-0.21	0.11	-0.10	-0.13
RANGE(MAX-MIN)	-2.170	2.220	-2.172	2.250	-1.525	1.770	-1.534	-1.578
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

LIGHT DUTY RATING WORKSHOP (2011 APR 26-28)

Part ID= A7 - SQUARE CUT

Rated Values

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

Rater	G1TOT	G2TOT	G3TOT	G4TOT	L2TOT	L3TOT	L4TOT
Greenland, Paul	0.49	9.70	9.70	9.80	3.54	9.70	9.54
Zalewski, John	0.42	9.90	9.90	9.90	3.66	9.90	9.88
Foecking, Brian	0.70	9.89	9.94	9.95	3.64	9.95	9.82
Swanson, Dennis	0.28	9.72	9.68	9.72	4.01	9.85	9.48
Pitta, Jimmy	0.46	9.79	9.79	9.80	4.43	9.90	9.59
Viera, Ralph B.	0.48	9.71	9.82	9.84	3.84	9.88	9.60
Fujita, Hirokazu	0.38	9.67	9.80	9.80	3.70	9.80	9.72
Hurst, Kevin R.	0.43	9.76	9.80	9.80	4.06	9.80	9.74
Lowsky, John	0.53	9.85	9.95	9.96	4.51	9.90	9.85
Cales, Jonathon	0.57	9.80	9.73	9.85	3.40	9.85	9.80
Adams, Patrick	0.37	9.80	9.69	9.90	2.93	9.80	9.58
May, Marianne	0.50	9.75	9.93	9.98	4.12	9.84	9.80
MAXIMUM	0.70	9.90	9.95	9.98	4.51	9.95	9.88
MINIMUM	0.28	9.67	9.68	9.72	2.93	9.70	9.48
RANGE(MAX-MIN)	0.420	0.230	0.270	0.260	1.580	0.250	0.400
MEAN	0.468	9.778	9.811	9.858	3.820	9.848	9.700
STANDARD DEVIATION	0.107	0.074	0.100	0.080	0.442	0.066	0.135

Part ID= A7 - SQUARE CUT

A7 YI Values

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

Rater	G1TOT	G2TOT	G3TOT	G4TOT	L2TOT	L3TOT	L4TOT
Greenland, Paul	0.21	-1.06	-1.11	-0.73	-0.63	-2.22	-1.18
Zalewski, John	-0.44	1.64	0.89	0.52	-0.36	0.79	1.33
Foecking, Brian	2.17	1.50	1.29	1.15	-0.41	1.54	0.89
Swanson, Dennis	-1.75	-0.79	-1.31	-1.73	0.43	0.04	-1.62
Pitta, Jimmy	-0.07	0.16	-0.21	-0.73	1.38	0.79	-0.81
Viera, Ralph B.	0.12	-0.92	0.09	-0.23	0.05	0.49	-0.74
Fujita, Hirokazu	-0.82	-1.46	-0.11	-0.73	-0.27	-0.72	0.15
Hurst, Kevin R.	-0.35	-0.25	-0.11	-0.73	0.54	-0.72	0.30
Lowsky, John	0.58	0.97	1.39	1.27	1.56	0.79	1.11
Cales, Jonathon	0.96	0.29	-0.81	-0.10	-0.95	0.04	0.74
Adams, Patrick	-0.91	0.29	-1.21	0.52	-2.01	-0.72	-0.89
May, Marianne	0.30	-0.38	1.19	1.52	0.68	-0.11	0.74
MAXIMUM	2.17	1.64	1.39	-1.73	-2.01	-2.22	-1.62
MINIMUM	-0.07	0.16	0.09	-0.10	0.05	0.04	0.15
RANGE(MAX-MIN)	2.240	1.482	1.303	-1.628	-2.058	-2.261	-1.772
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

LIGHT DUTY RATING WORKSHOP (2011 APR 26-28)

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	
May, Marianne	1.36	6.33	9.83	4.62	9.29	8.26	9.10	9.89	
Castillo, George	1.64	6.57	9.93	3.85	9.57	7.82	9.37	9.86	
Avis, Steven	1.69	6.72	9.82	3.81	9.28	7.93	9.12	9.95	
Sanchez, Wilhelm	1.19	6.13	9.91	3.77	9.44	7.60	9.42	9.98	
Skuzinski, John	1.82	7.21	9.60	4.38	8.70	7.51	9.59	9.85	
Sanchez, Arthur	1.72	6.45	9.90	4.66	9.58	7.86	9.72	9.87	
Cumberworth, Lee	1.24	5.77	9.89	4.05	9.13	7.37	9.74	9.94	
Campbell, Bryan	1.29	7.43	9.84	4.47	9.23	6.88	9.30	9.96	
Swanson, Dennis	1.84	5.99	9.70	4.25	8.99	7.58	9.30	9.94	
Rodriguez, Jesus (Jesse)	1.44	5.97	9.77	3.92	8.92	7.79	9.43	9.79	
Lonsway, Chris	1.37	5.98	9.86	3.66	9.23	7.28	9.49	9.80	
Kobrinetz, Joaquin J.	1.53	6.32	9.95	4.05	9.53	7.90	9.34	9.95	
Lowsky, John	2.16	7.64	9.94	4.45	9.51	8.49	9.54	9.91	
MAXIMUM	2.16	7.64	9.95	4.66	9.58	8.49	9.74	9.98	
MINIMUM	1.19	5.77	9.60	3.66	8.70	6.88	9.10	9.79	
RANGE(MAX-MIN)	0.970	1.870	0.350	1.000	0.880	1.610	0.640	0.190	
MEAN	1.561	6.501	9.842	4.149	9.262	7.713	9.420	9.899	
STANDARD DEVIATION	0.283	0.596	0.102	0.341	0.272	0.418	0.198	0.062	

Part ID= B1 - SEQUENCE III

B1 YI Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCTOT	THTOT	ATTOT	
May, Marianne	-0.71	-0.29	-0.11	1.38	0.10	1.31	-1.62	-0.15	
Castillo, George	0.28	0.12	0.87	-0.88	1.13	0.26	-0.25	-0.64	
Avis, Steven	0.46	0.37	-0.21	-0.99	0.07	0.52	-1.51	0.82	
Sanchez, Wilhelm	-1.31	-0.62	0.67	-1.11	0.66	-0.27	0.00	1.31	
Skuzinski, John	0.92	1.19	-2.37	0.68	-2.06	-0.49	0.86	-0.80	
Sanchez, Arthur	0.56	-0.09	0.57	1.50	1.17	0.35	1.51	-0.47	
Cumberworth, Lee	-1.14	-1.23	0.48	-0.29	-0.48	-0.82	1.62	0.66	
Campbell, Bryan	-0.96	1.56	-0.02	0.94	-0.12	-1.99	-0.61	0.99	
Swanson, Dennis	0.99	-0.86	-1.39	0.30	-1.00	-0.32	-0.61	0.66	
Rodriguez, Jesus (Jesse)	-0.43	-0.89	-0.70	-0.67	-1.26	0.18	0.05	-1.77	
Lonsway, Chris	-0.68	-0.87	0.18	-1.43	-0.12	-1.04	0.35	-1.61	
Kobrinetz, Joaquin J.	-0.11	-0.30	1.07	-0.29	0.99	0.45	-0.40	0.82	
Lowsky, John	2.12	1.91	0.97	0.88	0.91	1.86	0.61	0.17	
MAXIMUM	2.12	1.91	-2.37	1.50	-2.06	-1.99	-1.62	-1.77	
MINIMUM	-0.11	-0.09	-0.02	-0.29	0.07	0.18	0.00	-0.15	
RANGE(MAX-MIN)	2.229	1.996	-2.359	1.786	-2.132	-2.178	-1.616	-1.624	
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	

LIGHT DUTY RATING WORKSHOP (2011 APR 26-28)

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
May, Marianne	0.79	3.44	8.92	3.45	6.92	7.77	8.88	9.86
Sanchez, Wilhelm	0.80	3.15	8.82	2.29	6.85	6.70	8.68	10.00
Castillo, George	0.82	3.30	9.09	2.75	6.51	7.57	8.62	9.93
Avis, Steven	0.75	3.59	8.88	2.22	6.25	7.28	8.67	9.98
Skuzinski, John	1.06	4.05	8.86	2.59	5.62	6.88	7.99	9.98
Sanchez, Arthur	1.04	3.57	9.17	2.28	6.75	7.70	9.10	9.90
Swanson, Dennis	1.10	3.33	8.95	2.77	6.17	7.03	8.90	9.89
Rodriguez, Jesus (Jesse)	0.75	2.78	9.00	2.25	7.11	7.29	8.85	9.90
Lonsway, Chris	0.75	2.60	8.80	2.22	6.36	7.48	8.75	9.90
Cumberworth, Lee	0.81	2.22	8.99	2.41	6.59	6.96	8.95	9.95
Lowsky, John	1.18	4.69	9.13	3.15	7.13	8.03	8.01	9.90
MAXIMUM	1.18	4.69	9.17	3.45	7.13	8.03	9.10	10.00
MINIMUM	0.75	2.22	8.80	2.22	5.62	6.70	7.99	9.86
RANGE(MAX-MIN)	0.430	2.470	0.370	1.230	1.510	1.330	1.110	0.140
MEAN	0.895	3.338	8.965	2.580	6.569	7.335	8.673	9.926
STANDARD DEVIATION	0.164	0.679	0.125	0.414	0.453	0.416	0.361	0.045

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
May, Marianne	-0.64	0.15	-0.36	2.10	0.77	1.04	0.58	-1.47
Sanchez, Wilhelm	-0.58	-0.28	-1.16	-0.70	0.62	-1.53	0.02	1.64
Castillo, George	-0.46	-0.06	1.01	0.41	-0.13	0.56	-0.15	0.08
Avis, Steven	-0.89	0.37	-0.68	-0.87	-0.70	-0.13	-0.01	1.19
Skuzinski, John	1.01	1.05	-0.84	0.02	-2.10	-1.09	-1.89	1.19
Sanchez, Arthur	0.88	0.34	1.65	-0.72	0.40	0.88	1.19	-0.59
Swanson, Dennis	1.25	-0.01	-0.12	0.46	-0.88	-0.73	0.63	-0.81
Rodriguez, Jesus (Jesse)	-0.89	-0.82	0.28	-0.80	1.19	-0.11	0.49	-0.59
Lonsway, Chris	-0.89	-1.09	-1.32	-0.87	-0.46	0.35	0.21	-0.59
Cumberworth, Lee	-0.52	-1.65	0.20	-0.41	0.05	-0.90	0.77	0.53
Lowsky, John	1.74	1.99	1.33	1.38	1.24	1.67	-1.84	-0.59
MAXIMUM	1.74	1.99	1.65	2.10	-2.10	1.67	-1.89	1.64
MINIMUM	-0.46	-0.01	-0.12	0.02	0.05	-0.11	-0.01	0.08
RANGE(MAX-MIN)	2.201	2.004	1.764	2.075	-2.142	1.779	-1.886	1.555
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

LIGHT DUTY RATING WORKSHOP (2011 APR 26-28)

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
Adams, Patrick	1.37	5.30	9.90	1.89	8.57	6.13	9.34	9.56
Castillo, George	1.10	5.21	9.96	1.52	8.59	6.84	9.23	9.67
Sanchez, Wilhelm	1.05	5.42	9.82	1.43	8.68	5.70	9.41	9.64
Avis, Steven	0.98	5.33	9.85	1.48	8.18	5.75	9.20	9.55
May, Marianne	1.04	5.33	9.85	1.52	8.74	6.99	9.14	9.68
Skuzinski, John	1.22	5.61	9.50	1.65	8.00	6.15	9.68	9.74
Sanchez, Arthur	1.00	5.89	9.90	1.76	9.14	6.04	9.54	9.67
Swanson, Dennis	1.12	5.28	9.37	2.09	8.05	5.45	9.17	9.45
Rodriguez, Jesus (Jesse)	1.14	5.02	9.80	1.56	8.67	5.50	9.09	9.57
Cumberworth, Lee	1.12	3.80	9.75	1.59	8.55	5.81	9.85	9.90
Lonsway, Chris	1.54	5.16	9.85	1.61	8.57	5.36	9.27	9.61
Lowsky, John	1.95	6.22	9.85	1.43	9.14	7.75	8.98	9.44
MAXIMUM	1.95	6.22	9.96	2.09	9.14	7.75	9.85	9.90
MINIMUM	0.98	3.80	9.37	1.43	8.00	5.36	8.98	9.44
RANGE(MAX-MIN)	0.970	2.420	0.590	0.660	1.140	2.390	0.870	0.460
MEAN	1.219	5.298	9.783	1.628	8.573	6.123	9.325	9.623
STANDARD DEVIATION	0.281	0.577	0.173	0.198	0.363	0.724	0.255	0.126

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
Adams, Patrick	0.54	0.00	0.67	1.33	-0.01	0.01	0.06	-0.50
Castillo, George	-0.42	-0.15	1.02	-0.54	0.05	0.99	-0.37	0.37
Sanchez, Wilhelm	-0.60	0.21	0.21	-1.00	0.29	-0.58	0.33	0.13
Avis, Steven	-0.85	0.06	0.38	-0.75	-1.08	-0.51	-0.49	-0.58
May, Marianne	-0.64	0.06	0.38	-0.54	0.46	1.20	-0.73	0.45
Skuzinski, John	0.00	0.54	-1.64	0.11	-1.58	0.04	1.39	0.93
Sanchez, Arthur	-0.78	1.03	0.67	0.67	1.56	-0.11	0.84	0.37
Swanson, Dennis	-0.35	-0.03	-2.39	2.34	-1.44	-0.93	-0.61	-1.38
Rodriguez, Jesus (Jesse)	-0.28	-0.48	0.10	-0.34	0.27	-0.86	-0.92	-0.42
Cumberworth, Lee	-0.35	-2.60	-0.19	-0.19	-0.06	-0.43	2.06	2.20
Lonsway, Chris	1.14	-0.24	0.38	-0.09	-0.01	-1.05	-0.22	-0.11
Lowsky, John	2.60	1.60	0.38	-1.00	1.56	2.25	-1.35	-1.46
MAXIMUM	2.60	-2.60	-2.39	2.34	-1.58	2.25	2.06	2.20
MINIMUM	0.00	0.00	0.10	-0.09	-0.01	0.01	0.06	-0.11
RANGE(MAX-MIN)	2.602	-2.599	-2.482	2.428	-1.571	2.239	2.000	2.305
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

LIGHT DUTY RATING WORKSHOP (2011 APR 26-28)

Part ID= B4 - 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	4.46	3.34	9.80	2.78	7.75	6.63	9.33	9.80
Castillo, George	4.60	3.92	9.89	2.23	8.31	7.41	9.43	9.86
Avis, Steven	5.76	3.76	9.73	2.19	7.83	7.15	9.36	9.96
May, Marianne	3.49	3.85	9.83	2.38	8.57	7.19	9.37	9.90
Lonsway, Chris	3.74	3.82	9.75	2.59	8.10	6.35	9.30	9.81
Skuzinski, John	5.06	4.91	9.49	2.79	8.45	6.75	9.43	9.94
Sanchez, Arthur	6.37	3.30	9.90	2.66	8.71	7.28	9.55	9.85
Swanson, Dennis	5.00	3.71	9.55	2.02	7.79	6.75	9.18	9.92
Rodriguez, Jesus (Jesse)	3.72	3.66	9.70	2.54	7.88	6.92	9.26	9.73
Sanchez, Wilhelm	4.20	3.12	9.80	2.19	8.06	5.55	9.46	9.95
Cumberworth, Lee	3.24	3.49	9.74	1.85	8.10	6.85	9.69	9.97
Lowsky, John	7.18	4.33	9.93	2.65	9.13	7.82	9.36	9.95
MAXIMUM	7.18	4.91	9.93	2.79	9.13	7.82	9.69	9.97
MINIMUM	3.24	3.12	9.49	1.85	7.75	5.55	9.18	9.73
RANGE(MAX-MIN)	3.940	1.790	0.440	0.940	1.380	2.270	0.510	0.240
MEAN	4.735	3.768	9.759	2.406	8.223	6.888	9.393	9.887
STANDARD DEVIATION	1.208	0.483	0.133	0.308	0.424	0.575	0.134	0.077

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	THIOT	ATTOT
Adams, Patrick	-0.23	-0.88	0.31	1.21	-1.12	-0.45	-0.47	-1.13
Castillo, George	-0.11	0.32	0.98	-0.57	0.20	0.91	0.27	-0.35
Avis, Steven	0.85	-0.02	-0.22	-0.70	-0.93	0.46	-0.25	0.96
May, Marianne	-1.03	0.17	0.53	-0.08	0.82	0.53	-0.17	0.17
Lonsway, Chris	-0.82	0.11	-0.07	0.60	-0.29	-0.93	-0.69	-1.00
Skuzinski, John	0.27	2.37	-2.02	1.25	0.53	-0.24	0.27	0.70
Sanchez, Arthur	1.35	-0.97	1.06	0.82	1.15	0.68	1.17	-0.48
Swanson, Dennis	0.22	-0.12	-1.57	-1.25	-1.02	-0.24	-1.59	0.44
Rodriguez, Jesus (Jesse)	-0.84	-0.22	-0.44	0.44	-0.81	0.06	-0.99	-2.05
Sanchez, Wilhelm	-0.44	-1.34	0.31	-0.70	-0.39	-2.32	0.50	0.83
Cumberworth, Lee	-1.24	-0.57	-0.14	-1.80	-0.29	-0.07	2.21	1.09
Lowsky, John	2.02	1.16	1.28	0.79	2.14	1.62	-0.25	0.83
MAXIMUM	2.02	2.37	-2.02	-1.80	2.14	-2.32	2.21	-2.05
MINIMUM	-0.11	-0.02	-0.07	-0.08	0.20	0.06	-0.17	0.17
RANGE(MAX-MIN)	2.135	2.381	-1.950	-1.718	1.933	-2.381	2.382	-2.221
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

LIGHT DUTY RATING WORKSHOP (2011 APR 26-28)

Part ID= B5 - SQUARE CUT

Rated Values

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

Rater	G1TOT	G2TOT	G3TOT	G4TOT	L2TOT	L3TOT	L4TOT
Castillo, George	0.34	5.28	9.90	9.95	1.18	8.07	8.67
May, Marianne	0.30	5.34	9.87	9.92	1.66	8.92	9.28
Avis, Steven	0.23	5.06	9.90	9.90	1.19	8.05	8.82
Skuzinski, John	0.22	6.04	9.80	9.90	0.65	8.47	8.99
Swanson, Dennis	0.14	5.03	9.25	9.83	1.15	8.34	8.38
Lonsway, Chris	0.43	4.76	9.70	9.90	1.55	8.01	8.43
Sanchez, Arthur	0.23	5.44	9.89	9.88	1.28	9.06	9.61
Rodriguez, Jesus (Jesse)	0.26	5.11	9.90	9.90	1.54	8.74	8.76
Cumberworth, Lee	0.53	4.87	9.90	9.99	1.94	8.46	8.80
Lowsky, John	0.50	5.71	9.80	9.90	1.60	8.78	9.29
MAXIMUM	0.53	6.04	9.90	9.99	1.94	9.06	9.61
MINIMUM	0.14	4.76	9.25	9.83	0.65	8.01	8.38
RANGE(MAX-MIN)	0.390	1.280	0.650	0.160	1.290	1.050	1.230
MEAN	0.318	5.264	9.791	9.907	1.374	8.490	8.903
STANDARD DEVIATION	0.130	0.390	0.201	0.042	0.360	0.377	0.393

Part ID= B5 - SQUARE CUT

B5 YI Values

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

Rater	G1TOT	G2TOT	G3TOT	G4TOT	L2TOT	L3TOT	L4TOT
Castillo, George	0.17	0.04	0.54	1.03	-0.54	-1.11	-0.59
May, Marianne	-0.14	0.20	0.39	0.31	0.79	1.14	0.96
Avis, Steven	-0.68	-0.52	0.54	-0.17	-0.51	-1.17	-0.21
Skuzinski, John	-0.76	1.99	0.04	-0.17	-2.01	-0.05	0.22
Swanson, Dennis	-1.37	-0.60	-2.69	-1.84	-0.62	-0.40	-1.33
Lonsway, Chris	0.86	-1.29	-0.45	-0.17	0.49	-1.27	-1.20
Sanchez, Arthur	-0.68	0.45	0.49	-0.64	-0.26	1.51	1.80
Rodriguez, Jesus (Jesse)	-0.45	-0.40	0.54	-0.17	0.46	0.66	-0.36
Cumberworth, Lee	1.63	-1.01	0.54	1.98	1.57	-0.08	-0.26
Lowsky, John	1.40	1.14	0.04	-0.17	0.63	0.77	0.99
MAXIMUM	1.63	1.99	-2.69	1.98	-2.01	1.51	1.80
MINIMUM	-0.14	0.04	0.04	-0.17	-0.26	-0.05	-0.21
RANGE(MAX-MIN)	1.772	1.950	-2.732	2.147	-1.750	1.564	2.011
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

LIGHT DUTY RATING WORKSHOP (2011 APR 26-28)

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
Sanchez, Wilhelm	0.75	5.43	9.26	2.33	7.87	8.45	9.29	10.00
Castillo, George	0.75	5.66	9.35	2.38	7.75	8.30	9.00	10.00
Avis, Steven	0.75	5.83	9.17	2.30	7.95	8.66	9.04	10.00
May, Marianne	0.92	5.84	9.32	2.61	8.43	9.02	9.14	9.92
Skuzinski, John	0.75	5.78	9.15	2.26	7.89	8.76	9.45	9.90
Lonsway, Chris	1.66	4.76	9.25	2.55	7.62	8.58	8.75	9.90
Sanchez, Arthur	0.75	6.39	9.16	2.25	8.26	9.03	9.45	9.90
Swanson, Dennis	1.21	5.26	9.23	3.18	7.86	8.25	9.41	9.96
Rodriguez, Jesus (Jesse)	0.75	5.37	9.40	2.20	8.50	8.77	9.09	9.90
Cumberworth, Lee	1.21	4.73	9.46	2.60	7.83	8.31	9.72	9.95
MAXIMUM	1.66	6.39	9.46	3.18	8.50	9.03	9.72	10.00
MINIMUM	0.75	4.73	9.15	2.20	7.62	8.25	8.75	9.90
RANGE(MAX-MIN)	0.910	1.660	0.310	0.980	0.880	0.780	0.970	0.100
MEAN	0.950	5.505	9.275	2.466	7.996	8.613	9.234	9.943
STANDARD DEVIATION	0.313	0.510	0.106	0.292	0.296	0.286	0.283	0.045

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
Sanchez, Wilhelm	-0.64	-0.15	-0.14	-0.47	-0.43	-0.57	0.20	1.27
Castillo, George	-0.64	0.30	0.71	-0.29	-0.83	-1.09	-0.83	1.27
Avis, Steven	-0.64	0.64	-0.99	-0.57	-0.16	0.16	-0.69	1.27
May, Marianne	-0.10	0.66	0.43	0.49	1.47	1.42	-0.33	-0.51
Skuzinski, John	-0.64	0.54	-1.18	-0.70	-0.36	0.51	0.76	-0.96
Lonsway, Chris	2.27	-1.46	-0.24	0.29	-1.27	-0.12	-1.71	-0.96
Sanchez, Arthur	-0.64	1.74	-1.09	-0.74	0.89	1.46	0.76	-0.96
Swanson, Dennis	0.83	-0.48	-0.43	2.44	-0.46	-1.27	0.62	0.38
Rodriguez, Jesus (Jesse)	-0.64	-0.26	1.18	-0.91	1.70	0.55	-0.51	-0.96
Cumberworth, Lee	0.83	-1.52	1.75	0.46	-0.56	-1.06	1.72	0.16
MAXIMUM	2.27	1.74	1.75	2.44	1.70	1.46	1.72	1.27
MINIMUM	-0.10	-0.15	-0.14	0.29	-0.16	-0.12	0.20	0.16
RANGE(MAX-MIN)	2.366	1.883	1.895	2.156	1.857	1.572	1.521	1.118
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

LIGHT DUTY RATING WORKSHOP (2011 APR 26-28)

Part ID= B7 - SQUARE CUT

Rated Values

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

Rater	G1TOT	G2TOT	G3TOT	G4TOT	L2TOT	L3TOT	L4TOT
May, Marianne	2.09	8.32	9.80	9.85	5.24	9.00	9.70
Castillo, George	2.34	9.21	9.72	9.83	5.88	8.07	9.27
Sanchez, Arthur	2.37	9.21	9.90	9.90	6.87	9.44	9.90
Skuzinski, John	2.84	7.46	9.49	9.75	6.20	9.73	9.78
Swanson, Dennis	2.63	7.75	9.61	9.95	6.04	8.85	9.58
Avis, Steven	2.63	7.88	9.86	9.90	5.65	7.96	9.61
Adams, Patrick	2.67	8.07	9.62	9.90	5.20	8.65	9.38
Cumberworth, Lee	2.53	8.23	9.76	9.86	5.71	8.82	9.51
Rodriguez, Jesus (Jesse)	1.84	8.46	9.86	9.90	5.43	8.72	9.62
Zalewski, John	3.05	7.90	9.53	9.89	6.51	8.91	9.54
MAXIMUM	3.05	9.21	9.90	9.95	6.87	9.73	9.90
MINIMUM	1.84	7.46	9.49	9.75	5.20	7.96	9.27
RANGE(MAX-MIN)	1.210	1.750	0.410	0.200	1.670	1.770	0.630
MEAN	2.499	8.249	9.715	9.873	5.873	8.815	9.589
STANDARD DEVIATION	0.354	0.583	0.145	0.055	0.544	0.537	0.183

Part ID= B7 - SQUARE CUT

B7 YI Values

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

Rater	G1TOT	G2TOT	G3TOT	G4TOT	L2TOT	L3TOT	L4TOT
May, Marianne	-1.16	0.12	0.58	-0.42	-1.16	0.34	0.61
Castillo, George	-0.45	1.65	0.03	-0.79	0.01	-1.39	-1.74
Sanchez, Arthur	-0.36	1.65	1.27	0.49	1.83	1.16	1.70
Skuzinski, John	0.96	-1.35	-1.55	-2.25	0.60	1.70	1.04
Swanson, Dennis	0.37	-0.86	-0.72	1.41	0.31	0.07	-0.05
Avis, Steven	0.37	-0.63	1.00	0.49	-0.41	-1.59	0.11
Adams, Patrick	0.48	-0.31	-0.65	0.49	-1.24	-0.31	-1.14
Cumberworth, Lee	0.09	-0.03	0.31	-0.24	-0.30	0.01	-0.43
Rodriguez, Jesus (Jesse)	-1.86	0.36	1.00	0.49	-0.81	-0.18	0.17
Zalewski, John	1.56	-0.60	-1.27	0.31	1.17	0.18	-0.27
MAXIMUM	-1.86	1.65	-1.55	-2.25	1.83	1.70	-1.74
MINIMUM	0.09	-0.03	0.03	-0.24	0.01	0.01	-0.05
RANGE(MAX-MIN)	-1.949	1.681	-1.581	-2.015	1.821	1.695	-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

LIGHT DUTY RATING WORKSHOP (2011 APR 26-28)

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
Kobrinetz, Joaquin J.	2.29	0.71	8.85	0.67	2.42	2.50	9.30	9.92
Radonich, Pete	1.83	0.71	8.71	0.52	2.78	2.75	8.85	9.90
Lopez, Frank	2.00	0.69	8.69	0.84	2.32	2.52	8.98	9.90
Barrera, Tony	1.86	0.70	8.30	0.68	2.57	3.40	9.06	9.97
Trevino, Bobby	2.45	0.71	8.31	0.65	2.64	3.08	9.15	9.86
Caproni, David	1.96	0.75	8.25	0.60	2.53	3.25	8.39	9.80
Lowsky, John	3.22	0.75	8.73	0.94	2.96	3.80	8.72	9.77
Adams, Patrick	1.36	0.69	8.54	0.67	2.94	2.65	8.85	9.80
Hurst, Kevin R.	2.46	0.71	8.53	0.90	2.62	2.62	9.54	9.90
Skuzinski, John	2.20	0.70	7.96	0.35	2.69	3.03	9.13	9.88
Seiz, Ray	2.49	0.68	8.77	0.79	2.74	2.45	9.18	9.84
Castillo, George	2.45	0.72	8.36	0.68	2.70	3.93	9.12	9.90
Avis, Steven	2.08	0.71	7.98	0.60	2.32	2.68	9.16	9.99
Swanson, Dennis	2.40	0.88	8.24	0.58	2.45	2.70	8.25	9.94
MAXIMUM	3.22	0.88	8.85	0.94	2.96	3.93	9.54	9.99
MINIMUM	1.36	0.68	7.96	0.35	2.32	2.45	8.25	9.77
RANGE(MAX-MIN)	1.860	0.200	0.890	0.590	0.640	1.480	1.290	0.220
MEAN	2.218	0.722	8.444	0.676	2.620	2.954	8.977	9.884
STANDARD DEVIATION	0.432	0.050	0.288	0.155	0.202	0.481	0.345	0.064

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
Kobrinetz, Joaquin J.	0.17	-0.24	1.41	-0.04	-0.99	-0.94	0.94	0.57
Radonich, Pete	-0.90	-0.24	0.92	-1.01	0.79	-0.42	-0.37	0.26
Lopez, Frank	-0.50	-0.65	0.85	1.06	-1.49	-0.90	0.01	0.26
Barrera, Tony	-0.83	-0.45	-0.50	0.02	-0.25	0.93	0.24	1.34
Trevino, Bobby	0.54	-0.24	-0.47	-0.17	0.10	0.26	0.50	-0.37
Caproni, David	-0.60	0.56	-0.68	-0.49	-0.45	0.61	-1.70	-1.30
Lowsky, John	2.32	0.56	0.99	1.70	1.69	1.76	-0.75	-1.77
Adams, Patrick	-1.98	-0.65	0.33	-0.04	1.59	-0.63	-0.37	-1.30
Hurst, Kevin R.	0.56	-0.24	0.30	1.44	0.00	-0.69	1.63	0.26
Skuzinski, John	-0.04	-0.45	-1.68	-2.11	0.35	0.16	0.44	-0.06
Seiz, Ray	0.63	-0.85	1.13	0.73	0.59	-1.05	0.59	-0.68
Castillo, George	0.54	-0.04	-0.29	0.02	0.40	2.03	0.41	0.26
Avis, Steven	-0.32	-0.24	-1.61	-0.49	-1.49	-0.57	0.53	1.66
Swanson, Dennis	0.42	3.18	-0.71	-0.62	-0.84	-0.53	-2.11	0.88
MAXIMUM	2.32	3.18	-1.68	-2.11	1.69	2.03	-2.11	-1.77
MINIMUM	-0.04	-0.04	-0.29	0.02	0.00	0.16	0.01	-0.06
RANGE(MAX-MIN)	2.359	3.223	-1.391	-2.131	1.685	1.870	-2.115	-1.711
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

LIGHT DUTY RATING WORKSHOP (2011 APR 26-28)

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
Radonich, Pete	0.74	0.75	8.51	0.98	0.82	1.60	9.59	9.95
Lopez, Frank	0.75	0.75	8.95	1.35	1.00	1.43	9.46	9.90
Barrera, Tony	0.75	0.75	8.00	1.16	0.83	1.83	9.63	9.91
Adams, Patrick	0.75	0.75	8.67	1.25	0.97	2.20	9.57	9.80
Caproni, David	0.60	0.75	7.80	1.25	1.04	1.53	9.46	9.90
Lowsky, John	0.75	0.75	8.71	1.11	0.88	2.40	9.31	9.77
Hurst, Kevin R.	0.68	0.75	8.25	1.55	0.98	1.38	9.77	9.89
Kobrinetz, Joaquin J.	0.75	0.75	8.64	1.08	0.87	1.46	9.67	9.90
Skuzinski, John	0.75	0.75	8.10	1.14	0.84	1.65	9.66	9.99
Trevino, Bobby	0.75	0.75	8.27	1.15	0.91	1.58	9.52	9.83
Seiz, Ray	2.04	0.65	8.70	1.53	0.85	1.52	9.44	9.50
Castillo, George	0.75	0.75	8.49	1.11	0.82	1.55	9.27	9.89
Avis, Steven	0.71	0.75	7.76	1.07	0.80	1.38	9.63	9.95
Swanson, Dennis	1.29	0.87	7.48	1.12	0.95	1.40	9.21	9.83
MAXIMUM	2.04	0.87	8.95	1.55	1.04	2.40	9.77	9.99
MINIMUM	0.60	0.65	7.48	0.98	0.80	1.38	9.21	9.50
RANGE(MAX-MIN)	1.440	0.220	1.470	0.570	0.240	1.020	0.560	0.490
MEAN	0.861	0.751	8.309	1.204	0.897	1.636	9.514	9.858
STANDARD DEVIATION	0.373	0.043	0.432	0.168	0.078	0.308	0.165	0.119

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
Radonich, Pete	-0.33	-0.03	0.46	-1.33	-0.99	-0.12	0.46	0.77
Lopez, Frank	-0.30	-0.03	1.48	0.87	1.32	-0.67	-0.33	0.35
Barrera, Tony	-0.30	-0.03	-0.72	-0.26	-0.86	0.63	0.71	0.44
Adams, Patrick	-0.30	-0.03	0.83	0.28	0.94	1.83	0.34	-0.48
Caproni, David	-0.70	-0.03	-1.18	0.28	1.84	-0.35	-0.33	0.35
Lowsky, John	-0.30	-0.03	0.93	-0.56	-0.22	2.48	-1.24	-0.74
Hurst, Kevin R.	-0.49	-0.03	-0.14	2.06	1.07	-0.83	1.56	0.27
Kobrinetz, Joaquin J.	-0.30	-0.03	0.77	-0.73	-0.35	-0.57	0.95	0.35
Skuzinski, John	-0.30	-0.03	-0.48	-0.38	-0.74	0.04	0.89	1.11
Trevino, Bobby	-0.30	-0.03	-0.09	-0.32	0.17	-0.18	0.04	-0.23
Seiz, Ray	3.16	-2.34	0.90	1.94	-0.61	-0.38	-0.45	-3.00
Castillo, George	-0.30	-0.03	0.42	-0.56	-0.99	-0.28	-1.48	0.27
Avis, Steven	-0.41	-0.03	-1.27	-0.79	-1.25	-0.83	0.71	0.77
Swanson, Dennis	1.15	2.74	-1.92	-0.50	0.68	-0.77	-1.85	-0.23
MAXIMUM	3.16	2.74	-1.92	2.06	1.84	2.48	-1.85	-3.00
MINIMUM	-0.30	-0.03	-0.09	-0.26	0.17	0.04	0.04	-0.23
RANGE(MAX-MIN)	3.456	2.772	-1.827	2.316	1.673	2.432	-1.884	-2.765
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

LIGHT DUTY RATING WORKSHOP (2011 APR 26-28)

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	
Campbell, Bryan	1.19	0.68	7.78	0.90	2.00	2.72	9.22	9.90	
Trevino, Bobby	1.15	0.72	7.39	0.80	1.67	1.28	9.12	9.84	
Barrera, Tony	0.95	0.71	7.43	0.75	1.51	1.33	9.30	9.94	
Adams, Patrick	1.38	0.71	7.37	0.87	1.99	1.39	8.99	9.80	
Lowsky, John	1.16	0.75	8.15	0.90	2.00	2.38	9.20	9.62	
Caproni, David	1.28	0.70	7.34	0.82	2.22	1.30	8.54	9.80	
Radonich, Pete	1.08	0.75	7.34	0.68	1.36	1.20	9.30	9.90	
Kobrinetz, Joaquin J.	1.09	0.74	7.53	0.77	1.66	1.29	9.34	9.95	
Hurst, Kevin R.	1.06	0.72	7.15	0.80	1.47	1.30	9.45	9.89	
Lopez, Frank	1.16	0.72	7.73	1.05	1.31	1.14	9.18	9.90	
Skuzinski, John	1.19	0.75	7.19	0.78	1.79	1.25	8.78	9.98	
Seiz, Ray	0.91	0.55	8.22	0.72	2.40	1.15	9.43	9.76	
Castillo, George	1.04	0.73	7.87	0.81	1.44	1.30	9.13	9.86	
Avis, Steven	1.19	0.71	7.02	0.63	1.38	1.15	9.19	9.89	
Swanson, Dennis	1.30	0.89	6.85	0.86	1.64	1.45	8.32	9.93	
MAXIMUM	1.38	0.89	8.22	1.05	2.40	2.72	9.45	9.98	
MINIMUM	0.91	0.55	6.85	0.63	1.31	1.14	8.32	9.62	
RANGE(MAX-MIN)	0.470	0.340	1.370	0.420	1.090	1.580	1.130	0.360	
MEAN	1.142	0.722	7.491	0.809	1.723	1.442	9.099	9.864	
STANDARD DEVIATION	0.126	0.067	0.393	0.101	0.334	0.463	0.321	0.091	

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	
Campbell, Bryan	0.38	-0.62	0.74	0.89	0.83	2.76	0.38	0.40	
Trevino, Bobby	0.06	-0.03	-0.26	-0.09	-0.16	-0.35	0.06	-0.26	
Barrera, Tony	-1.52	-0.18	-0.15	-0.59	-0.64	-0.24	0.62	0.84	
Adams, Patrick	1.89	-0.18	-0.31	0.60	0.80	-0.11	-0.34	-0.71	
Lowsky, John	0.14	0.42	1.68	0.89	0.83	2.03	0.31	-2.69	
Caproni, David	1.09	-0.33	-0.38	0.11	1.49	-0.31	-1.74	-0.71	
Radonich, Pete	-0.49	0.42	-0.38	-1.28	-1.09	-0.52	0.62	0.40	
Kobrinetz, Joaquin J.	-0.41	0.27	0.10	-0.39	-0.19	-0.33	0.75	0.95	
Hurst, Kevin R.	-0.65	-0.03	-0.87	-0.09	-0.76	-0.31	1.09	0.29	
Lopez, Frank	0.14	-0.03	0.61	2.38	-1.24	-0.65	0.25	0.40	
Skuzinski, John	0.38	0.42	-0.76	-0.29	0.20	-0.42	-0.99	1.28	
Seiz, Ray	-1.84	-2.56	1.85	-0.88	2.03	-0.63	1.03	-1.15	
Castillo, George	-0.81	0.12	0.96	0.01	-0.85	-0.31	0.10	-0.04	
Avis, Steven	0.38	-0.18	-1.20	-1.77	-1.03	-0.63	0.28	0.29	
Swanson, Dennis	1.25	2.50	-1.63	0.50	-0.25	0.02	-2.43	0.73	
MAXIMUM	1.89	-2.56	1.85	2.38	2.03	2.76	-2.43	-2.69	
MINIMUM	0.06	-0.03	0.10	0.01	-0.16	0.02	0.06	-0.04	
RANGE(MAX-MIN)	1.824	-2.529	1.755	2.369	2.189	2.746	-2.490	-2.644	
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	

LIGHT DUTY RATING WORKSHOP (2011 APR 26-28)

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
Radonich, Pete	1.00	0.82	8.94	0.78	2.78	3.10	9.63	9.95
Campbell, Bryan	1.41	0.96	8.43	0.93	3.91	4.40	9.80	9.93
Lopez, Frank	0.90	0.82	8.99	0.87	3.37	3.32	9.56	9.90
Barrera, Tony	0.87	0.78	8.44	0.90	3.23	4.13	9.72	9.94
Adams, Patrick	1.03	0.93	8.62	1.03	3.54	4.13	9.43	9.80
Lowsky, John	1.16	1.31	9.05	0.84	3.65	4.43	9.65	9.74
Caproni, David	0.98	1.19	8.59	1.04	3.77	3.54	9.37	9.90
Kobrinetz, Joaquin J.	1.01	1.00	9.05	0.86	3.02	3.46	9.75	9.93
Hurst, Kevin R.	1.11	0.88	8.75	0.99	3.32	2.88	9.81	9.90
Skuzinski, John	1.07	1.00	7.19	0.96	3.73	3.76	9.88	9.98
Seiz, Ray	0.95	0.97	8.84	0.89	3.65	4.54	9.71	9.80
Castillo, George	0.93	0.97	8.70	0.82	3.49	3.88	9.71	9.90
Trevino, Bobby	1.16	0.90	8.51	0.97	3.38	3.71	9.66	9.87
Swanson, Dennis	1.47	1.22	8.40	0.83	3.14	3.20	9.58	9.96
MAXIMUM	1.47	1.31	9.05	1.04	3.91	4.54	9.88	9.98
MINIMUM	0.87	0.78	7.19	0.78	2.78	2.88	9.37	9.74
RANGE(MAX-MIN)	0.600	0.530	1.860	0.260	1.130	1.660	0.510	0.240
MEAN	1.075	0.982	8.607	0.908	3.427	3.749	9.661	9.893
STANDARD DEVIATION	0.178	0.157	0.468	0.081	0.314	0.527	0.142	0.069

Part ID= C4 - SEQUENCE III

C4 YI Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCTOT	THTOT	ATTOT
Radonich, Pete	-0.42	-1.03	0.71	-1.58	-2.06	-1.23	-0.22	0.83
Campbell, Bryan	1.88	-0.14	-0.38	0.27	1.54	1.24	0.98	0.54
Lopez, Frank	-0.98	-1.03	0.82	-0.47	-0.18	-0.81	-0.72	0.10
Barrera, Tony	-1.15	-1.28	-0.36	-0.10	-0.63	0.72	0.41	0.68
Adams, Patrick	-0.25	-0.33	0.03	1.51	0.36	0.72	-1.63	-1.35
Lowsky, John	0.48	2.08	0.95	-0.84	0.71	1.29	-0.08	-2.22
Caproni, David	-0.53	1.32	-0.04	1.63	1.09	-0.40	-2.05	0.10
Kobrinetz, Joaquin J.	-0.36	0.11	0.95	-0.59	-1.30	-0.55	0.62	0.54
Hurst, Kevin R.	0.20	-0.65	0.30	1.02	-0.34	-1.65	1.05	0.10
Skuzinski, John	-0.03	0.11	-3.02	0.64	0.96	0.02	1.54	1.27
Seiz, Ray	-0.70	-0.08	0.50	-0.22	0.71	1.50	0.34	-1.35
Castillo, George	-0.81	-0.08	0.20	-1.09	0.20	0.25	0.34	0.10
Trevino, Bobby	0.48	-0.52	-0.21	0.77	-0.15	-0.07	-0.01	-0.33
Swanson, Dennis	2.21	1.51	-0.44	-0.96	-0.91	-1.04	-0.57	0.97
MAXIMUM	2.21	2.08	-3.02	1.63	-2.06	-1.65	-2.05	-2.22
MINIMUM	-0.03	-0.08	0.03	-0.10	-0.15	0.02	-0.01	0.10
RANGE(MAX-MIN)	2.241	2.160	-3.052	1.731	-1.911	-1.670	-2.044	-2.323
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

LIGHT DUTY RATING WORKSHOP (2011 APR 26-28)

Part ID= C5 - SQUARE CUT

Rated Values

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

Rater	G1TOT	G2TOT	G3TOT	G4TOT	I2TOT	I3TOT	I4TOT
Adams, Patrick	2.15	6.45	9.84	9.90	4.63	9.51	9.58
Campbell, Bryan	0.70	8.50	9.91	9.93	4.78	8.58	9.18
Barrera, Tony	1.71	6.04	9.69	9.71	4.77	9.66	9.79
Radonich, Pete	1.70	6.45	9.85	9.90	4.96	9.85	9.90
Caproni, David	2.14	6.56	9.40	9.90	5.79	9.50	9.60
Kobrinetz, Joaquin J.	2.00	6.10	9.80	9.85	5.52	9.50	9.80
Hurst, Kevin R.	2.21	6.84	9.78	9.75	5.33	9.60	9.75
Lopez, Frank	2.14	6.73	9.80	9.90	5.18	9.53	9.80
Lowsky, John	2.54	7.46	9.68	9.75	5.39	9.50	9.58
Skuzinski, John	3.20	5.80	9.20	9.40	5.01	8.90	8.90
Foecking, Brian	1.82	6.49	9.86	9.93	4.86	9.83	9.88
Seiz, Ray	2.09	6.08	9.74	9.85	5.48	9.54	9.70
Castillo, George	1.40	5.83	9.77	9.82	5.47	9.74	9.70
Avis, Steven	1.37	5.93	9.90	10.00	4.84	9.80	9.90
Trevino, Bobby	2.18	6.59	9.85	9.90	4.95	9.66	9.71
Swanson, Dennis	1.67	5.23	9.61	9.53	4.91	9.59	9.66
MAXIMUM	3.20	8.50	9.91	10.00	5.79	9.85	9.90
MINIMUM	0.70	5.23	9.20	9.40	4.63	8.58	8.90
RANGE(MAX-MIN)	2.500	3.270	0.710	0.600	1.160	1.270	1.000
MEAN	1.939	6.443	9.730	9.814	5.117	9.518	9.652
STANDARD DEVIATION	0.553	0.752	0.190	0.158	0.338	0.332	0.265

Part ID= C5 - SQUARE CUT

C5 YI Values

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

Rater	G1TOT	G2TOT	G3TOT	G4TOT	I2TOT	I3TOT	I4TOT
Adams, Patrick	0.38	0.01	0.58	0.55	-1.44	-0.02	-0.27
Campbell, Bryan	-2.24	2.74	0.95	0.74	-1.00	-2.83	-1.78
Barrera, Tony	-0.41	-0.54	-0.21	-0.66	-1.03	0.43	0.52
Radonich, Pete	-0.43	0.01	0.63	0.55	-0.46	1.00	0.93
Caproni, David	0.36	0.16	-1.74	0.55	1.99	-0.05	-0.20
Kobrinetz, Joaquin J.	0.11	-0.46	0.37	0.23	1.19	-0.05	0.56
Hurst, Kevin R.	0.49	0.53	0.26	-0.40	0.63	0.25	0.37
Lopez, Frank	0.36	0.38	0.37	0.55	0.19	0.04	0.56
Lowsky, John	1.09	1.35	-0.26	-0.40	0.81	-0.05	-0.27
Skuzinski, John	2.28	-0.85	-2.79	-2.63	-0.32	-1.86	-2.83
Foecking, Brian	-0.21	0.06	0.68	0.74	-0.76	0.94	0.86
Seiz, Ray	0.27	-0.48	0.05	0.23	1.07	0.07	0.18
Castillo, George	-0.98	-0.81	0.21	0.04	1.04	0.67	0.18
Avis, Steven	-1.03	-0.68	0.89	1.18	-0.82	0.85	0.93
Trevino, Bobby	0.44	0.20	0.63	0.55	-0.49	0.43	0.22
Swanson, Dennis	-0.49	-1.61	-0.63	-1.80	-0.61	0.22	0.03
MAXIMUM	2.28	2.74	-2.79	-2.63	1.99	-2.83	-2.83
MINIMUM	0.11	0.01	0.05	0.04	0.19	-0.02	0.03
RANGE(MAX-MIN)	2.172	2.727	-2.842	-2.666	1.803	-2.802	-2.863
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

LIGHT DUTY RATING WORKSHOP (2011 APR 26-28)

Part ID= C6 - SEQUENCE III

Rated Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCTOT	THTOT	ATTOT
Radonich, Pete	1.14	1.62	8.68	0.73	4.40	2.60	8.75	9.80
Trevino, Bobby	1.49	1.43	8.51	0.90	3.94	3.16	9.14	9.79
Lopez, Frank	1.49	1.82	8.89	0.97	4.66	2.68	8.96	9.84
Barrera, Tony	1.22	1.20	8.36	0.80	4.00	3.43	8.85	9.84
Adams, Patrick	1.20	1.07	8.43	1.02	4.31	3.45	8.98	9.85
Caproni, David	1.57	1.40	7.94	0.99	4.30	3.48	8.67	9.70
Kobrinetz, Joaquin J.	1.47	1.42	8.80	0.77	4.41	3.08	9.31	9.91
Hurst, Kevin R.	1.55	1.75	8.22	1.04	4.32	2.70	9.39	9.86
Lowsky, John	2.65	1.58	8.68	0.98	5.08	4.37	8.76	9.69
Seiz, Ray	1.62	2.00	8.56	1.25	4.56	4.13	9.27	9.82
Skuzinski, John	3.25	1.38	8.18	0.62	4.15	2.60	9.00	9.84
Castillo, George	1.63	1.46	8.79	0.87	4.01	3.40	9.13	9.87
Swanson, Dennis	2.00	1.88	8.27	0.95	3.92	2.75	9.04	9.90
MAXIMUM	3.25	2.00	8.89	1.25	5.08	4.37	9.39	9.91
MINIMUM	1.14	1.07	7.94	0.62	3.92	2.60	8.67	9.69
RANGE(MAX-MIN)	2.110	0.930	0.950	0.630	1.160	1.770	0.720	0.220
MEAN	1.714	1.539	8.485	0.915	4.312	3.218	9.019	9.824
STANDARD DEVIATION	0.604	0.270	0.283	0.161	0.329	0.572	0.225	0.067

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	THTOT	ATTOT
Radonich, Pete	-0.95	0.30	0.69	-1.15	0.27	-1.08	-1.20	-0.36
Trevino, Bobby	-0.37	-0.41	0.09	-0.09	-1.13	-0.10	0.54	-0.51
Lopez, Frank	-0.37	1.04	1.43	0.34	1.06	-0.94	-0.26	0.24
Barrera, Tony	-0.82	-1.26	-0.44	-0.71	-0.95	0.37	-0.75	0.24
Adams, Patrick	-0.85	-1.74	-0.20	0.65	-0.01	0.41	-0.17	0.39
Caproni, David	-0.24	-0.52	-1.92	0.47	-0.04	0.46	-1.55	-1.86
Kobrinetz, Joaquin J.	-0.40	-0.44	1.11	-0.90	0.30	-0.24	1.29	1.30
Hurst, Kevin R.	-0.27	0.78	-0.94	0.78	0.02	-0.91	1.65	0.54
Lowsky, John	1.55	0.15	0.69	0.41	2.34	2.02	-1.15	-2.01
Seiz, Ray	-0.16	1.71	0.26	2.08	0.75	1.60	1.11	-0.06
Skuzinski, John	2.54	-0.59	-1.08	-1.83	-0.49	-1.08	-0.09	0.24
Castillo, George	-0.14	-0.29	1.07	-0.28	-0.92	0.32	0.49	0.69
Swanson, Dennis	0.47	1.26	-0.76	0.22	-1.19	-0.82	0.09	1.14
MAXIMUM	2.54	-1.74	-1.92	2.08	2.34	2.02	1.65	-2.01
MINIMUM	-0.14	0.15	0.09	-0.09	-0.01	-0.10	-0.09	-0.06
RANGE(MAX-MIN)	2.682	-1.892	-2.011	2.175	2.342	2.116	1.733	-1.954
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

LIGHT DUTY RATING WORKSHOP (2011 APR 26-28)

Part ID= C7 - SQUARE CUT

Rated Values

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

Rater	G1TOT	G2TOT	G3TOT	G4TOT	L2TOT	L3TOT	L4TOT
Kobrinetz, Joaquin J.	1.51	9.57	9.80	9.80	8.48	9.92	9.90
Barrera, Tony	1.19	9.69	9.99	9.99	8.25	9.99	10.00
Lowsky, John	2.22	9.74	9.76	9.76	8.99	9.80	9.79
Adams, Patrick	1.10	9.70	9.80	9.90	7.17	9.80	9.90
Caproni, David	1.57	9.50	9.90	9.90	8.08	9.90	9.90
Radonich, Pete	1.44	9.73	9.92	9.85	8.12	9.90	9.80
Hurst, Kevin R.	1.53	9.74	9.80	9.80	8.35	9.80	9.80
Lopez, Frank	0.32	9.75	9.90	9.90	7.95	10.00	10.00
Foecking, Brian	1.44	9.78	9.95	9.86	8.01	9.95	9.89
Skuzinski, John	1.63	9.45	9.90	9.90	9.10	9.80	9.90
Seiz, Ray	1.67	9.67	9.85	9.83	7.57	9.90	9.90
Castillo, George	1.27	9.74	9.84	9.77	8.56	9.80	9.90
Avis, Steven	1.29	8.88	9.80	9.90	7.91	10.00	10.00
Zalewski, John	1.66	9.79	9.90	9.89	8.63	9.90	9.90
MAXIMUM	2.22	9.79	9.99	9.99	9.10	10.00	10.00
MINIMUM	0.32	8.88	9.76	9.76	7.17	9.80	9.79
RANGE(MAX-MIN)	1.900	0.910	0.230	0.230	1.930	0.200	0.210
MEAN	1.417	9.624	9.865	9.861	8.226	9.890	9.899
STANDARD DEVIATION	0.416	0.238	0.068	0.063	0.519	0.078	0.069

Part ID= C7 - SQUARE CUT

C7 YI Values

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

Rater	G1TOT	G2TOT	G3TOT	G4TOT	L2TOT	L3TOT	L4TOT
Kobrinetz, Joaquin J.	0.22	-0.23	-0.96	-0.96	0.49	0.38	0.02
Barrera, Tony	-0.55	0.28	1.85	2.04	0.05	1.28	1.47
Lowsky, John	1.93	0.49	-1.55	-1.59	1.47	-1.15	-1.57
Adams, Patrick	-0.76	0.32	-0.96	0.62	-2.04	-1.15	0.02
Caproni, David	0.37	-0.52	0.52	0.62	-0.28	0.13	0.02
Radonich, Pete	0.05	0.45	0.81	-0.17	-0.21	0.13	-1.43
Hurst, Kevin R.	0.27	0.49	-0.96	-0.96	0.24	-1.15	-1.43
Lopez, Frank	-2.64	0.53	0.52	0.62	-0.53	1.41	1.47
Foecking, Brian	0.05	0.66	1.26	-0.01	-0.42	0.77	-0.12
Skuzinski, John	0.51	-0.73	0.52	0.62	1.68	-1.15	0.02
Seiz, Ray	0.61	0.20	-0.22	-0.49	-1.26	0.13	0.02
Castillo, George	-0.35	0.49	-0.37	-1.43	0.64	-1.15	0.02
Avis, Steven	-0.31	-3.13	-0.96	0.62	-0.61	1.41	1.47
Zalewski, John	0.58	0.70	0.52	0.46	0.78	0.13	0.02
MAXIMUM	-2.64	-3.13	1.85	2.04	-2.04	1.41	-1.57
MINIMUM	0.05	0.20	-0.22	-0.01	0.05	0.13	0.02
RANGE(MAX-MIN)	-2.691	-3.325	2.069	2.054	-2.080	1.278	-1.591
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

LIGHT DUTY RATING WORKSHOP (2011 APR 26-28)

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
Lowsky, John	9.85	7.90	9.50	8.40	9.25	9.50	9.00	9.40
Rodriguez, Jesus (Jesse)	9.50	8.00	9.00	7.90	8.20	9.60	9.00	8.40
Cumberworth, Lee	8.62	8.00	9.12	8.77	8.90	8.50	8.50	8.94
Viera, Ralph B.	9.50	8.70	9.00	7.80	8.50	9.30	9.00	8.80
Seiz, Ray	9.10	8.80	9.30	9.10	9.20	9.40	9.40	9.30
Castillo, George	9.50	7.80	9.00	7.60	8.80	9.20	8.00	8.90
Adams, Patrick	9.30	8.20	9.20	8.10	9.10	9.00	9.20	9.10
Zalewski, John	9.60	9.00	9.20	9.10	9.10	9.30	9.10	9.20
Barrera, Tony	9.40	8.50	9.10	8.60	8.80	9.00	8.80	9.10
Pitta, Jimmy	9.60	8.60	9.10	8.60	8.70	9.40	9.10	9.00
Radonich, Pete	9.60	8.10	8.80	8.00	8.50	9.00	9.00	8.90
Lopez, Frank	9.50	8.20	9.10	8.90	9.10	9.30	8.20	9.20
Sanchez, Arthur	9.60	8.00	8.80	7.80	8.50	9.40	9.10	9.00
Fujita, Hirokazu	9.50	8.70	9.10	8.50	8.60	9.30	8.70	9.10
Foecking, Brian	9.70	8.20	8.80	8.30	8.50	9.60	8.70	8.80
Kobrinetz, Joaquin J.	9.64	8.19	8.69	8.14	8.45	9.20	8.65	8.54
Hurst, Kevin R.	9.60	8.80	9.10	8.60	8.80	9.30	8.90	8.90
Campbell, Bryan	9.30	8.40	8.90	8.25	8.50	9.40	9.10	8.90
MAXIMUM	9.85	9.00	9.50	9.10	9.25	9.60	9.40	9.40
MINIMUM	8.62	7.80	8.69	7.60	8.20	8.50	8.00	8.40
RANGE(MAX-MIN)	1.230	1.200	0.810	1.500	1.050	1.100	1.400	1.000
MEAN	9.467	8.338	9.045	8.359	8.750	9.261	8.858	8.971
STANDARD DEVIATION	0.270	0.359	0.199	0.449	0.305	0.262	0.353	0.247

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
Lowsky, John	1.42	-1.22	2.29	0.09	1.64	0.91	0.40	1.73
Rodriguez, Jesus (Jesse)	0.12	-0.94	-0.23	-1.02	-1.80	1.30	0.40	-2.31
Cumberworth, Lee	-3.14	-0.94	0.38	0.92	0.49	-2.91	-1.01	-0.13
Viera, Ralph B.	0.12	1.01	-0.23	-1.24	-0.82	0.15	0.40	-0.69
Seiz, Ray	-1.36	1.29	1.28	1.65	1.48	0.53	1.53	1.33
Castillo, George	0.12	-1.50	-0.23	-1.69	0.16	-0.23	-2.43	-0.29
Adams, Patrick	-0.62	-0.39	0.78	-0.58	1.15	-1.00	0.97	0.52
Zalewski, John	0.49	1.85	0.78	1.65	1.15	0.15	0.68	0.93
Barrera, Tony	-0.25	0.45	0.28	0.54	0.16	-1.00	-0.17	0.52
Pitta, Jimmy	0.49	0.73	0.28	0.54	-0.16	0.53	0.68	0.12
Radonich, Pete	0.49	-0.66	-1.23	-0.80	-0.82	-1.00	0.40	-0.29
Lopez, Frank	0.12	-0.39	0.28	1.21	1.15	0.15	-1.86	0.93
Sanchez, Arthur	0.49	-0.94	-1.23	-1.24	-0.82	0.53	0.68	0.12
Fujita, Hirokazu	0.12	1.01	0.28	0.31	-0.49	0.15	-0.45	0.52
Foecking, Brian	0.86	-0.39	-1.23	-0.13	-0.82	1.30	-0.45	-0.69
Kobrinetz, Joaquin J.	0.64	-0.41	-1.78	-0.49	-0.98	-0.23	-0.59	-1.74
Hurst, Kevin R.	0.49	1.29	0.28	0.54	0.16	0.15	0.12	-0.29
Campbell, Bryan	-0.62	0.17	-0.73	-0.24	-0.82	0.53	0.68	-0.29
MAXIMUM	-3.14	1.85	2.29	-1.69	-1.80	-2.91	-2.43	-2.31
MINIMUM	0.12	0.17	-0.23	0.09	0.16	0.15	0.12	0.12
RANGE(MAX-MIN)	-3.262	1.673	2.511	-1.782	-1.968	-3.059	-2.548	-2.426
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

LIGHT DUTY RATING WORKSHOP (2011 APR 26-28)

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
Lowsky, John	9.95	9.80	9.55	8.85	9.80	9.30	9.85	9.15
Rodriguez, Jesus (Jesse)	9.70	9.50	8.10	7.80	9.60	9.50	9.60	8.00
Cumberworth, Lee	9.68	9.30	8.65	8.44	9.61	8.35	9.03	8.68
Lonsway, Chris	9.50	9.40	9.10	8.50	9.50	9.30	9.70	9.00
Viera, Ralph B.	9.50	9.30	7.90	7.20	9.40	9.20	9.40	7.50
Avis, Steven	9.80	9.50	9.10	8.40	9.70	9.10	9.80	8.30
Seiz, Ray	9.80	9.70	9.30	9.20	9.60	9.60	9.80	9.30
Castillo, George	9.50	9.40	8.50	7.90	9.50	9.20	9.50	8.10
Adams, Patrick	8.90	9.40	9.20	8.10	9.60	8.20	9.60	8.20
Zalewski, John	9.70	9.50	9.10	8.90	9.50	9.30	9.70	9.00
Barrera, Tony	9.60	9.30	8.80	8.30	9.40	9.00	9.40	8.60
Pitta, Jimmy	9.60	9.60	9.00	8.80	9.40	9.40	9.70	8.60
Radonich, Pete	9.80	9.40	8.70	7.90	9.40	9.00	9.60	8.40
Lopez, Frank	9.50	9.30	9.00	8.20	9.60	9.00	9.40	8.70
Sanchez, Arthur	9.80	9.50	8.40	7.80	9.50	9.40	9.50	8.20
Foecking, Brian	9.70	9.60	8.60	7.70	9.60	9.60	9.60	7.90
Kobrinetz, Joaquin J.	9.85	9.10	8.38	7.93	9.54	8.88	9.25	8.33
Campbell, Bryan	9.35	9.40	8.60	7.90	9.45	9.25	9.60	8.15
MAXIMUM	9.95	9.80	9.55	9.20	9.80	9.60	9.85	9.30
MINIMUM	8.90	9.10	7.90	7.20	9.40	8.20	9.03	7.50
RANGE(MAX-MIN)	1.050	0.700	1.650	2.000	0.400	1.400	0.820	1.800
MEAN	9.624	9.444	8.777	8.212	9.539	9.143	9.557	8.451
STANDARD DEVIATION	0.238	0.165	0.431	0.508	0.111	0.377	0.207	0.470

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
Lowsky, John	1.37	2.15	1.80	1.26	2.36	0.42	1.42	1.49
Rodriguez, Jesus (Jesse)	0.32	0.34	-1.57	-0.81	0.55	0.95	0.21	-0.96
Cumberworth, Lee	0.24	-0.87	-0.29	0.45	0.64	-2.10	-2.55	0.49
Lonsway, Chris	-0.52	-0.27	0.75	0.57	-0.35	0.42	0.69	1.17
Viera, Ralph B.	-0.52	-0.87	-2.04	-1.99	-1.25	0.15	-0.76	-2.02
Avis, Steven	0.74	0.34	0.75	0.37	1.45	-0.11	1.17	-0.32
Seiz, Ray	0.74	1.55	1.22	1.94	0.55	1.21	1.17	1.81
Castillo, George	-0.52	-0.27	-0.64	-0.61	-0.35	0.15	-0.28	-0.75
Adams, Patrick	-3.04	-0.27	0.98	-0.22	0.55	-2.50	0.21	-0.53
Zalewski, John	0.32	0.34	0.75	1.35	-0.35	0.42	0.69	1.17
Barrera, Tony	-0.10	-0.87	0.05	0.17	-1.25	-0.38	-0.76	0.32
Pitta, Jimmy	-0.10	0.94	0.52	1.16	-1.25	0.68	0.69	0.32
Radonich, Pete	0.74	-0.27	-0.18	-0.61	-1.25	-0.38	0.21	-0.11
Lopez, Frank	-0.52	-0.87	0.52	-0.02	0.55	-0.38	-0.76	0.53
Sanchez, Arthur	0.74	0.34	-0.87	-0.81	-0.35	0.68	-0.28	-0.53
Foecking, Brian	0.32	0.94	-0.41	-1.01	0.55	1.21	0.21	-1.17
Kobrinetz, Joaquin J.	0.95	-2.08	-0.92	-0.56	0.01	-0.70	-1.49	-0.26
Campbell, Bryan	-1.15	-0.27	-0.41	-0.61	-0.80	0.28	0.21	-0.64
MAXIMUM	-3.04	2.15	-2.04	-1.99	2.36	-2.50	-2.55	-2.02
MINIMUM	-0.10	-0.27	0.05	-0.02	0.01	-0.11	0.21	-0.11
RANGE(MAX-MIN)	-2.940	2.420	-2.090	-1.968	2.345	-2.386	-2.756	-1.913
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

LIGHT DUTY RATING WORKSHOP (2011 APR 26-28)

Part ID= L1-8 - INTAKE VALVE SET

Rated Values

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

Rater	P1	P2	P3	P4	P5	P6	P7	P8
Lowsky, John	9.90	9.70	9.35	8.25	9.85	8.75	8.90	9.30
Rodriguez, Jesus (Jesse)	9.60	9.70	7.90	7.50	9.70	7.70	9.30	8.20
Cumberworth, Lee	9.54	8.92	9.13	8.28	9.68	8.20	8.25	8.94
Viera, Ralph B.	9.70	9.40	8.70	7.30	9.60	8.70	8.90	7.80
Avis, Steven	9.60	9.50	9.20	8.20	9.70	8.80	9.30	9.10
Seiz, Ray	9.80	9.60	9.20	9.10	9.70	9.60	9.70	9.30
Castillo, George	9.40	9.30	8.90	7.50	9.60	8.00	9.10	8.80
Adams, Patrick	9.30	9.20	9.10	8.70	9.40	8.30	9.30	9.20
Zalewski, John	9.70	9.60	9.10	9.00	9.60	8.70	9.50	9.10
Barrera, Tony	9.60	9.50	9.00	8.30	9.70	8.40	9.00	8.80
Pitta, Jimmy	9.70	9.60	8.90	8.70	9.60	8.50	9.10	9.00
Radonich, Pete	9.60	9.40	8.60	7.30	9.60	8.00	9.20	8.90
Lopez, Frank	9.60	9.50	9.10	7.70	9.70	8.00	8.10	8.40
Sanchez, Arthur	9.70	9.40	8.50	7.80	9.60	8.00	9.30	8.40
Foecking, Brian	9.70	9.70	8.50	7.50	9.80	8.30	8.70	8.20
Hurst, Kevin R.	9.60	9.40	9.00	8.40	9.60	8.90	9.00	8.70
Campbell, Bryan	9.75	9.65	8.50	7.75	9.65	8.00	9.25	8.75
MAXIMUM	9.90	9.70	9.35	9.10	9.85	9.60	9.70	9.30
MINIMUM	9.30	8.92	7.90	7.30	9.40	7.70	8.10	7.80
RANGE(MAX-MIN)	0.600	0.780	1.450	1.800	0.450	1.900	1.600	1.500
MEAN	9.635	9.475	8.864	8.075	9.652	8.403	9.053	8.758
STANDARD DEVIATION	0.140	0.204	0.368	0.583	0.099	0.469	0.408	0.428

Part ID= L1-8 - INTAKE VALVE SET

L1-8 Yi Values

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

Rater	P1	P2	P3	P4	P5	P6	P7	P8
Lowsky, John	1.89	1.10	1.32	0.30	2.01	0.74	-0.38	1.27
Rodriguez, Jesus (Jesse)	-0.25	1.10	-2.62	-0.99	0.49	-1.50	0.61	-1.30
Cumberworth, Lee	-0.67	-2.71	0.72	0.35	0.29	-0.43	-1.97	0.42
Viera, Ralph B.	0.46	-0.37	-0.44	-1.33	-0.52	0.63	-0.38	-2.24
Avis, Steven	-0.25	0.12	0.92	0.21	0.49	0.85	0.61	0.80
Seiz, Ray	1.18	0.61	0.92	1.76	0.49	2.55	1.59	1.27
Castillo, George	-1.67	-0.86	0.10	-0.99	-0.52	-0.86	0.12	0.10
Adams, Patrick	-2.38	-1.34	0.64	1.07	-2.55	-0.22	0.61	1.03
Zalewski, John	0.46	0.61	0.64	1.58	-0.52	0.63	1.10	0.80
Barrera, Tony	-0.25	0.12	0.37	0.39	0.49	-0.01	-0.13	0.10
Pitta, Jimmy	0.46	0.61	0.10	1.07	-0.52	0.21	0.12	0.56
Radonich, Pete	-0.25	-0.37	-0.72	-1.33	-0.52	-0.86	0.36	0.33
Lopez, Frank	-0.25	0.12	0.64	-0.64	0.49	-0.86	-2.34	-0.84
Sanchez, Arthur	0.46	-0.37	-0.99	-0.47	-0.52	-0.86	0.61	-0.84
Foecking, Brian	0.46	1.10	-0.99	-0.99	1.50	-0.22	-0.87	-1.30
Hurst, Kevin R.	-0.25	-0.37	0.37	0.56	-0.52	1.06	-0.13	-0.14
Campbell, Bryan	0.82	0.86	-0.99	-0.56	-0.02	-0.86	0.48	-0.02
MAXIMUM	-2.38	-2.71	-2.62	1.76	-2.55	2.55	-2.34	-2.24
MINIMUM	-0.25	0.12	0.10	0.21	-0.02	-0.01	0.12	-0.02
RANGE(MAX-MIN)	-2.136	-2.839	-2.720	1.543	-2.533	2.561	-2.454	-2.219
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

LIGHT DUTY RATING WORKSHOP (2011 APR 26-28)

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	
Cumberworth, Lee	7.99	8.00	7.93	7.94	7.99	7.90	7.98	7.92	
Lowsky, John	7.70	7.78	7.65	7.68	7.63	7.30	7.56	7.63	
Rodríguez, Jesus (Jesse)	8.02	7.99	7.87	8.05	7.70	7.63	7.70	7.80	
Lopez, Frank	8.31	8.30	8.40	8.22	8.02	7.81	8.12	8.09	
Castillo, George	7.86	7.74	7.93	7.60	7.60	7.64	7.64	7.49	
Adams, Patrick	8.23	7.79	8.25	7.73	8.15	7.78	7.84	7.76	
Zalewski, John	7.54	7.48	7.51	7.16	7.40	7.20	7.43	7.42	
Barrera, Tony	8.00	7.88	7.89	7.80	7.60	7.45	7.48	7.30	
Sanchez, Arthur	8.02	7.75	7.82	7.74	7.86	8.21	8.20	7.76	
Seiz, Ray	8.63	8.55	8.46	8.61	8.69	8.75	8.80	8.68	
Kobrinetz, Joaquin J.	7.96	7.85	7.86	7.81	7.72	7.69	7.76	7.78	
Campbell, Bryan	8.40	8.60	8.25	8.50	8.80	8.75	8.80	8.96	
MAXIMUM	8.63	8.60	8.46	8.61	8.80	8.75	8.80	8.96	
MINIMUM	7.54	7.48	7.51	7.16	7.40	7.20	7.43	7.30	
RANGE(MAX-MIN)	1.090	1.120	0.950	1.450	1.400	1.550	1.370	1.660	
MEAN	8.055	7.976	7.985	7.903	7.930	7.843	7.943	7.883	
STANDARD DEVIATION	0.300	0.341	0.293	0.399	0.435	0.501	0.466	0.492	

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	
Cumberworth, Lee	-0.22	0.07	-0.19	0.09	0.14	0.11	0.08	0.08	
Lowsky, John	-1.18	-0.58	-1.14	-0.56	-0.69	-1.08	-0.82	-0.51	
Rodríguez, Jesus (Jesse)	-0.12	0.04	-0.39	0.37	-0.53	-0.42	-0.52	-0.17	
Lopez, Frank	0.85	0.95	1.41	0.79	0.21	-0.06	0.38	0.42	
Castillo, George	-0.65	-0.69	-0.19	-0.76	-0.76	-0.40	-0.65	-0.80	
Adams, Patrick	0.58	-0.55	0.90	-0.43	0.51	-0.12	-0.22	-0.25	
Zalewski, John	-1.71	-1.46	-1.62	-1.86	-1.22	-1.28	-1.10	-0.94	
Barrera, Tony	-0.18	-0.28	-0.32	-0.26	-0.76	-0.78	-0.99	-1.18	
Sanchez, Arthur	-0.12	-0.66	-0.56	-0.41	-0.16	0.73	0.55	-0.25	
Seiz, Ray	1.91	1.69	1.62	1.77	1.75	1.81	1.84	1.62	
Kobrinetz, Joaquin J.	-0.32	-0.37	-0.43	-0.23	-0.48	-0.30	-0.39	-0.21	
Campbell, Bryan	1.15	1.83	0.90	1.50	2.00	1.81	1.84	2.19	
MAXIMUM	1.91	1.83	-1.62	-1.86	2.00	1.81	1.84	2.19	
MINIMUM	-0.12	0.04	-0.19	0.09	0.14	-0.06	0.08	0.08	
RANGE(MAX-MIN)	2.030	1.791	-1.431	-1.956	1.860	1.876	1.760	2.115	
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	

LIGHT DUTY RATING WORKSHOP (2011 APR 26-28)

Part ID= P1-8 - SEQUENCE 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	8.96	8.54	8.77	8.84	8.59	7.83	7.77	7.57
Cumberworth, Lee	9.06	9.16	8.77	8.60	8.67	8.51	8.49	8.49
Radonich, Pete	8.90	8.40	8.50	8.50	8.45	7.75	7.12	7.20
Foecking, Brian	8.96	8.34	8.41	8.45	8.49	7.72	7.20	7.20
Lowsky, John	9.24	8.87	8.59	8.67	9.04	8.50	7.96	8.54
Skuzinski, John	8.36	8.25	8.38	8.53	8.50	7.82	7.55	7.28
Viera, Ralph B.	8.47	8.45	8.41	8.57	8.68	8.07	8.05	8.28
Lopez, Frank	8.90	8.84	8.83	8.75	8.86	8.24	7.90	8.21
Castillo, George	8.70	8.30	8.09	8.32	8.38	7.76	7.42	7.33
Barrera, Tony	8.84	8.61	8.60	8.63	8.56	8.18	7.79	7.87
Campbell, Bryan	8.59	7.92	7.88	7.89	7.73	7.27	7.40	7.05
Zalewski, John	9.39	9.15	8.89	9.33	9.15	8.71	8.30	8.13
Trevino, Bobby	8.61	8.58	8.48	8.39	8.39	8.31	7.95	7.82
Cales, Jonathon	8.92	8.62	8.58	8.58	8.54	7.88	7.40	7.43
Seiz, Ray	9.16	9.10	9.01	9.09	9.04	8.39	8.26	8.30
Lonsway, Chris	9.00	8.41	8.46	8.43	8.35	7.71	7.05	7.21
MAXIMUM	9.39	9.16	9.01	9.33	9.15	8.71	8.49	8.54
MINIMUM	8.36	7.92	7.88	7.89	7.73	7.27	7.05	7.05
RANGE(MAX-MIN)	1.030	1.240	1.130	1.440	1.420	1.440	1.440	1.490
MEAN	8.879	8.596	8.541	8.598	8.589	8.041	7.726	7.744
STANDARD DEVIATION	0.278	0.350	0.289	0.322	0.339	0.385	0.438	0.520

Part ID= P1-8 - SEQUENCE 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
Adams, Patrick	0.29	-0.16	0.79	0.75	0.00	-0.55	0.10	-0.34
Cumberworth, Lee	0.65	1.61	0.79	0.01	0.24	1.22	1.74	1.44
Radonich, Pete	0.08	-0.56	-0.14	-0.31	-0.41	-0.76	-1.38	-1.05
Foecking, Brian	0.29	-0.73	-0.45	-0.46	-0.29	-0.83	-1.20	-1.05
Lowsky, John	1.30	0.78	0.17	0.22	1.33	1.19	0.53	1.53
Skuzinski, John	-1.87	-0.99	-0.56	-0.21	-0.26	-0.57	-0.40	-0.89
Viera, Ralph B.	-1.47	-0.42	-0.45	-0.09	0.27	0.08	0.74	1.03
Lopez, Frank	0.08	0.70	1.00	0.47	0.80	0.52	0.40	0.90
Castillo, George	-0.64	-0.85	-1.56	-0.86	-0.62	-0.73	-0.70	-0.80
Barrera, Tony	-0.14	0.04	0.21	0.10	-0.08	0.36	0.15	0.24
Campbell, Bryan	-1.04	-1.93	-2.29	-2.20	-2.53	-2.00	-0.74	-1.34
Zalewski, John	1.84	1.58	1.21	2.27	1.65	1.74	1.31	0.74
Trevino, Bobby	-0.97	-0.05	-0.21	-0.65	-0.59	0.70	0.51	0.15
Cales, Jonathon	0.15	0.07	0.14	-0.06	-0.14	-0.42	-0.74	-0.61
Seiz, Ray	1.01	1.44	1.63	1.53	1.33	0.91	1.22	1.07
Lonsway, Chris	0.44	-0.53	-0.28	-0.52	-0.70	-0.86	-1.54	-1.03
MAXIMUM	-1.87	-1.93	-2.29	2.27	-2.53	-2.00	1.74	1.53
MINIMUM	0.08	0.04	0.14	0.01	0.00	0.08	0.10	0.15
RANGE(MAX-MIN)	-1.942	-1.969	-2.425	2.269	-2.534	-2.079	1.643	1.386
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

LIGHT DUTY RATING WORKSHOP (2011 APR 26-28)

Part ID= Q1-8 - SEQUENCE 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	9.43	9.18	8.87	9.07	8.58	8.61	8.25	
Rodriguez, Jesus (Jesse)	9.04	8.86	8.44	8.25	8.67	8.04	7.80	7.94	
Lonsway, Chris	8.89	9.12	8.82	8.48	8.81	8.14	8.18	8.12	
Foecking, Brian	9.00	9.20	8.90	8.60	8.80	8.30	8.10	8.00	
Radonich, Pete	9.10	9.20	8.89	8.60	8.90	8.40	8.15	8.00	
Lowsky, John	9.24	9.44	9.19	9.02	9.35	8.89	8.70	8.87	
Lopez, Frank	9.43	9.51	9.29	9.18	9.40	9.08	8.75	8.67	
Skuzinski, John	9.17	9.50	8.85	8.91	9.34	8.47	7.67	8.20	
Caproni, David	9.08	9.13	8.83	8.82	8.88	8.62	8.44	8.45	
Avis, Steven	9.39	9.45	9.08	9.03	9.30	8.74	8.36	8.29	
Hurst, Kevin R.	9.17	9.24	9.13	8.84	9.19	8.94	8.73	8.72	
Barrera, Tony	9.16	9.25	8.74	8.73	8.87	8.72	8.46	8.45	
May, Marianne	9.32	9.35	9.16	9.09	9.14	8.90	8.66	8.64	
Sanchez, Arthur	9.37	9.53	9.39	9.08	9.22	9.03	8.83	8.60	
Campbell, Bryan	8.56	8.86	8.69	8.51	8.52	8.18	7.97	7.92	
Seiz, Ray	9.41	9.59	9.51	9.26	9.50	9.17	8.46	8.39	
Kobrinetz, Joaquin J.	8.94	9.09	8.88	8.53	8.96	8.45	8.21	8.10	
MAXIMUM	9.43	9.59	9.51	9.26	9.50	9.17	8.83	8.87	
MINIMUM	8.56	8.86	8.44	8.25	8.52	8.04	7.67	7.92	
RANGE(MAX-MIN)	0.870	0.730	1.070	1.010	0.980	1.130	1.160	0.950	
MEAN	9.144	9.279	8.998	8.812	9.054	8.626	8.358	8.330	
STANDARD DEVIATION	0.222	0.223	0.275	0.283	0.280	0.347	0.346	0.298	

Part ID= Q1-8 - SEQUENCE 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	0.12	0.68	0.66	0.21	0.06	-0.13	0.73	-0.27	
Rodriguez, Jesus (Jesse)	-0.47	-1.88	-2.03	-1.98	-1.37	-1.69	-1.61	-1.31	
Lonsway, Chris	-1.14	-0.72	-0.65	-1.17	-0.87	-1.40	-0.51	-0.70	
Foecking, Brian	-0.65	-0.36	-0.36	-0.75	-0.91	-0.94	-0.75	-1.11	
Radonich, Pete	-0.20	-0.36	-0.39	-0.75	-0.55	-0.65	-0.60	-1.11	
Lowsky, John	0.43	0.72	0.70	0.74	1.06	0.76	0.99	1.81	
Lopez, Frank	1.29	1.04	1.06	1.30	1.23	1.31	1.13	1.14	
Skuzinski, John	0.12	0.99	-0.54	0.35	1.02	-0.45	-1.99	-0.44	
Caproni, David	-0.29	-0.67	-0.61	0.03	-0.62	-0.02	0.24	0.40	
Avis, Steven	1.11	0.77	0.30	0.77	0.88	0.33	0.01	-0.13	
Hurst, Kevin R.	0.12	-0.18	0.48	0.10	0.49	0.90	1.08	1.31	
Barrera, Tony	0.07	-0.13	-0.94	-0.29	-0.66	0.27	0.30	0.40	
May, Marianne	0.79	0.32	0.59	0.98	0.31	0.79	0.87	1.04	
Sanchez, Arthur	1.02	1.12	1.42	0.95	0.59	1.16	1.37	0.91	
Campbell, Bryan	-2.62	-1.88	-1.12	-1.07	-1.91	-1.29	-1.12	-1.38	
Seiz, Ray	1.20	1.39	1.86	1.58	1.59	1.57	0.30	0.20	
Kobrinetz, Joaquin J.	-0.92	-0.85	-0.43	-0.99	-0.34	-0.51	-0.43	-0.77	
MAXIMUM	-2.62	-1.88	-2.03	-1.98	-1.91	-1.69	-1.99	-1.81	
MINIMUM	0.07	-0.13	0.30	0.03	0.06	-0.02	0.01	-0.13	
RANGE(MAX-MIN)	-2.698	-1.751	-2.326	-2.013	-1.963	-1.673	-1.996	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	

LIGHT DUTY RATING WORKSHOP (2011 APR 26-28)

Part ID= R1-8 - SEQUENCE V PISTONS

Rated Values

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

Rater	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI
Foecking, Brian	9.07	8.79	8.67	8.42	8.52	8.24	7.89	8.05
Adams, Patrick	9.15	9.18	8.99	8.83	8.76	8.44	8.51	8.44
Cumberworth, Lee	9.10	9.10	9.07	8.89	9.07	8.75	8.93	8.72
Radonich, Pete	9.06	8.90	8.78	8.55	8.59	8.34	8.09	8.23
Kobrinetz, Joaquin J.	8.85	8.85	8.74	8.69	8.66	8.28	8.12	8.25
Swanson, Dennis	8.96	8.86	8.84	8.79	8.71	8.38	8.48	8.52
Skuzinski, John	9.12	9.20	8.99	8.69	8.55	8.37	8.34	8.27
Greenland, Paul	8.90	8.84	8.78	8.76	8.76	8.38	8.23	8.15
Caproni, David	8.94	8.82	8.76	8.72	8.70	8.58	8.52	8.56
Hurst, Kevin R.	9.13	9.04	8.84	8.85	9.05	8.63	8.72	8.62
Lowsky, John	9.15	8.88	8.71	8.78	8.98	8.58	8.63	8.43
Campbell, Bryan	8.55	8.20	8.10	8.06	8.00	7.96	7.84	7.78
Castillo, George	9.09	8.52	8.64	8.52	8.60	8.29	8.24	8.23
Barrera, Tony	8.94	8.88	8.76	8.69	8.72	8.54	8.47	8.48
Seiz, Ray	9.22	9.57	9.34	9.07	9.31	8.95	8.44	9.08
Lonsway, Chris	9.02	8.78	8.69	8.36	8.77	8.19	7.89	8.30
MAXIMUM	9.22	9.57	9.34	9.07	9.31	8.95	8.93	9.08
MINIMUM	8.55	8.20	8.10	8.06	8.00	7.96	7.84	7.78
RANGE(MAX-MIN)	0.670	1.370	1.240	1.010	1.310	0.990	1.090	1.300
MEAN	9.016	8.901	8.794	8.667	8.734	8.431	8.334	8.382
STANDARD DEVIATION	0.162	0.300	0.258	0.241	0.291	0.237	0.313	0.298

Part ID= R1-8 - SEQUENCE 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
Foecking, Brian	0.34	-0.37	-0.48	-1.02	-0.74	-0.81	-1.42	-1.11
Adams, Patrick	0.83	0.93	0.76	0.68	0.09	0.04	0.56	0.19
Cumberworth, Lee	0.52	0.66	1.07	0.93	1.15	1.34	1.90	1.13
Radonich, Pete	0.27	0.00	-0.05	-0.48	-0.50	-0.38	-0.78	-0.51
Kobrinetz, Joaquin J.	-1.03	-0.17	-0.21	0.10	-0.26	-0.64	-0.68	-0.44
Swanson, Dennis	-0.34	-0.14	0.18	0.51	-0.08	-0.22	0.47	0.46
Skuzinski, John	0.65	1.00	0.76	0.10	-0.63	-0.26	0.02	-0.38
Greenland, Paul	-0.72	-0.20	-0.05	0.39	0.09	-0.22	-0.33	-0.78
Caproni, David	-0.47	-0.27	-0.13	0.22	-0.12	0.63	0.59	0.60
Hurst, Kevin R.	0.71	0.46	0.18	0.76	1.08	0.84	1.23	0.80
Lowsky, John	0.83	-0.07	-0.32	0.47	0.84	0.63	0.95	0.16
Campbell, Bryan	-2.88	-2.33	-2.69	-2.52	-2.52	-1.99	-1.58	-2.02
Castillo, George	0.46	-1.27	-0.60	-0.61	-0.46	-0.60	-0.30	-0.51
Barrera, Tony	-0.47	-0.07	-0.13	0.10	-0.05	0.46	0.44	0.33
Seiz, Ray	1.26	2.23	2.12	1.67	1.98	2.19	0.34	2.34
Lonsway, Chris	0.03	-0.40	-0.40	-1.27	0.12	-1.02	-1.42	-0.27
MAXIMUM	-2.88	-2.33	-2.69	-2.52	-2.52	2.19	1.90	2.34
MINIMUM	0.03	0.00	-0.05	0.10	-0.05	0.04	0.02	0.16
RANGE(MAX-MIN)	-2.909	-2.331	-2.634	-2.613	-2.472	2.151	1.884	2.180
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

LIGHT DUTY RATING WORKSHOP (2011 APR 26-28)

Part ID= S1-8 - SEQUENCE V PISTONS

Rated Values

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

Rater	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI
Foecking, Brian	9.50	9.10	8.70	8.30	8.60	8.21	8.22	8.64
Lonsway, Chris	9.35	8.93	8.72	8.33	8.45	8.32	8.15	8.49
Radonich, Pete	9.40	9.08	8.70	8.32	8.60	8.30	8.20	8.58
Rodriguez, Jesus (Jesse)	9.41	8.79	8.48	8.09	8.44	7.77	8.47	8.53
Lowsky, John	9.30	8.96	8.78	8.75	8.50	8.58	8.58	8.58
Swanson, Dennis	9.04	8.54	8.39	8.34	8.36	8.36	8.34	8.48
Skuzinski, John	9.16	9.02	8.08	7.80	8.28	7.77	7.85	7.92
Greenland, Paul	9.43	9.17	8.91	8.70	8.55	8.30	8.45	8.35
Zalewski, John	9.64	9.18	9.02	8.90	9.17	8.95	8.92	9.01
May, Marianne	9.41	9.24	9.06	8.86	8.82	8.58	8.66	8.75
Sanchez, Arthur	9.67	9.40	9.45	9.22	9.38	9.11	9.05	9.15
Viera, Ralph B.	9.41	9.14	8.98	8.82	8.51	8.38	8.03	8.58
Cales, Jonathon	9.34	9.02	8.70	8.64	8.58	8.60	8.50	8.62
Seiz, Ray	9.69	9.51	9.33	9.01	8.98	8.85	8.87	9.13
Barrera, Tony	9.43	9.23	9.03	8.73	8.75	8.50	8.79	8.91
MAXIMUM	9.69	9.51	9.45	9.22	9.38	9.11	9.05	9.15
MINIMUM	9.04	8.54	8.08	7.80	8.28	7.77	7.85	7.92
RANGE(MAX-MIN)	0.650	0.970	1.370	1.420	1.100	1.340	1.200	1.230
MEAN	9.412	9.087	8.822	8.587	8.665	8.439	8.472	8.648
STANDARD DEVIATION	0.175	0.236	0.352	0.379	0.306	0.374	0.347	0.316

Part ID= S1-8 - SEQUENCE 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
Foecking, Brian	0.50	0.05	-0.35	-0.76	-0.21	-0.61	-0.73	-0.03
Lonsway, Chris	-0.35	-0.67	-0.29	-0.68	-0.70	-0.32	-0.93	-0.50
Radonich, Pete	-0.07	-0.03	-0.35	-0.70	-0.21	-0.37	-0.78	-0.22
Rodriguez, Jesus (Jesse)	-0.01	-1.26	-0.97	-1.31	-0.73	-1.79	-0.01	-0.37
Lowsky, John	-0.64	-0.54	-0.12	0.43	-0.54	0.38	0.31	-0.22
Swanson, Dennis	-2.13	-2.32	-1.23	-0.65	-0.99	-0.21	-0.38	-0.53
Skuzinski, John	-1.44	-0.29	-2.11	-2.07	-1.26	-1.79	-1.79	-2.31
Greenland, Paul	0.10	0.35	0.25	0.30	-0.37	-0.37	-0.06	-0.94
Zalewski, John	1.30	0.39	0.56	0.82	1.65	1.37	1.29	1.15
May, Marianne	-0.01	0.65	0.68	0.72	0.51	0.38	0.54	0.32
Sanchez, Arthur	1.48	1.33	1.78	1.67	2.33	1.79	1.67	1.59
Viera, Ralph B.	-0.01	0.22	0.45	0.61	-0.50	-0.16	-1.27	-0.22
Cales, Jonathon	-0.41	-0.29	-0.35	0.14	-0.28	0.43	0.08	-0.09
Seiz, Ray	1.59	1.79	1.44	1.11	1.03	1.10	1.15	1.53
Barrera, Tony	0.10	0.61	0.59	0.38	0.28	0.16	0.92	0.83
MAXIMUM	-2.13	-2.32	-2.11	-2.07	2.33	1.79	-1.79	-2.31
MINIMUM	-0.01	-0.03	-0.12	0.14	-0.21	-0.16	-0.01	-0.03
RANGE(MAX-MIN)	-2.117	-2.293	-1.988	-2.214	2.545	1.951	-1.788	-2.281
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

LIGHT DUTY RATING WORKSHOP (2011 APR 26-28)

Part ID= X1 - D4V PISTON

Rated Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT
Cumberworth, Lee	0.65	0.81	9.92	0.87	8.69
Kobrinetz, Joaquin J.	0.80	0.76	9.86	0.22	8.67
Lowsky, John	0.74	0.74	9.80	0.28	8.77
Adams, Patrick	0.74	0.61	9.00	0.42	8.01
Avis, Steven	0.88	0.70	9.80	0.10	8.51
Skuzinski, John	0.66	0.31	9.89	0.00	9.06
Hurst, Kevin R.	0.92	0.63	9.70	0.42	8.33
Zalewski, John	0.38	0.67	9.90	0.38	8.76
Castillo, George	0.72	0.74	9.74	0.49	8.52
Lopez, Frank	0.63	0.72	9.90	0.42	8.46
Foecking, Brian	0.81	0.73	9.85	0.36	8.44
Greenland, Paul	1.05	0.73	9.80	0.08	8.45
Barrera, Tony	0.44	0.71	9.80	0.17	8.69
Campbell, Bryan	0.87	0.20	9.93	0.50	8.73
Seiz, Ray	0.66	0.68	9.80	0.74	8.09
Lonsway, Chris	0.52	0.81	9.80	0.51	8.63
MAXIMUM	1.05	0.81	9.93	0.87	9.06
MINIMUM	0.38	0.20	9.00	0.00	8.01
RANGE(MAX-MIN)	0.670	0.610	0.930	0.870	1.050
MEAN	0.717	0.659	9.781	0.373	8.551
STANDARD DEVIATION	0.176	0.168	0.218	0.232	0.262

Part ID= X1 - D4V PISTON

X1 Y1 Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT
Cumberworth, Lee	-0.38	0.90	0.64	2.14	0.53
Kobrinetz, Joaquin J.	0.47	0.60	0.36	-0.66	0.46
Lowsky, John	0.13	0.48	0.09	-0.40	0.84
Adams, Patrick	0.13	-0.29	-3.58	0.20	-2.06
Avis, Steven	0.93	0.24	0.09	-1.17	-0.16
Skuzinski, John	-0.32	-2.08	0.50	-1.60	1.94
Hurst, Kevin R.	1.15	-0.17	-0.37	0.20	-0.84
Zalewski, John	-1.91	0.06	0.55	0.03	0.80
Castillo, George	0.02	0.48	-0.19	0.51	-0.12
Lopez, Frank	-0.49	0.36	0.55	0.20	-0.35
Foecking, Brian	0.53	0.42	0.32	-0.05	-0.42
Greenland, Paul	1.89	0.42	0.09	-1.26	-0.38
Barrera, Tony	-1.57	0.30	0.09	-0.87	0.53
Campbell, Bryan	0.87	-2.73	0.69	0.55	0.68
Seiz, Ray	-0.32	0.12	0.09	1.58	-1.76
Lonsway, Chris	-1.12	0.90	0.09	0.59	0.30
MAXIMUM	-1.91	-2.73	-3.58	2.14	-2.06
MINIMUM	0.02	0.06	0.09	0.03	-0.12
RANGE(MAX-MIN)	-1.928	-2.798	-3.669	2.109	-1.947
MEAN	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000

LIGHT DUTY RATING WORKSHOP (2011 APR 26-28)

Part ID= Y1 - D4V PISTON

Rated Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT
Hurst, Kevin R.	1.91	0.52	6.82	0.36	7.07
Swanson, Dennis	1.61	0.54	6.60	0.11	7.51
Rodriguez, Jesus (Jesse)	1.56	0.60	5.86	0.36	6.96
Caproni, David	0.74	0.68	6.82	0.23	6.73
Skuzinski, John	1.60	0.64	6.27	0.05	6.92
Castillo, George	2.15	0.68	6.88	0.52	7.14
Lopez, Frank	1.06	0.64	6.72	0.27	7.19
Campbell, Bryan	2.17	0.71	7.08	0.39	5.99
Sanchez, Arthur	1.60	0.68	6.95	0.29	8.01
Lowsky, John	2.79	0.71	7.51	0.19	7.02
Greenland, Paul	1.80	0.67	7.09	0.14	6.45
Radonich, Pete	1.69	0.65	6.48	0.36	7.20
Barrera, Tony	0.80	0.70	6.61	0.36	7.64
Trevino, Bobby	1.25	0.76	7.69	0.92	7.80
Seiz, Ray	0.67	0.60	6.91	0.90	7.31
MAXIMUM	2.79	0.76	7.69	0.92	8.01
MINIMUM	0.67	0.52	5.86	0.05	5.99
RANGE(MAX-MIN)	2.120	0.240	1.830	0.870	2.020
MEAN	1.560	0.652	6.819	0.363	7.129
STANDARD DEVIATION	0.587	0.065	0.451	0.253	0.513

Part ID= Y1 - D4V PISTON

Y1 Y1 Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT
Hurst, Kevin R.	0.60	-2.03	0.00	-0.01	-0.12
Swanson, Dennis	0.09	-1.72	-0.49	-1.00	0.74
Rodriguez, Jesus (Jesse)	0.00	-0.80	-2.13	-0.01	-0.33
Caproni, David	-1.40	0.43	0.00	-0.53	-0.78
Skuzinski, John	0.07	-0.18	-1.22	-1.24	-0.41
Castillo, George	1.01	0.43	0.13	0.62	0.02
Lopez, Frank	-0.85	-0.18	-0.22	-0.37	0.12
Campbell, Bryan	1.04	0.89	0.58	0.11	-2.22
Sanchez, Arthur	0.07	0.43	0.29	-0.29	1.72
Lowsky, John	2.10	0.89	1.53	-0.68	-0.21
Greenland, Paul	0.41	0.28	0.60	-0.88	-1.33
Radonich, Pete	0.22	-0.03	-0.75	-0.01	0.14
Barrera, Tony	-1.29	0.74	-0.46	-0.01	1.00
Trevino, Bobby	-0.53	1.66	1.93	2.20	1.31
Seiz, Ray	-1.52	-0.80	0.20	2.12	0.35
MAXIMUM	2.10	-2.03	-2.13	2.20	-2.22
MINIMUM	0.00	-0.03	0.00	-0.01	0.02
RANGE(MAX-MIN)	2.095	-2.002	-2.130	2.212	-2.243
MEAN	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000

LIGHT DUTY RATING WORKSHOP (2011 APR 26-28)

Part ID= Z1 - D4V PISTON

Rated Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT
Cumberworth, Lee	1.63	0.88	2.94	0.87	5.46
Hurst, Kevin R.	2.29	0.85	4.01	0.38	5.88
Kobrinetz, Joaquin J.	2.10	0.88	4.39	0.36	5.72
Lowsky, John	2.28	0.91	4.71	0.13	6.34
Swanson, Dennis	2.02	0.76	4.05	0.10	5.90
Rodriguez, Jesus (Jesse)	1.81	0.83	3.95	0.45	5.76
Avis, Steven	2.03	0.86	3.48	0.10	5.72
Skuzinski, John	1.77	0.77	3.40	0.04	5.57
Caproni, David	1.95	0.86	4.48	0.55	6.09
Zalewski, John	3.22	0.24	3.47	0.28	6.53
Adams, Patrick	2.07	1.00	4.69	0.48	5.80
Greenland, Paul	3.17	0.90	4.19	0.15	5.44
Castillo, George	2.38	0.89	4.09	0.60	5.81
Sanchez, Arthur	2.50	0.81	4.02	0.40	6.15
Foecking, Brian	2.23	0.90	3.44	0.51	5.15
Radonich, Pete	2.23	0.77	4.19	0.26	5.70
Barrera, Tony	1.48	0.75	3.95	0.36	6.12
Lopez, Frank	1.65	0.84	4.14	0.36	6.07
Seiz, Ray	2.51	0.87	4.39	0.78	5.55
Lonsway, Chris	1.53	0.81	3.66	0.36	5.62
MAXIMUM	3.22	1.00	4.71	0.87	6.53
MINIMUM	1.48	0.24	2.94	0.04	5.15
RANGE(MAX-MIN)	1.740	0.760	1.770	0.830	1.380
MEAN	2.143	0.819	3.982	0.376	5.819
STANDARD DEVIATION	0.472	0.149	0.463	0.220	0.329

Part ID= Z1 - D4V PISTON

Z1 Y1 Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT
Cumberworth, Lee	-1.09	0.41	-2.25	2.24	-1.09
Hurst, Kevin R.	0.31	0.21	0.06	0.02	0.19
Kobrinetz, Joaquin J.	-0.09	0.41	0.88	-0.07	-0.30
Lowsky, John	0.29	0.61	1.57	-1.12	1.58
Swanson, Dennis	-0.26	-0.40	0.15	-1.25	0.25
Rodriguez, Jesus (Jesse)	-0.70	0.07	-0.07	0.34	-0.18
Avis, Steven	-0.24	0.27	-1.08	-1.25	-0.30
Skuzinski, John	-0.79	-0.33	-1.26	-1.52	-0.76
Caproni, David	-0.41	0.27	1.07	0.79	0.82
Zalewski, John	2.28	-3.88	-1.10	-0.44	2.16
Adams, Patrick	-0.15	1.21	1.53	0.47	-0.06
Greenland, Paul	2.18	0.54	0.45	-1.03	-1.15
Castillo, George	0.50	0.48	0.23	1.02	-0.03
Sanchez, Arthur	0.76	-0.06	0.08	0.11	1.01
Foecking, Brian	0.19	0.54	-1.17	0.61	-2.03
Radonich, Pete	0.19	-0.33	0.45	-0.53	-0.36
Barrera, Tony	-1.40	-0.46	-0.07	-0.07	0.92
Lopez, Frank	-1.04	0.14	0.34	-0.07	0.76
Seiz, Ray	0.78	0.34	0.88	1.83	-0.82
Lonsway, Chris	-1.30	-0.06	-0.69	-0.07	-0.61
MAXIMUM	2.28	-3.88	-2.25	2.24	2.16
MINIMUM	-0.09	-0.06	0.06	0.02	-0.03
RANGE(MAX-MIN)	2.373	-3.822	-2.309	2.223	2.189
MEAN	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000

LIGHT DUTY RATING WORKSHOP (2011 APR 26-28)

Part ID= VTCC - VG TIMING CHAIN COVER

Rated Values

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

Rater	TOTALS	
Lopez, Frank	9.48	
Viera, Ralph B.	9.57	
Castillo, George	9.43	
Cumberworth, Lee	9.31	
Caproni, David	9.44	
Greenland, Paul	9.50	
Adams, Patrick	9.43	
Rodriguez, Jesus (Jesse)	9.54	
Hurst, Kevin R.	9.66	
Kobrinetz, Joaquin J.	9.50	
Barrera, Tony	9.52	
Lowsky, John	9.46	
Cales, Jonathon	9.40	
May, Marianne	9.43	
Seiz, Ray	9.26	
Foecking, Brian	9.41	
Avis, Steven	9.57	
Radonich, Pete	9.47	
Lonsway, Chris	9.33	
Trevino, Bobby	9.60	
Campbell, Bryan	9.40	
Sanchez, Arthur	9.55	
Zalewski, John	9.31	
MAXIMUM	9.66	
MINIMUM	9.26	
RANGE(MAX-MIN)	0.400	
MEAN	9.460	
STANDARD DEVIATION	0.100	

LIGHT DUTY RATING WORKSHOP (2011 APR 26-28)

Part ID= VTCC - VG TIMING CHAIN COVER

VTCC Yi Values

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

Rater	TOTALS	
Lopez, Frank	0.20	
Viera, Ralph B.	1.10	
Castillo, George	-0.30	
Cumberworth, Lee	-1.49	
Caproni, David	-0.20	
Greenland, Paul	0.40	
Adams, Patrick	-0.30	
Rodriguez, Jesus (Jesse)	0.80	
Hurst, Kevin R.	2.00	
Kobrinetz, Joaquin J.	0.40	
Barrera, Tony	0.60	
Lowsky, John	0.00	
Cales, Jonathon	-0.60	
May, Marianne	-0.30	
Seiz, Ray	-1.99	
Foecking, Brian	-0.50	
Avis, Steven	1.10	
Radonich, Pete	0.10	
Lonsway, Chris	-1.29	
Trevino, Bobby	1.40	
Campbell, Bryan	-0.60	
Sanchez, Arthur	0.90	
Zalewski, John	-1.49	
MAXIMUM	2.00	
MINIMUM	0.00	
RANGE(MAX-MIN)	1.999	
MEAN	0.000	
STANDARD DEVIATION	1.000	

LIGHT DUTY RATING WORKSHOP (2011 APR 26-28)

Part ID= VR CR - VG ROCKER COVER RIGHT

Rated Values

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

Rater	TOTALS	
Lopez, Frank	9.36	
Viera, Ralph B.	9.60	
Castillo, George	9.44	
Cumberworth, Lee	9.31	
Barrera, Tony	9.32	
Greenland, Paul	9.43	
Caproni, David	9.46	
Rodriguez, Jesus (Jesse)	9.53	
Kobrinetz, Joaquin J.	9.42	
Cales, Jonathon	9.40	
Lowsky, John	9.38	
Adams, Patrick	9.35	
May, Marianne	9.49	
Seiz, Ray	9.51	
Foecking, Brian	9.34	
Avis, Steven	9.53	
Radonich, Pete	9.34	
Lonsway, Chris	9.35	
Trevino, Bobby	9.52	
Hurst, Kevin R.	9.58	
Sanchez, Arthur	9.57	
Zalewski, John	9.28	
Campbell, Bryan	9.41	
MAXIMUM	9.60	
MINIMUM	9.28	
RANGE(MAX-MIN)	0.320	
MEAN	9.431	
STANDARD DEVIATION	0.095	

LIGHT DUTY RATING WORKSHOP (2011 APR 26-28)

Part ID= VRRCR - VG ROCKER COVER RIGHT

VRRCR Yi Values

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

Rater	TOTALS	
Lopez, Frank	-0.75	
Viera, Ralph B.	1.78	
Castillo, George	0.09	
Cumberworth, Lee	-1.28	
Barrera, Tony	-1.18	
Greenland, Paul	-0.01	
Caproni, David	0.30	
Rodriguez, Jesus (Jesse)	1.04	
Kobrinetz, Joaquin J.	-0.12	
Cales, Jonathon	-0.33	
Lowsky, John	-0.54	
Adams, Patrick	-0.86	
May, Marianne	0.62	
Seiz, Ray	0.83	
Foecking, Brian	-0.97	
Avis, Steven	1.04	
Radonich, Pete	-0.97	
Lonsway, Chris	-0.86	
Trevino, Bobby	0.94	
Hurst, Kevin R.	1.57	
Sanchez, Arthur	1.47	
Zalewski, John	-1.60	
Campbell, Bryan	-0.23	
MAXIMUM	1.78	
MINIMUM	-0.01	
RANGE(MAX-MIN)	1.797	
MEAN	0.000	
STANDARD DEVIATION	1.000	

LIGHT DUTY RATING WORKSHOP (2011 APR 26-28)

Part ID= VRCL - VG ROCKER COVER LEFT

Rated Values

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

Rater	TOTALS	
Lopez, Frank	9.39	
Viera, Ralph B.	9.54	
Castillo, George	9.42	
Cumberworth, Lee	9.38	
Barrera, Tony	9.38	
Caproni, David	9.31	
Greenland, Paul	9.53	
Adams, Patrick	9.44	
Rodriguez, Jesus (Jesse)	9.36	
Hurst, Kevin R.	9.56	
Kobrinetz, Joaquin J.	9.45	
Cales, Jonathon	9.45	
Lowsky, John	9.41	
May, Marianne	9.39	
Seiz, Ray	9.33	
Foecking, Brian	9.35	
Avis, Steven	9.48	
Radonich, Pete	9.46	
Lonsway, Chris	9.49	
Trevino, Bobby	9.55	
Campbell, Bryan	9.40	
Sanchez, Arthur	9.38	
Zalewski, John	9.38	
MAXIMUM	9.56	
MINIMUM	9.31	
RANGE(MAX-MIN)	0.250	
MEAN	9.427	
STANDARD DEVIATION	0.071	

LIGHT DUTY RATING WORKSHOP (2011 APR 26-28)

Part ID= VRCL - VG ROCKER COVER LEFT

VRCL Yi Values

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

Rater	TOTALS	
Lopez, Frank	-0.53	
Viera, Ralph B.	1.58	
Castillo, George	-0.10	
Cumberworth, Lee	-0.67	
Barrera, Tony	-0.67	
Caproni, David	-1.65	
Greenland, Paul	1.44	
Adams, Patrick	0.18	
Rodriguez, Jesus (Jesse)	-0.95	
Hurst, Kevin R.	1.86	
Kobrinetz, Joaquin J.	0.32	
Cales, Jonathon	0.32	
Lowsky, John	-0.24	
May, Marianne	-0.53	
Seiz, Ray	-1.37	
Foecking, Brian	-1.09	
Avis, Steven	0.74	
Radonich, Pete	0.46	
Lonsway, Chris	0.88	
Trevino, Bobby	1.72	
Campbell, Bryan	-0.38	
Sanchez, Arthur	-0.67	
Zalewski, John	-0.67	
MAXIMUM	1.86	
MINIMUM	-0.10	
RANGE(MAX-MIN)	1.967	
MEAN	0.000	
STANDARD DEVIATION	1.000	

LIGHT DUTY RATING WORKSHOP (2011 APR 26-28)

Part ID= VRCBR - VG RC BAFFLE SLUDGE R

Rated Values

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

Rater	TOTALS	
Lopez, Frank	9.05	
Viera, Ralph B.	8.77	
Castillo, George	9.23	
Cumberworth, Lee	9.06	
Greenland, Paul	9.16	
Caproni, David	8.94	
Rodriguez, Jesus (Jesse)	9.03	
Barrera, Tony	9.24	
Kobrinetz, Joaquin J.	8.96	
Lowsky, John	8.87	
Cales, Jonathon	9.11	
Adams, Patrick	9.11	
May, Marianne	9.09	
Seiz, Ray	8.83	
Foecking, Brian	8.85	
Avis, Steven	9.10	
Radonich, Pete	9.18	
Lonsway, Chris	8.55	
Trevino, Bobby	9.25	
Hurst, Kevin R.	9.09	
Sanchez, Arthur	8.98	
Zalewski, John	9.15	
Campbell, Bryan	8.87	
MAXIMUM	9.25	
MINIMUM	8.55	
RANGE(MAX-MIN)	0.700	
MEAN	9.020	
STANDARD DEVIATION	0.172	

LIGHT DUTY RATING WORKSHOP (2011 APR 26-28)

Part ID= VRCBR - VG RC BAFFLE SLUDGE R

VRCBR Yi Values

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

Rater	TOTALS	
Lopez, Frank	0.17	
Viera, Ralph B.	-1.46	
Castillo, George	1.22	
Cumberworth, Lee	0.23	
Greenland, Paul	0.81	
Caproni, David	-0.47	
Rodriguez, Jesus (Jesse)	0.06	
Barrera, Tony	1.28	
Kobrinetz, Joaquin J.	-0.35	
Lowsky, John	-0.88	
Cales, Jonathon	0.52	
Adams, Patrick	0.52	
May, Marianne	0.41	
Seiz, Ray	-1.11	
Foecking, Brian	-0.99	
Avis, Steven	0.46	
Radonich, Pete	0.93	
Lonsway, Chris	-2.74	
Trevino, Bobby	1.34	
Hurst, Kevin R.	0.41	
Sanchez, Arthur	-0.24	
Zalewski, John	0.76	
Campbell, Bryan	-0.88	
MAXIMUM	-2.74	
MINIMUM	0.06	
RANGE(MAX-MIN)	-2.798	
MEAN	0.000	
STANDARD DEVIATION	1.000	

LIGHT DUTY RATING WORKSHOP (2011 APR 26-28)

Part ID= VRCBL - VG RC BAFFLE SLUDGE L

Rated Values

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

Rater	TOTALS	
Lopez, Frank	9.35	
Viera, Ralph B.	9.45	
Castillo, George	9.42	
Cumberworth, Lee	9.12	
Caproni, David	9.21	
Greenland, Paul	9.25	
Adams, Patrick	9.24	
Rodriguez, Jesus (Jesse)	9.21	
Hurst, Kevin R.	9.27	
Kobrinetz, Joaquin J.	9.30	
Barrera, Tony	9.27	
Lowsky, John	9.08	
Cales, Jonathon	9.18	
May, Marianne	9.37	
Seiz, Ray	9.14	
Foecking, Brian	9.34	
Avis, Steven	9.32	
Radonich, Pete	9.25	
Lonsway, Chris	9.24	
Trevino, Bobby	9.43	
Campbell, Bryan	9.23	
Sanchez, Arthur	9.27	
Zalewski, John	9.27	
MAXIMUM	9.45	
MINIMUM	9.08	
RANGE(MAX-MIN)	0.370	
MEAN	9.270	
STANDARD DEVIATION	0.095	

LIGHT DUTY RATING WORKSHOP (2011 APR 26-28)

Part ID= VRCBL - VG RC BAFFLE SLUDGE L

VRCBL Yi Values

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

Rater	TOTALS	
Lopez, Frank	0.84	
Viera, Ralph B.	1.89	
Castillo, George	1.57	
Cumberworth, Lee	-1.57	
Caproni, David	-0.63	
Greenland, Paul	-0.21	
Adams, Patrick	-0.31	
Rodriguez, Jesus (Jesse)	-0.63	
Hurst, Kevin R.	0.00	
Kobrinetz, Joaquin J.	0.31	
Barrera, Tony	0.00	
Lowsky, John	-1.99	
Cales, Jonathon	-0.94	
May, Marianne	1.05	
Seiz, Ray	-1.36	
Foecking, Brian	0.73	
Avis, Steven	0.52	
Radonich, Pete	-0.21	
Lonsway, Chris	-0.31	
Trevino, Bobby	1.68	
Campbell, Bryan	-0.42	
Sanchez, Arthur	0.00	
Zalewski, John	0.00	
MAXIMUM	-1.99	
MINIMUM	0.00	
RANGE(MAX-MIN)	-1.992	
MEAN	0.000	
STANDARD DEVIATION	1.000	

LIGHT DUTY RATING WORKSHOP (2011 APR 26-28)

Part ID= VRCBVR - VG RC BAFFLE VARNISH R

Rated Values

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

Rater	AVERAG	
Lopez, Frank	9.90	
Viera, Ralph B.	9.48	
Castillo, George	9.50	
Cumberworth, Lee	9.70	
Caproni, David	9.70	
Greenland, Paul	9.65	
Rodriguez, Jesus (Jesse)	9.80	
Kobrinetz, Joaquin J.	9.88	
Barrera, Tony	9.70	
Adams, Patrick	9.90	
Cales, Jonathon	9.66	
Lowsky, John	9.75	
May, Marianne	9.50	
Seiz, Ray	9.75	
Foecking, Brian	9.65	
Avis, Steven	9.60	
Radonich, Pete	9.67	
Lonsway, Chris	9.80	
Trevino, Bobby	9.70	
Hurst, Kevin R.	9.66	
Zalewski, John	9.90	
Sanchez, Arthur	9.65	
Campbell, Bryan	9.69	
MAXIMUM	9.90	
MINIMUM	9.48	
RANGE(MAX-MIN)	0.420	
MEAN	9.704	
STANDARD DEVIATION	0.122	

LIGHT DUTY RATING WORKSHOP (2011 APR 26-28)

Part ID= VRCBVR - VG RC BAFFLE VARNISH R

VRCBVR Yi Values

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

Rater	AVERAG	
Lopez, Frank	1.61	
Viera, Ralph B.	-1.84	
Castillo, George	-1.67	
Cumberworth, Lee	-0.03	
Caproni, David	-0.03	
Greenland, Paul	-0.44	
Rodriguez, Jesus (Jesse)	0.79	
Kobrinetz, Joaquin J.	1.44	
Barrera, Tony	-0.03	
Adams, Patrick	1.61	
Cales, Jonathon	-0.36	
Lowsky, John	0.38	
May, Marianne	-1.67	
Seiz, Ray	0.38	
Foecking, Brian	-0.44	
Avis, Steven	-0.85	
Radonich, Pete	-0.28	
Lonsway, Chris	0.79	
Trevino, Bobby	-0.03	
Hurst, Kevin R.	-0.36	
Zalewski, John	1.61	
Sanchez, Arthur	-0.44	
Campbell, Bryan	-0.11	
MAXIMUM	-1.84	
MINIMUM	-0.03	
RANGE(MAX-MIN)	-1.804	
MEAN	0.000	
STANDARD DEVIATION	1.000	

LIGHT DUTY RATING WORKSHOP (2011 APR 26-28)

Part ID= VRCBVL - VG RC BAFFLE VARNISH L

Rated Values

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

Rater	AVERAG	
Lopez, Frank	9.80	
Viera, Ralph B.	9.32	
Castillo, George	9.62	
Cumberworth, Lee	9.77	
Caproni, David	9.70	
Greenland, Paul	9.70	
Adams, Patrick	9.90	
Rodriguez, Jesus (Jesse)	9.80	
Kobrinetz, Joaquin J.	9.93	
Barrera, Tony	9.70	
Cales, Jonathon	9.57	
Lowsky, John	9.75	
May, Marianne	9.60	
Seiz, Ray	9.80	
Foecking, Brian	9.73	
Avis, Steven	9.68	
Radonich, Pete	9.72	
Lonsway, Chris	9.76	
Trevino, Bobby	9.70	
Hurst, Kevin R.	9.77	
Zalewski, John	9.90	
Sanchez, Arthur	9.70	
Campbell, Bryan	9.81	
MAXIMUM	9.93	
MINIMUM	9.32	
RANGE(MAX-MIN)	0.610	
MEAN	9.727	
STANDARD DEVIATION	0.127	

LIGHT DUTY RATING WORKSHOP (2011 APR 26-28)

Part ID= VRCBVL - VG RC BAFFLE VARNISH L

VRCBVL Yi Values

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

Rater	AVERAG	
Lopez, Frank	0.57	
Viera, Ralph B.	-3.22	
Castillo, George	-0.85	
Cumberworth, Lee	0.34	
Caproni, David	-0.22	
Greenland, Paul	-0.22	
Adams, Patrick	1.36	
Rodriguez, Jesus (Jesse)	0.57	
Kobrinetz, Joaquin J.	1.60	
Barrera, Tony	-0.22	
Cales, Jonathon	-1.24	
Lowsky, John	0.18	
May, Marianne	-1.01	
Seiz, Ray	0.57	
Foecking, Brian	0.02	
Avis, Steven	-0.37	
Radonich, Pete	-0.06	
Lonsway, Chris	0.26	
Trevino, Bobby	-0.22	
Hurst, Kevin R.	0.34	
Zalewski, John	1.36	
Sanchez, Arthur	-0.22	
Campbell, Bryan	0.65	
MAXIMUM	-3.22	
MINIMUM	0.02	
RANGE(MAX-MIN)	-3.237	
MEAN	0.000	
STANDARD DEVIATION	1.000	

LIGHT DUTY RATING WORKSHOP (2011 APR 26-28)

Part ID= VVDR - VG VALVE DECK AREA R

Rated Values

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

Rater	TOTALS	
Lopez, Frank	7.81	
Castillo, George	7.90	
Viera, Ralph B.	7.68	
Cumberworth, Lee	7.60	
Caproni, David	7.91	
Greenland, Paul	7.71	
Rodriguez, Jesus (Jesse)	7.82	
Kobrinetz, Joaquin J.	7.68	
Barrera, Tony	7.74	
Adams, Patrick	7.74	
Cales, Jonathon	7.61	
Lowsky, John	7.82	
May, Marianne	7.87	
Seiz, Ray	7.61	
Foecking, Brian	7.52	
Avis, Steven	7.71	
Radonich, Pete	7.68	
Lonsway, Chris	7.64	
Trevino, Bobby	7.71	
Hurst, Kevin R.	7.68	
Zalewski, John	7.66	
Sanchez, Arthur	7.81	
Campbell, Bryan	7.65	
MAXIMUM	7.91	
MINIMUM	7.52	
RANGE(MAX-MIN)	0.390	
MEAN	7.720	
STANDARD DEVIATION	0.102	

LIGHT DUTY RATING WORKSHOP (2011 APR 26-28)

Part ID= VVDR - VG VALVE DECK AREA R

VVDR Yi Values

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

Rater	TOTALS	
Lopez, Frank	0.88	
Castillo, George	1.77	
Viera, Ralph B.	-0.39	
Cumberworth, Lee	-1.18	
Caproni, David	1.87	
Greenland, Paul	-0.10	
Rodriguez, Jesus (Jesse)	0.98	
Kobrinetz, Joaquin J.	-0.39	
Barrera, Tony	0.20	
Adams, Patrick	0.20	
Cales, Jonathon	-1.08	
Lowsky, John	0.98	
May, Marianne	1.47	
Seiz, Ray	-1.08	
Foecking, Brian	-1.96	
Avis, Steven	-0.10	
Radonich, Pete	-0.39	
Lonsway, Chris	-0.79	
Trevino, Bobby	-0.10	
Hurst, Kevin R.	-0.39	
Zalewski, John	-0.59	
Sanchez, Arthur	0.88	
Campbell, Bryan	-0.69	
MAXIMUM	-1.96	
MINIMUM	-0.10	
RANGE(MAX-MIN)	-1.866	
MEAN	0.000	
STANDARD DEVIATION	1.000	

LIGHT DUTY RATING WORKSHOP (2011 APR 26-28)

Part ID= VVDL - VG VALVE DECK AREA L

Rated Values

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

Rater	TOTALS	
Lopez, Frank	9.34	
Viera, Ralph B.	9.14	
Castillo, George	9.36	
Cumberworth, Lee	9.20	
Caproni, David	9.38	
Greenland, Paul	9.41	
Adams, Patrick	9.42	
Rodriguez, Jesus (Jesse)	9.41	
Hurst, Kevin R.	9.48	
Kobrinetz, Joaquin J.	9.31	
Barrera, Tony	9.39	
Cales, Jonathon	9.25	
Lowsky, John	9.49	
May, Marianne	9.45	
Seiz, Ray	9.33	
Foecking, Brian	9.23	
Avis, Steven	9.46	
Radonich, Pete	9.31	
Lonsway, Chris	9.24	
Trevino, Bobby	9.41	
Campbell, Bryan	9.27	
Zalewski, John	9.33	
Sanchez, Arthur	9.34	
MAXIMUM	9.49	
MINIMUM	9.14	
RANGE(MAX-MIN)	0.350	
MEAN	9.346	
STANDARD DEVIATION	0.093	

LIGHT DUTY RATING WORKSHOP (2011 APR 26-28)

Part ID= VVDL - VG VALVE DECK AREA L

VVDL Yi Values

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

Rater	TOTALS	
Lopez, Frank	-0.06	
Viera, Ralph B.	-2.21	
Castillo, George	0.15	
Cumberworth, Lee	-1.57	
Caproni, David	0.37	
Greenland, Paul	0.69	
Adams, Patrick	0.80	
Rodriguez, Jesus (Jesse)	0.69	
Hurst, Kevin R.	1.45	
Kobrinetz, Joaquin J.	-0.38	
Barrera, Tony	0.48	
Cales, Jonathon	-1.03	
Lowsky, John	1.55	
May, Marianne	1.12	
Seiz, Ray	-0.17	
Foecking, Brian	-1.24	
Avis, Steven	1.23	
Radonich, Pete	-0.38	
Lonsway, Chris	-1.14	
Trevino, Bobby	0.69	
Campbell, Bryan	-0.81	
Zalewski, John	-0.17	
Sanchez, Arthur	-0.06	
MAXIMUM	-2.21	
MINIMUM	-0.06	
RANGE(MAX-MIN)	-2.151	
MEAN	0.000	
STANDARD DEVIATION	1.000	

LIGHT DUTY RATING WORKSHOP (2011 APR 26-28)

Part ID= VOPB - VG OIL PAN BAFFLE

Rated Values

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

Rater	TOTALS	
Lopez, Frank	9.54	
Viera, Ralph B.	9.54	
Castillo, George	9.45	
Cumberworth, Lee	9.39	
Greenland, Paul	9.37	
Rodriguez, Jesus (Jesse)	9.46	
Kobrinetz, Joaquin J.	9.58	
Barrera, Tony	9.48	
Lowsky, John	9.37	
Adams, Patrick	9.47	
Cales, Jonathon	9.45	
May, Marianne	9.45	
Seiz, Ray	9.34	
Foecking, Brian	9.39	
Radonich, Pete	9.48	
Avis, Steven	9.42	
Lonsway, Chris	9.41	
Trevino, Bobby	9.48	
Hurst, Kevin R.	9.33	
Sanchez, Arthur	9.46	
Zalewski, John	9.53	
Campbell, Bryan	9.39	
Caproni, David	9.41	
MAXIMUM	9.58	
MINIMUM	9.33	
RANGE(MAX-MIN)	0.250	
MEAN	9.443	
STANDARD DEVIATION	0.066	

LIGHT DUTY RATING WORKSHOP (2011 APR 26-28)

Part ID= VOPB - VG OIL PAN BAFFLE

VOPB Y1 Values

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

Rater	TOTALS	
Lopez, Frank	1.47	
Viera, Ralph B.	1.47	
Castillo, George	0.11	
Cumberworth, Lee	-0.80	
Greenland, Paul	-1.11	
Rodriguez, Jesus (Jesse)	0.26	
Kobrinetz, Joaquin J.	2.07	
Barrera, Tony	0.56	
Lowsky, John	-1.11	
Adams, Patrick	0.41	
Cales, Jonathon	0.11	
May, Marianne	0.11	
Seiz, Ray	-1.56	
Foecking, Brian	-0.80	
Radonich, Pete	0.56	
Avis, Steven	-0.35	
Lonsway, Chris	-0.50	
Trevino, Bobby	0.56	
Hurst, Kevin R.	-1.71	
Sanchez, Arthur	0.26	
Zalewski, John	1.32	
Campbell, Bryan	-0.80	
Caproni, David	-0.50	
MAXIMUM	2.07	
MINIMUM	0.11	
RANGE(MAX-MIN)	1.969	
MEAN	0.000	
STANDARD DEVIATION	1.000	

LIGHT DUTY RATING WORKSHOP (2011 APR 26-28)

Part ID= OILSCR - VG OIL SCREEN

Rated Values

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

Rater	P1	P2
Lopez, Frank	1.00	4.00
Viera, Ralph B.	0.00	2.00
Castillo, George	0.00	2.00
Cumberworth, Lee	0.00	2.00
Caproni, David	0.00	1.00
Greenland, Paul	1.00	1.00
Adams, Patrick	5.00	1.00
Rodriguez, Jesus (Jesse)	1.00	1.00
Kobrinetz, Joaquin J.	3.00	2.00
Barrera, Tony	0.00	2.00
Cales, Jonathon	0.00	3.00
Lowsky, John	0.50	1.00
May, Marianne	1.00	3.00
Seiz, Ray	0.50	1.50
Foecking, Brian	1.00	3.00
Avis, Steven	1.00	1.00
Radonich, Pete	1.00	2.00
Lonsway, Chris	2.00	3.00
Trevino, Bobby	1.00	2.00
Zalewski, John	0.00	2.00
Sanchez, Arthur	0.00	2.00
Campbell, Bryan	0.00	2.25
MAXIMUM	5.00	4.00
MINIMUM	0.00	1.00
RANGE(MAX-MIN)	5.000	3.000
MEAN	0.864	1.989
STANDARD DEVIATION	1.197	0.825

Part ID= OILSCR - VG OIL SCREEN

OILSCR Y1 Values

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

Rater	P1	P2
Lopez, Frank	0.11	2.44
Viera, Ralph B.	-0.72	0.01
Castillo, George	-0.72	0.01
Cumberworth, Lee	-0.72	0.01
Caproni, David	-0.72	-1.20
Greenland, Paul	0.11	-1.20
Adams, Patrick	3.46	-1.20
Rodriguez, Jesus (Jesse)	0.11	-1.20
Kobrinetz, Joaquin J.	1.78	0.01
Barrera, Tony	-0.72	0.01
Cales, Jonathon	-0.72	1.23
Lowsky, John	-0.30	-1.20
May, Marianne	0.11	1.23
Seiz, Ray	-0.30	-0.59
Foecking, Brian	0.11	1.23
Avis, Steven	0.11	-1.20
Radonich, Pete	0.11	0.01
Lonsway, Chris	0.95	1.23
Trevino, Bobby	0.11	0.01
Zalewski, John	-0.72	0.01
Sanchez, Arthur	-0.72	0.01
Campbell, Bryan	-0.72	0.32
MAXIMUM	3.46	2.44
MINIMUM	0.11	0.01
RANGE(MAX-MIN)	3.342	2.423
MEAN	0.000	0.000
STANDARD DEVIATION	1.000	1.000

LIGHT DUTY RATING WORKSHOP (2011 APR 26-28)

Part ID= VOP - VG OIL PAN

Rated Values

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

Rater	TOTALS	
Lopez, Frank	9.28	
Viera, Ralph B.	9.23	
Castillo, George	9.41	
Cumberworth, Lee	9.20	
Greenland, Paul	9.24	
Rodriguez, Jesus (Jesse)	9.30	
Kobrinetz, Joaquin J.	9.30	
Barrera, Tony	9.31	
Lowsky, John	9.30	
Cales, Jonathon	9.24	
Adams, Patrick	9.20	
May, Marianne	9.34	
Seiz, Ray	9.21	
Foecking, Brian	9.15	
Avis, Steven	9.32	
Radonich, Pete	9.40	
Lonsway, Chris	9.22	
Trevino, Bobby	9.42	
Hurst, Kevin R.	9.15	
Zalewski, John	9.27	
Sanchez, Arthur	9.24	
Campbell, Bryan	9.24	
Caproni, David	9.20	
MAXIMUM	9.42	
MINIMUM	9.15	
RANGE(MAX-MIN)	0.270	
MEAN	9.268	
STANDARD DEVIATION	0.076	

LIGHT DUTY RATING WORKSHOP (2011 APR 26-28)

Part ID= VOP - VG OIL PAN

VOP Yi Values

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

Rater	TOTALS	
Lopez, Frank	0.16	
Viera, Ralph B.	-0.51	
Castillo, George	1.88	
Cumberworth, Lee	-0.90	
Greenland, Paul	-0.37	
Rodriguez, Jesus (Jesse)	0.42	
Kobrinetz, Joaquin J.	0.42	
Barrera, Tony	0.55	
Lowsky, John	0.42	
Cales, Jonathon	-0.37	
Adams, Patrick	-0.90	
May, Marianne	0.95	
Seiz, Ray	-0.77	
Foecking, Brian	-1.57	
Avis, Steven	0.68	
Radonich, Pete	1.74	
Lonsway, Chris	-0.64	
Trevino, Bobby	2.01	
Hurst, Kevin R.	-1.57	
Zalewski, John	0.02	
Sanchez, Arthur	-0.37	
Campbell, Bryan	-0.37	
Caproni, David	-0.90	
MAXIMUM	2.01	
MINIMUM	0.02	
RANGE(MAX-MIN)	1.986	
MEAN	0.000	
STANDARD DEVIATION	1.000	

LIGHT DUTY RATING WORKSHOP (2011 APR 26-28)

Rater= Adams, Patrick

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCTOT	THTOT	ATTOT	G4TOT	L4TOT
A1-SEQUENCE III										
A2-SEQUENCE III										
A3-SEQUENCE III										
A4-SEQUENCE III										
A5-SQUARE CUT	0.13	-1.97	-0.78	-0.39	-0.38				0.27	0.37
A6-SEQUENCE III										
A7-SQUARE CUT	-0.91	0.29	-1.21	-2.01	-0.72				0.52	-0.89
B1-SEQUENCE III										
B2-SEQUENCE III										
B3-SEQUENCE III	0.54	0.00	0.67	1.33	-0.01	0.01	0.06	-0.50		
B4-SEQUENCE III	-0.23	-0.88	0.31	1.21	-1.12	-0.45	-0.47	-1.13		
B5-SQUARE CUT										
B6-SEQUENCE III										
B7-SQUARE CUT	0.48	-0.31	-0.65	-1.24	-0.31				0.49	-1.14
C1-SEQUENCE III	-1.98	-0.65	0.33	-0.04	1.59	-0.63	-0.37	-1.30		
C2-SEQUENCE III	-0.30	-0.03	0.83	0.28	0.94	1.83	0.34	-0.48		
C3-SEQUENCE III	1.89	-0.18	-0.31	0.60	0.80	-0.11	-0.34	-0.70		
C4-SEQUENCE III	-0.25	-0.33	0.03	1.51	0.36	0.72	-1.63	-1.35		
C5-SQUARE CUT	0.38	0.01	0.58	-1.44	-0.02				0.55	-0.27
C6-SEQUENCE III	-0.85	-1.74	-0.20	0.65	-0.01	0.41	-0.17	0.39		
C7-SQUARE CUT	-0.76	0.32	-0.96	-2.04	-1.15				0.62	0.02
CAL1A-CALIBRATION PISTON	-0.52	-0.25	0.18	-0.28	-0.55	0.95	0.25	0.13		
CAL1B-CALIBRATION PISTON	-0.27	-0.09	0.36	-0.42	-1.09	0.61	-0.01	0.74		
CAL1C-CALIBRATION PISTON										
CAL1D-CALIBRATION PISTON										
MAXIMUM	-1.98	-1.97	-1.21	-2.04	1.59	1.83	-1.63	-1.35	0.62	-1.14
MINIMUM	0.13	0.00	0.03	-0.04	-0.01	0.01	-0.01	0.13	0.27	0.02
RANGE(MAX-MIN)	-2.110	-1.970	-1.240	-2.000	1.600	1.820	-1.620	-1.480	0.350	-1.160
MEAN	-0.189	-0.415	-0.059	-0.163	-0.119	0.371	-0.260	-0.467	0.490	-0.382
STANDARD DEVIATION	0.892	0.690	0.641	1.184	0.823	0.765	0.584	0.751	0.132	0.627

LIGHT DUTY RATING WORKSHOP (2011 APR 26-28)

Rater= Avis, Steven

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCTOT	THTOT	ATTOT	G4TOT	L4TOT	
A1-SEQUENCE III											
A2-SEQUENCE III											
A3-SEQUENCE III											
A4-SEQUENCE III											
A5-SQUARE CUT											
A6-SEQUENCE III											
A7-SQUARE CUT											
B1-SEQUENCE III	0.46	0.37	-0.21	-0.99	0.07	0.52	-1.51	0.82			
B2-SEQUENCE III	-0.89	0.37	-0.68	-0.87	-0.70	-0.13	-0.01	1.19			
B3-SEQUENCE III	-0.85	0.06	0.38	-0.75	-1.08	-0.51	-0.49	-0.58			
B4-SEQUENCE III	0.85	-0.02	-0.22	-0.70	-0.93	0.46	-0.25	0.96			
B5-SQUARE CUT	-0.68	-0.52	0.54	-0.51	-1.17				-0.17	-0.21	
B6-SEQUENCE III	-0.64	0.64	-0.99	-0.57	-0.16	0.16	-0.69	1.27			
B7-SQUARE CUT	0.37	-0.63	1.00	-0.41	-1.59				0.49	0.11	
C1-SEQUENCE III	-0.32	-0.24	-1.61	-0.49	-1.49	-0.57	0.53	1.66			
C2-SEQUENCE III	-0.41	-0.03	-1.27	-0.79	-1.25	-0.83	0.71	0.77			
C3-SEQUENCE III	0.38	-0.18	-1.20	-1.77	-1.03	-0.63	0.28	0.29			
C4-SEQUENCE III											
C5-SQUARE CUT	-1.03	-0.68	0.89	-0.82	0.85				1.18	0.93	
C6-SEQUENCE III											
C7-SQUARE CUT	-0.31	-3.13	-0.96	-0.61	1.41				0.62	1.47	
CAL1A-CALIBRATION PISTON	0.01	-0.25	0.93	-0.47	-0.05	0.85	0.76	1.85			
CAL1B-CALIBRATION PISTON											
CAL1C-CALIBRATION PISTON	0.39	-0.22	-0.12	0.28	1.18	-1.13	-1.75	0.84			
CAL1D-CALIBRATION PISTON											
MAXIMUM	-1.03	-3.13	-1.61	-1.77	-1.59	-1.13	-1.75	1.85	1.18	1.47	
MINIMUM	0.01	-0.02	-0.12	0.28	-0.05	-0.13	-0.01	0.29	-0.17	0.11	
RANGE(MAX-MIN)	-1.040	-3.110	-1.490	-2.050	-1.540	-1.000	-1.740	1.560	1.350	1.360	
MEAN	-0.191	-0.319	-0.251	-0.676	-0.424	-0.181	-0.242	0.907	0.530	0.575	
STANDARD DEVIATION	0.600	0.894	0.891	0.437	0.995	0.655	0.880	0.691	0.554	0.766	

LIGHT DUTY RATING WORKSHOP (2011 APR 26-28)

Rater= Barrera, Tony

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCTOT	THTOT	ATTOT	G4TOT	L4TOT	
A1-SEQUENCE III											
A2-SEQUENCE III											
A3-SEQUENCE III											
A4-SEQUENCE III											
A5-SQUARE CUT											
A6-SEQUENCE III											
A7-SQUARE CUT											
B1-SEQUENCE III											
B2-SEQUENCE III											
B3-SEQUENCE III											
B4-SEQUENCE III											
B5-SQUARE CUT											
B6-SEQUENCE III											
B7-SQUARE CUT											
C1-SEQUENCE III	-0.83	-0.45	-0.50	0.02	-0.25	0.93	0.24	1.34			
C2-SEQUENCE III	-0.30	-0.03	-0.72	-0.26	-0.86	0.63	0.71	0.44			
C3-SEQUENCE III	-1.52	-0.18	-0.15	-0.59	-0.64	-0.24	0.62	0.84			
C4-SEQUENCE III	-1.15	-1.28	-0.36	-0.10	-0.63	0.72	0.41	0.68			
C5-SQUARE CUT	-0.41	-0.54	-0.21	-1.03	0.43				-0.66	0.52	
C6-SEQUENCE III	-0.82	-1.26	-0.44	-0.71	-0.95	0.37	-0.75	0.24			
C7-SQUARE CUT	-0.55	0.28	1.85	0.05	1.28				2.04	1.47	
CAL1A-CALIBRATION PISTON											
CAL1B-CALIBRATION PISTON	0.10	-0.34	0.44	-0.18	0.04	-0.25	0.45	0.58			
CAL1C-CALIBRATION PISTON	0.17	-0.22	0.47	-0.20	-1.04	2.13	0.64	-0.32			
CAL1D-CALIBRATION PISTON											
MAXIMUM	-1.52	-1.28	1.85	-1.03	1.28	2.13	-0.75	1.34	2.04	1.47	
MINIMUM	0.10	-0.03	-0.15	0.02	0.04	-0.24	0.24	0.24	-0.66	0.52	
RANGE(MAX-MIN)	-1.620	-1.250	2.000	-1.050	1.240	2.370	-0.990	1.100	2.700	0.950	
MEAN	-0.590	-0.447	0.042	-0.333	-0.291	0.613	0.331	0.543	0.690	0.995	
STANDARD DEVIATION	0.555	0.524	0.789	0.365	0.763	0.811	0.503	0.515	1.909	0.672	

LIGHT DUTY RATING WORKSHOP (2011 APR 26-28)

Rater= Cales, Jonathon

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCTOT	THTOT	ATTOT	G4TOT	L4TOT
A1-SEQUENCE III	0.06	-0.49	-0.18	0.84	-0.28	0.27	0.57	-0.17		
A2-SEQUENCE III	-0.40	0.21	-0.06	-0.08	-0.65	0.28	0.47	-0.48		
A3-SEQUENCE III	-0.63	-0.12	-0.44	0.78	-0.69	-1.05	0.18	-0.38		
A4-SEQUENCE III	0.29	0.22	-0.03	0.50	-0.77	-0.55	0.01	0.64		
A5-SQUARE CUT	-0.36	-0.03	0.54	-1.05	1.22				0.27	0.37
A6-SEQUENCE III	0.24	-0.25	-0.01	-0.29	-0.72	-1.31	-1.12	-0.13		
A7-SQUARE CUT	0.96	0.29	-0.81	-0.95	0.04				-0.10	0.74
B1-SEQUENCE III										
B2-SEQUENCE III										
B3-SEQUENCE III										
B4-SEQUENCE III										
B5-SQUARE CUT										
B6-SEQUENCE III										
B7-SQUARE CUT										
C1-SEQUENCE III										
C2-SEQUENCE III										
C3-SEQUENCE III										
C4-SEQUENCE III										
C5-SQUARE CUT										
C6-SEQUENCE III										
C7-SQUARE CUT										
CAL1A-CALIBRATION PISTON										
CAL1B-CALIBRATION PISTON										
CAL1C-CALIBRATION PISTON	-0.14	-0.22	-2.18	0.17	-0.64	-0.02	-0.67	0.53		
CAL1D-CALIBRATION PISTON	-0.42	-1.40	-0.52	-0.50	-0.72	0.30	-0.89	0.32		
MAXIMUM	0.96	-1.40	-2.18	-1.05	1.22	-1.31	-1.12	0.64	0.27	0.74
MINIMUM	0.06	-0.03	-0.01	-0.08	0.04	-0.02	0.01	-0.13	-0.10	0.37
RANGE(MAX-MIN)	0.900	-1.370	-2.170	-0.970	1.180	-1.290	-1.130	0.770	0.370	0.370
MEAN	-0.044	-0.199	-0.410	-0.064	-0.357	-0.297	-0.207	0.047	0.085	0.555
STANDARD DEVIATION	0.491	0.518	0.766	0.698	0.648	0.676	0.680	0.447	0.262	0.262

LIGHT DUTY RATING WORKSHOP (2011 APR 26-28)

Rater= Campbell, Bryan

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	I2TOT	L3TOT	UCTOT	THTOT	ATTOT	G4TOT	I4TOT	
A1-SEQUENCE III											
A2-SEQUENCE III	1.76	0.92	-2.13	3.43	-0.49	0.71	-1.40	1.00			
A3-SEQUENCE III											
A4-SEQUENCE III											
A5-SQUARE CUT											
A6-SEQUENCE III											
A7-SQUARE CUT											
B1-SEQUENCE III	-0.96	1.56	-0.02	0.94	-0.12	-1.99	-0.61	0.99			
B2-SEQUENCE III											
B3-SEQUENCE III											
B4-SEQUENCE III											
B5-SQUARE CUT											
B6-SEQUENCE III											
B7-SQUARE CUT											
C1-SEQUENCE III											
C2-SEQUENCE III											
C3-SEQUENCE III	0.38	-0.62	0.74	0.89	0.83	2.76	0.38	0.40			
C4-SEQUENCE III	1.88	-0.14	-0.38	0.27	1.54	1.24	0.98	0.54			
C5-SQUARE CUT	-2.24	2.74	0.95	-1.00	-2.83				0.74	-1.78	
C6-SEQUENCE III											
C7-SQUARE CUT											
CAL1A-CALIBRATION PISTON	3.75	3.87	-0.70	3.27	1.81	0.54	0.14	0.48			
CAL1B-CALIBRATION PISTON	3.08	3.53	0.85	3.55	1.46	3.27	-0.95	0.58			
CAL1C-CALIBRATION PISTON	-2.78	4.00	0.14	3.48	-1.72	0.00	0.17	0.92			
CAL1D-CALIBRATION PISTON	-0.15	2.46	0.49	0.64	-0.24	2.57	-1.01	-0.01			
MAXIMUM	3.75	4.00	-2.13	3.55	-2.83	3.27	-1.40	1.00	0.74	-1.78	
MINIMUM	-0.15	-0.14	-0.02	0.27	-0.12	0.00	0.14	-0.01	0.74	-1.78	
RANGE(MAX-MIN)	3.900	4.140	-2.110	3.280	-2.710	3.270	-1.540	1.010	0.000	0.000	
MEAN	0.524	2.036	-0.007	1.719	0.027	1.138	-0.288	0.613	0.740	-1.780	
STANDARD DEVIATION	2.279	1.710	0.975	1.723	1.571	1.726	0.823	0.347	0.000	0.000	

LIGHT DUTY RATING WORKSHOP (2011 APR 26-28)

Rater= Caproni, David

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCTOT	THTOT	ATTOT	G4TOT	L4TOT	
A1-SEQUENCE III											
A2-SEQUENCE III											
A3-SEQUENCE III											
A4-SEQUENCE III											
A5-SQUARE CUT											
A6-SEQUENCE III											
A7-SQUARE CUT											
B1-SEQUENCE III											
B2-SEQUENCE III											
B3-SEQUENCE III											
B4-SEQUENCE III											
B5-SQUARE CUT											
B6-SEQUENCE III											
B7-SQUARE CUT											
C1-SEQUENCE III	-0.60	0.56	-0.68	-0.49	-0.45	0.61	-1.70	-1.30			
C2-SEQUENCE III	-0.70	-0.03	-1.18	0.28	1.84	-0.35	-0.33	0.35			
C3-SEQUENCE III	1.09	-0.33	-0.38	0.11	1.49	-0.31	-1.74	-0.70			
C4-SEQUENCE III	-0.53	1.32	-0.04	1.63	1.09	-0.40	-2.05	0.10			
C5-SQUARE CUT	0.36	0.16	-1.74	1.99	-0.05				0.55	-0.20	
C6-SEQUENCE III	-0.24	-0.52	-1.92	0.47	-0.04	0.46	-1.55	-1.86			
C7-SQUARE CUT	0.37	-0.52	0.52	-0.28	0.13				0.62	0.02	
CAL1A-CALIBRATION PISTON	-0.47	-0.25	-0.37	-0.01	0.24	0.38	-1.09	-0.90			
CAL1B-CALIBRATION PISTON	-0.25	-0.53	-1.26	-0.21	0.44	-0.10	-0.85	-0.89			
CAL1C-CALIBRATION PISTON											
CAL1D-CALIBRATION PISTON											
MAXIMUM	1.09	1.32	-1.92	1.99	1.84	0.61	-2.05	-1.86	0.62	-0.20	
MINIMUM	-0.24	-0.03	-0.04	-0.01	-0.04	-0.10	-0.33	0.10	0.55	0.02	
RANGE(MAX-MIN)	1.330	1.350	-1.880	2.000	1.880	0.710	-1.720	-1.960	0.070	-0.220	
MEAN	-0.108	-0.016	-0.783	0.388	0.521	0.041	-1.330	-0.743	0.585	-0.090	
STANDARD DEVIATION	0.594	0.620	0.805	0.862	0.777	0.429	0.600	0.765	0.049	0.156	

LIGHT DUTY RATING WORKSHOP (2011 APR 26-28)

Rater= Castillo, George

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	I2TOT	L3TOT	UCTOT	THTOT	ATTOT	G4TOT	L4TOT	
A1-SEQUENCE III											
A2-SEQUENCE III											
A3-SEQUENCE III											
A4-SEQUENCE III											
A5-SQUARE CUT											
A6-SEQUENCE III											
A7-SQUARE CUT											
B1-SEQUENCE III	0.28	0.12	0.87	-0.88	1.13	0.26	-0.25	-0.64			
B2-SEQUENCE III	-0.46	-0.06	1.01	0.41	-0.13	0.56	-0.15	0.08			
B3-SEQUENCE III	-0.42	-0.15	1.02	-0.54	0.05	0.99	-0.37	0.37			
B4-SEQUENCE III	-0.11	0.32	0.98	-0.57	0.20	0.91	0.27	-0.35			
B5-SQUARE CUT	0.17	0.04	0.54	-0.54	-1.11				1.03	-0.59	
B6-SEQUENCE III	-0.64	0.30	0.71	-0.29	-0.83	-1.09	-0.83	1.27			
B7-SQUARE CUT	-0.45	1.65	0.03	0.01	-1.39				-0.79	-1.74	
C1-SEQUENCE III	0.54	-0.04	-0.29	0.02	0.40	2.03	0.41	0.26			
C2-SEQUENCE III	-0.30	-0.03	0.42	-0.56	-0.99	-0.28	-1.48	0.27			
C3-SEQUENCE III	-0.81	0.12	0.96	0.01	-0.85	-0.31	0.10	-0.04			
C4-SEQUENCE III	-0.81	-0.08	0.20	-1.09	0.20	0.25	0.34	0.10			
C5-SQUARE CUT	-0.98	-0.81	0.21	1.04	0.67				0.04	0.18	
C6-SEQUENCE III	-0.14	-0.29	1.07	-0.28	-0.92	0.32	0.49	0.69			
C7-SQUARE CUT	-0.35	0.49	-0.37	0.64	-1.15				-1.43	0.02	
CAL1A-CALIBRATION PISTON											
CAL1B-CALIBRATION PISTON	-0.92	-0.14	1.50	-0.07	0.15	-0.40	0.17	0.41			
CAL1C-CALIBRATION PISTON											
CAL1D-CALIBRATION PISTON	-0.39	0.57	0.48	-0.34	1.21	-0.01	0.00	-0.27			
MAXIMUM	-0.98	1.65	1.50	-1.09	-1.39	2.03	-1.48	1.27	-1.43	-1.74	
MINIMUM	-0.11	-0.03	0.03	0.01	0.05	-0.01	0.00	-0.04	0.04	0.02	
RANGE(MAX-MIN)	-0.870	1.680	1.470	-1.100	-1.440	2.040	-1.480	1.310	-1.470	-1.760	
MEAN	-0.362	0.126	0.584	-0.189	-0.210	0.269	-0.108	0.179	-0.288	-0.533	
STANDARD DEVIATION	0.434	0.520	0.526	0.551	0.836	0.805	0.572	0.502	1.065	0.871	

LIGHT DUTY RATING WORKSHOP (2011 APR 26-28)

Rater= Cumberworth, Lee

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCTOT	THTOT	ATTOT	G4TOT	L4TOT	
A1-SEQUENCE III											
A2-SEQUENCE III											
A3-SEQUENCE III											
A4-SEQUENCE III											
A5-SQUARE CUT											
A6-SEQUENCE III											
A7-SQUARE CUT											
B1-SEQUENCE III	-1.14	-1.23	0.48	-0.29	-0.48	-0.82	1.62	0.66			
B2-SEQUENCE III	-0.52	-1.65	0.20	-0.41	0.05	-0.90	0.77	0.53			
B3-SEQUENCE III	-0.35	-2.60	-0.19	-0.19	-0.06	-0.43	2.06	2.20			
B4-SEQUENCE III	-1.24	-0.57	-0.14	-1.80	-0.29	-0.07	2.21	1.09			
B5-SQUARE CUT	1.63	-1.01	0.54	1.57	-0.08				1.98	-0.26	
B6-SEQUENCE III	0.83	-1.52	1.75	0.46	-0.56	-1.06	1.72	0.16			
B7-SQUARE CUT	0.09	-0.03	0.31	-0.30	0.01				-0.24	-0.43	
C1-SEQUENCE III											
C2-SEQUENCE III											
C3-SEQUENCE III											
C4-SEQUENCE III											
C5-SQUARE CUT											
C6-SEQUENCE III											
C7-SQUARE CUT											
CAL1A-CALIBRATION PISTON											
CAL1B-CALIBRATION PISTON	-0.40	-0.14	-0.53	-0.08	-1.35	-0.74	1.92	0.74			
CAL1C-CALIBRATION PISTON											
CAL1D-CALIBRATION PISTON	-0.82	-1.92	0.14	1.14	-0.08	-1.45	1.32	1.01			
MAXIMUM	1.63	-2.60	1.75	-1.80	-1.35	-1.45	2.21	2.20	1.98	-0.43	
MINIMUM	0.09	-0.03	-0.14	-0.08	0.01	-0.07	0.77	0.16	-0.24	-0.26	
RANGE(MAX-MIN)	1.540	-2.570	1.890	-1.720	-1.360	-1.380	1.440	2.040	2.220	-0.170	
MEAN	-0.213	-1.186	0.284	0.011	-0.316	-0.781	1.660	0.913	0.870	-0.345	
STANDARD DEVIATION	0.936	0.845	0.647	0.975	0.443	0.442	0.490	0.646	1.570	0.120	

LIGHT DUTY RATING WORKSHOP (2011 APR 26-28)

Rater= Foecking, Brian

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCTOT	THTOT	ATTOT	G4TOT	L4TOT
A1-SEQUENCE III	-0.62	-0.50	0.16	1.62	0.10	0.24	-1.66	-0.57		
A2-SEQUENCE III	0.27	0.21	0.84	-0.15	-0.65	0.04	-0.09	0.45		
A3-SEQUENCE III	0.42	-0.31	0.78	-0.23	-1.37	-0.02	0.18	0.56		
A4-SEQUENCE III	0.23	0.22	1.18	-0.47	-0.98	-0.56	0.12	0.21		
A5-SQUARE CUT	0.04	0.50	1.07	-0.72	1.22				1.07	1.11
A6-SEQUENCE III	0.77	0.22	0.86	-0.90	-0.21	-0.59	-0.10	-0.13		
A7-SQUARE CUT	2.17	1.50	1.29	-0.41	1.54				1.15	0.89
B1-SEQUENCE III										
B2-SEQUENCE III										
B3-SEQUENCE III										
B4-SEQUENCE III										
B5-SQUARE CUT										
B6-SEQUENCE III										
B7-SQUARE CUT										
C1-SEQUENCE III										
C2-SEQUENCE III										
C3-SEQUENCE III										
C4-SEQUENCE III										
C5-SQUARE CUT	-0.21	0.06	0.68	-0.76	0.94				0.74	0.86
C6-SEQUENCE III										
C7-SQUARE CUT	0.05	0.66	1.26	-0.42	0.77				-0.01	-0.12
CAL1A-CALIBRATION PISTON	0.33	-0.27	0.41	-0.28	-1.49	-0.09	-0.53	-0.90		
CAL1B-CALIBRATION PISTON										
CAL1C-CALIBRATION PISTON										
CAL1D-CALIBRATION PISTON	-0.13	-0.28	0.57	0.61	0.17	-0.77	0.12	0.13		
MAXIMUM	2.17	1.50	1.29	1.62	1.54	-0.77	-1.66	-0.90	1.15	1.11
MINIMUM	0.04	0.06	0.16	-0.15	0.10	-0.02	-0.09	-0.13	-0.01	-0.12
RANGE(MAX-MIN)	2.130	1.440	1.130	1.770	1.440	-0.750	-1.570	-0.770	1.160	1.230
MEAN	0.302	0.183	0.827	-0.192	0.004	-0.250	-0.280	-0.036	0.738	0.685
STANDARD DEVIATION	0.718	0.567	0.360	0.722	1.044	0.384	0.654	0.535	0.529	0.548

LIGHT DUTY RATING WORKSHOP (2011 APR 26-28)

Rater= Fujita, Hirokazu

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCTOT	THTOT	ATTOT	G4TOT	L4TOT
A1-SEQUENCE III	0.36	-0.63	-1.54	0.80	-1.14	1.47	0.57	-0.17		
A2-SEQUENCE III	-0.60	0.32	-0.35	-0.96	-1.60	1.26	0.95	-0.48		
A3-SEQUENCE III	-0.18	0.68	-1.18	-0.46	-0.28	0.81	0.18	-0.38		
A4-SEQUENCE III	-0.88	0.22	-2.11	-1.12	-1.19	1.79	0.56	0.64		
A5-SQUARE CUT	-0.62	-0.28	-1.18	0.15	0.42				-1.07	-0.86
A6-SEQUENCE III	-0.94	-0.51	-2.18	-0.41	-1.07	0.11	0.16	-0.13		
A7-SQUARE CUT	-0.82	-1.46	-0.11	-0.27	-0.72				-0.73	0.15
B1-SEQUENCE III										
B2-SEQUENCE III										
B3-SEQUENCE III										
B4-SEQUENCE III										
B5-SQUARE CUT										
B6-SEQUENCE III										
B7-SQUARE CUT										
C1-SEQUENCE III										
C2-SEQUENCE III										
C3-SEQUENCE III										
C4-SEQUENCE III										
C5-SQUARE CUT										
C6-SEQUENCE III										
C7-SQUARE CUT										
CAL1A-CALIBRATION PISTON										
CAL1B-CALIBRATION PISTON										
CAL1C-CALIBRATION PISTON	-1.28	-0.20	-0.71	-0.44	-0.61	2.35	1.66	0.92		
CAL1D-CALIBRATION PISTON	-2.29	-0.03	-0.19	-1.05	-0.60	0.34	1.10	1.05		
MAXIMUM	-2.29	-1.46	-2.18	-1.12	-1.60	2.35	1.66	1.05	-1.07	-0.86
MINIMUM	-0.18	-0.03	-0.11	0.15	-0.28	0.11	0.16	-0.13	-0.73	0.15
RANGE(MAX-MIN)	-2.110	-1.430	-2.070	-1.270	-1.320	2.240	1.500	1.180	-0.340	-1.010
MEAN	-0.806	-0.210	-1.061	-0.418	-0.754	1.161	0.740	0.207	-0.900	-0.355
STANDARD DEVIATION	0.731	0.625	0.783	0.614	0.592	0.798	0.537	0.643	0.240	0.714

LIGHT DUTY RATING WORKSHOP (2011 APR 26-28)

Rater= Greenland, Paul

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCTOT	THTOT	ATTOT	G4TOT	L4TOT
A1-SEQUENCE III	1.29	0.61	-0.42	-0.12	-0.82	-0.46	-0.92	-1.17		
A2-SEQUENCE III	0.89	0.21	0.87	-0.35	-0.33	-1.64	0.12	-1.41		
A3-SEQUENCE III	0.53	1.71	0.37	2.24	0.74	-1.95	-2.26	-1.32		
A4-SEQUENCE III	1.68	0.22	0.27	0.72	0.92	0.20	-0.98	-0.81		
A5-SQUARE CUT	0.66	1.14	0.54	0.99	-0.38				0.27	0.12
A6-SEQUENCE III	0.74	1.03	-0.37	-0.37	-1.73	-1.79	-0.48	-0.92		
A7-SQUARE CUT	0.21	-1.06	-1.11	-0.63	-2.22				-0.73	-1.18
B1-SEQUENCE III										
B2-SEQUENCE III										
B3-SEQUENCE III										
B4-SEQUENCE III										
B5-SQUARE CUT										
B6-SEQUENCE III										
B7-SQUARE CUT										
C1-SEQUENCE III										
C2-SEQUENCE III										
C3-SEQUENCE III										
C4-SEQUENCE III										
C5-SQUARE CUT										
C6-SEQUENCE III										
C7-SQUARE CUT										
CAL1A-CALIBRATION PISTON	-0.40	-0.25	0.79	-0.42	1.11	-1.96	0.03	-0.55		
CAL1B-CALIBRATION PISTON										
CAL1C-CALIBRATION PISTON										
CAL1D-CALIBRATION PISTON	0.60	0.31	0.22	1.65	0.28	-0.10	-0.67	0.24		
MAXIMUM	1.68	1.71	-1.11	2.24	-2.22	-1.96	-2.26	-1.41	-0.73	-1.18
MINIMUM	0.21	0.21	0.22	-0.12	0.28	-0.10	0.03	0.24	0.27	0.12
RANGE(MAX-MIN)	1.470	1.500	-1.330	2.360	-2.500	-1.860	-2.290	-1.650	-1.000	-1.300
MEAN	0.689	0.436	0.129	0.412	-0.270	-1.100	-0.737	-0.849	-0.230	-0.530
STANDARD DEVIATION	0.595	0.816	0.645	1.034	1.167	0.942	0.796	0.566	0.707	0.919

LIGHT DUTY RATING WORKSHOP (2011 APR 26-28)

Rater= Hurst, Kevin R.

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCTOT	THTOT	ATTOT	G4TOT	L4TOT
A1-SEQUENCE III	-0.53	-0.45	-0.18	0.11	1.08	-2.11	0.57	-0.17		
A2-SEQUENCE III	0.31	0.21	-0.09	-0.01	-0.33	0.36	0.95	-0.48		
A3-SEQUENCE III	-0.32	-0.54	-0.36	0.55	0.27	-0.14	0.18	-0.38		
A4-SEQUENCE III	0.45	0.22	-0.37	0.61	0.08	0.29	0.56	0.64		
A5-SQUARE CUT	1.55	0.78	-1.18	0.14	-1.18				-1.07	-0.86
A6-SEQUENCE III	-0.23	0.55	0.21	2.26	0.34	0.70	0.16	-0.13		
A7-SQUARE CUT	-0.35	-0.25	-0.11	0.54	-0.72				-0.73	0.30
B1-SEQUENCE III										
B2-SEQUENCE III										
B3-SEQUENCE III										
B4-SEQUENCE III										
B5-SQUARE CUT										
B6-SEQUENCE III										
B7-SQUARE CUT										
C1-SEQUENCE III	0.56	-0.24	0.30	1.44	0.00	-0.69	1.63	0.26		
C2-SEQUENCE III	-0.49	-0.03	-0.14	2.06	1.07	-0.83	1.56	0.27		
C3-SEQUENCE III	-0.65	-0.03	-0.87	-0.09	-0.76	-0.31	1.09	0.29		
C4-SEQUENCE III	0.20	-0.65	0.30	1.02	-0.34	-1.65	1.05	0.10		
C5-SQUARE CUT	0.49	0.53	0.26	0.63	0.25				-0.40	0.37
C6-SEQUENCE III	-0.27	0.78	-0.94	0.78	0.02	-0.91	1.65	0.54		
C7-SQUARE CUT	0.27	0.49	-0.96	0.24	-1.15				-0.96	-1.43
CAL1A-CALIBRATION PISTON	-0.08	-0.27	-0.92	1.79	-0.33	1.20	0.65	-0.55		
CAL1B-CALIBRATION PISTON	-0.07	-0.14	-1.26	-0.33	-0.36	-0.40	1.43	-2.52		
CAL1C-CALIBRATION PISTON										
CAL1D-CALIBRATION PISTON	0.85	0.16	0.63	-0.09	-0.67	-0.73	0.68	0.39		
MAXIMUM	1.55	0.78	-1.26	2.26	-1.18	-2.11	1.65	-2.52	-1.07	-1.43
MINIMUM	-0.07	-0.03	-0.09	-0.01	0.00	-0.14	0.16	0.10	-0.40	0.30
RANGE(MAX-MIN)	1.620	0.810	-1.170	2.270	-1.180	-1.970	1.490	-2.620	-0.670	-1.730
MEAN	0.099	0.066	-0.334	0.685	-0.161	-0.402	0.935	-0.134	-0.790	-0.405
STANDARD DEVIATION	0.572	0.448	0.587	0.785	0.654	0.914	0.521	0.813	0.296	0.886

LIGHT DUTY RATING WORKSHOP (2011 APR 26-28)

Rater= Kobrinetz, Joaquin J.

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCTOT	THTOT	ATTOT	G4TOT	L4TOT	
A1-SEQUENCE III	-0.36	-0.33	1.11	-0.16	0.74	0.21	0.25	0.22			
A2-SEQUENCE III											
A3-SEQUENCE III											
A4-SEQUENCE III											
A5-SQUARE CUT											
A6-SEQUENCE III											
A7-SQUARE CUT											
B1-SEQUENCE III	-0.11	-0.30	1.07	-0.29	0.99	0.45	-0.40	0.82			
B2-SEQUENCE III											
B3-SEQUENCE III											
B4-SEQUENCE III											
B5-SQUARE CUT											
B6-SEQUENCE III											
B7-SQUARE CUT											
C1-SEQUENCE III	0.17	-0.24	1.41	-0.04	-0.99	-0.94	0.94	0.57			
C2-SEQUENCE III	-0.30	-0.03	0.76	-0.73	-0.35	-0.57	0.95	0.35			
C3-SEQUENCE III	-0.41	0.27	0.10	-0.39	-0.19	-0.33	0.75	0.95			
C4-SEQUENCE III	-0.36	0.11	0.95	-0.59	-1.30	-0.55	0.62	0.54			
C5-SQUARE CUT	0.11	-0.46	0.37	1.19	-0.05				0.23	0.56	
C6-SEQUENCE III	-0.40	-0.44	1.11	-0.90	0.30	-0.24	1.29	1.30			
C7-SQUARE CUT	0.22	-0.23	-0.96	0.49	0.38				-0.96	0.02	
CAL1A-CALIBRATION PISTON	-0.23	-0.30	0.49	-0.33	-1.19	0.92	1.26	1.28			
CAL1B-CALIBRATION PISTON	-0.11	-0.10	1.01	-0.19	-0.30	-0.86	-0.08	-0.08			
CAL1C-CALIBRATION PISTON	0.43	-0.21	1.11	-0.60	-0.11	-0.22	0.54	0.69			
CAL1D-CALIBRATION PISTON	-0.21	0.53	0.51	1.05	1.03	-0.57	0.52	0.76			
MAXIMUM	0.43	0.53	1.41	1.19	-1.30	-0.94	1.29	1.30	-0.96	0.56	
MINIMUM	-0.11	-0.03	0.10	-0.04	-0.05	0.21	-0.08	-0.08	0.23	0.02	
RANGE(MAX-MIN)	0.540	0.560	1.310	1.230	-1.250	-1.150	1.370	1.380	-1.190	0.540	
MEAN	-0.120	-0.133	0.695	-0.115	-0.080	-0.245	0.604	0.673	-0.365	0.290	
STANDARD DEVIATION	0.272	0.288	0.620	0.649	0.769	0.568	0.526	0.421	0.841	0.382	

LIGHT DUTY RATING WORKSHOP (2011 APR 26-28)

Rater= Lonsway, Chris

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCTOT	THTOT	ATTOT	G4TOT	L4TOT
A1-SEQUENCE III										
A2-SEQUENCE III										
A3-SEQUENCE III										
A4-SEQUENCE III										
A5-SQUARE CUT										
A6-SEQUENCE III										
A7-SQUARE CUT										
B1-SEQUENCE III	-0.68	-0.87	0.18	-1.43	-0.12	-1.04	0.35	-1.61		
B2-SEQUENCE III	-0.89	-1.09	-1.32	-0.87	-0.46	0.35	0.21	-0.59		
B3-SEQUENCE III	1.14	-0.24	0.38	-0.09	-0.01	-1.05	-0.22	-0.11		
B4-SEQUENCE III	-0.82	0.11	-0.07	0.60	-0.29	-0.93	-0.69	-1.00		
B5-SQUARE CUT	0.86	-1.29	-0.45	0.49	-1.27				-0.17	-1.20
B6-SEQUENCE III	2.27	-1.46	-0.24	0.29	-1.27	-0.12	-1.71	-0.96		
B7-SQUARE CUT										
C1-SEQUENCE III										
C2-SEQUENCE III										
C3-SEQUENCE III										
C4-SEQUENCE III										
C5-SQUARE CUT										
C6-SEQUENCE III										
C7-SQUARE CUT										
CAL1A-CALIBRATION PISTON	-0.13	-0.22	0.68	-0.18	-0.53	-0.28	-1.49	-1.58		
CAL1B-CALIBRATION PISTON										
CAL1C-CALIBRATION PISTON	0.40	-0.21	0.60	-0.68	-0.06	0.07	-1.14	-1.02		
CAL1D-CALIBRATION PISTON										
MAXIMUM	2.27	-1.46	-1.32	-1.43	-1.27	-1.05	-1.71	-1.61	-0.17	-1.20
MINIMUM	-0.13	0.11	-0.07	-0.09	-0.01	0.07	0.21	-0.11	-0.17	-1.20
RANGE(MAX-MIN)	2.400	-1.570	-1.250	-1.340	-1.260	-1.120	-1.920	-1.500	0.000	0.000
MEAN	0.269	-0.659	-0.030	-0.234	-0.501	-0.429	-0.670	-0.981	-0.170	-1.200
STANDARD DEVIATION	1.116	0.589	0.655	0.712	0.509	0.575	0.816	0.527	0.000	0.000

LIGHT DUTY RATING WORKSHOP (2011 APR 26-28)

Rater= Lopez, Frank

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCTOT	THTOT	ATTOT	G4TOT	L4TOT	
A1-SEQUENCE III											
A2-SEQUENCE III											
A3-SEQUENCE III											
A4-SEQUENCE III											
A5-SQUARE CUT											
A6-SEQUENCE III											
A7-SQUARE CUT											
B1-SEQUENCE III											
B2-SEQUENCE III											
B3-SEQUENCE III											
B4-SEQUENCE III											
B5-SQUARE CUT											
B6-SEQUENCE III											
B7-SQUARE CUT											
C1-SEQUENCE III	-0.50	-0.65	0.85	1.06	-1.49	-0.90	0.01	0.26			
C2-SEQUENCE III	-0.30	-0.03	1.48	0.87	1.32	-0.67	-0.33	0.35			
C3-SEQUENCE III	0.14	-0.03	0.61	2.38	-1.24	-0.65	0.25	0.40			
C4-SEQUENCE III	-0.98	-1.03	0.82	-0.47	-0.18	-0.81	-0.72	0.10			
C5-SQUARE CUT	0.36	0.38	0.37	0.19	0.04				0.55	0.56	
C6-SEQUENCE III	-0.37	1.04	1.43	0.34	1.06	-0.94	-0.26	0.24			
C7-SQUARE CUT	-2.64	0.53	0.52	-0.53	1.41				0.62	1.47	
CAL1A-CALIBRATION PISTON											
CAL1B-CALIBRATION PISTON	0.41	-0.14	1.42	0.01	-1.07	-0.71	-0.92	0.74			
CAL1C-CALIBRATION PISTON	0.09	-0.21	0.68	-0.51	0.62	-0.02	0.03	-0.09			
CAL1D-CALIBRATION PISTON											
MAXIMUM	-2.64	1.04	1.48	2.38	-1.49	-0.94	-0.92	0.74	0.62	1.47	
MINIMUM	0.09	-0.03	0.37	0.01	0.04	-0.02	0.01	-0.09	0.55	0.56	
RANGE(MAX-MIN)	-2.730	1.070	1.110	2.370	-1.530	-0.920	-0.930	0.830	0.070	0.910	
MEAN	-0.421	-0.016	0.909	0.371	0.052	-0.671	-0.277	0.286	0.585	1.015	
STANDARD DEVIATION	0.944	0.618	0.426	0.950	1.126	0.308	0.422	0.259	0.049	0.643	

LIGHT DUTY RATING WORKSHOP (2011 APR 26-28)

Rater= Lowsky, John

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCTOT	THTOT	ATTOT	G4TOT	L4TOT
A1-SEQUENCE III	2.46	0.62	1.45	1.94	2.10	0.35	1.42	1.42		
A2-SEQUENCE III	0.74	0.21	0.84	-0.22	0.78	1.60	-0.57	1.00		
A3-SEQUENCE III	0.95	2.22	0.13	0.44	1.36	1.96	1.04	1.50		
A4-SEQUENCE III	-0.29	0.22	0.84	1.25	0.50	1.63	0.67	0.06		
A5-SQUARE CUT	1.55	1.11	0.14	0.96	0.42				0.27	-0.86
A6-SEQUENCE III	0.76	1.19	0.65	1.08	1.38	1.88	1.18	1.44		
A7-SQUARE CUT	0.58	0.97	1.39	1.56	0.79				1.27	1.11
B1-SEQUENCE III	2.12	1.91	0.97	0.88	0.91	1.86	0.61	0.17		
B2-SEQUENCE III	1.74	1.99	1.33	1.38	1.24	1.67	-1.84	-0.59		
B3-SEQUENCE III	2.60	1.60	0.38	-1.00	1.56	2.25	-1.35	-1.46		
B4-SEQUENCE III	2.02	1.16	1.28	0.79	2.14	1.62	-0.25	0.83		
B5-SQUARE CUT	1.40	1.14	0.04	0.63	0.77				-0.17	0.99
B6-SEQUENCE III										
B7-SQUARE CUT										
C1-SEQUENCE III	2.32	0.56	0.99	1.70	1.69	1.76	-0.75	-1.77		
C2-SEQUENCE III	-0.30	-0.03	0.93	-0.56	-0.22	2.48	-1.24	-0.74		
C3-SEQUENCE III	0.14	0.42	1.68	0.89	0.83	2.03	0.31	-2.69		
C4-SEQUENCE III	0.48	2.08	0.95	-0.84	0.71	1.29	-0.08	-2.22		
C5-SQUARE CUT	1.09	1.35	-0.26	0.81	-0.05				-0.40	-0.27
C6-SEQUENCE III	1.55	0.15	0.69	0.41	2.34	2.02	-1.15	-2.01		
C7-SQUARE CUT	1.93	0.49	-1.55	1.47	-1.15				-1.59	-1.57
CAL1A-CALIBRATION PISTON	-0.13	-0.22	0.87	-0.13	1.80	1.33	-0.70	0.36		
CAL1B-CALIBRATION PISTON	0.89	-0.14	-1.67	-0.21	1.36	0.21	-1.13	0.41		
CAL1C-CALIBRATION PISTON	1.62	-0.21	0.89	0.86	0.37	0.45	-0.39	-0.25		
CAL1D-CALIBRATION PISTON										
MAXIMUM	2.60	2.22	1.68	1.94	2.34	2.48	-1.84	-2.69	-1.59	-1.57
MINIMUM	-0.13	-0.03	0.04	-0.13	-0.05	0.21	-0.08	0.06	-0.17	-0.27
RANGE(MAX-MIN)	2.730	2.250	1.640	2.070	2.390	2.270	-1.760	-2.750	-1.420	-1.300
MEAN	1.192	0.854	0.589	0.640	0.983	1.552	-0.248	-0.267	-0.124	-0.120
STANDARD DEVIATION	0.885	0.780	0.862	0.824	0.835	0.653	0.978	1.360	1.040	1.164

LIGHT DUTY RATING WORKSHOP (2011 APR 26-28)

Rater= May, Marianne

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCTOT	THTOT	ATTOT	G4TOT	L4TOT
A1-SEQUENCE III	-0.90	-0.46	1.11	-0.66	0.10	0.47	-1.45	-0.97		
A2-SEQUENCE III	-1.77	0.21	1.26	-0.22	-0.33	-0.06	-1.33	-0.67		
A3-SEQUENCE III	-1.16	-0.68	0.62	1.45	0.42	0.52	-0.43	0.00		
A4-SEQUENCE III	-0.77	0.22	-0.11	-0.47	-0.56	0.48	-1.42	-0.52		
A5-SQUARE CUT	-1.16	0.38	-0.12	-1.40	0.10				0.00	1.11
A6-SEQUENCE III	-2.40	-0.46	0.14	0.58	1.29	0.59	-1.63	-0.76		
A7-SQUARE CUT	0.30	-0.38	1.19	0.68	-0.11				1.52	0.74
B1-SEQUENCE III	-0.71	-0.29	-0.11	1.38	0.10	1.31	-1.62	-0.15		
B2-SEQUENCE III	-0.64	0.15	-0.36	2.10	0.77	1.04	0.58	-1.47		
B3-SEQUENCE III	-0.64	0.06	0.38	-0.54	0.46	1.20	-0.73	0.45		
B4-SEQUENCE III	-1.03	0.17	0.53	-0.08	0.82	0.53	-0.17	0.17		
B5-SQUARE CUT	-0.14	0.20	0.39	0.79	1.14				0.31	0.96
B6-SEQUENCE III	-0.10	0.66	0.43	0.49	1.47	1.42	-0.33	-0.51		
B7-SQUARE CUT	-1.16	0.12	0.58	-1.16	0.34				-0.42	0.61
C1-SEQUENCE III										
C2-SEQUENCE III										
C3-SEQUENCE III										
C4-SEQUENCE III										
C5-SQUARE CUT										
C6-SEQUENCE III										
C7-SQUARE CUT										
CAL1A-CALIBRATION PISTON	-0.23	-0.20	0.27	-0.35	-0.30	0.19	0.53	0.59		
CAL1B-CALIBRATION PISTON										
CAL1C-CALIBRATION PISTON	-0.50	-0.21	0.81	0.01	1.26	0.95	0.03	0.14		
CAL1D-CALIBRATION PISTON										
MAXIMUM	-2.40	-0.68	1.26	2.10	1.47	1.42	-1.63	-1.47	1.52	1.11
MINIMUM	-0.10	0.06	-0.11	0.01	0.10	-0.06	0.03	0.00	0.00	0.61
RANGE(MAX-MIN)	-2.300	-0.740	1.370	2.090	1.370	1.480	-1.660	-1.470	1.520	0.500
MEAN	-0.813	-0.032	0.438	0.163	0.436	0.720	-0.664	-0.308	0.353	0.855
STANDARD DEVIATION	0.661	0.362	0.487	0.969	0.632	0.460	0.817	0.613	0.834	0.223

LIGHT DUTY RATING WORKSHOP (2011 APR 26-28)

Rater= Pitta, Jimmy

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCTOT	THTOT	ATTOT	G4TOT	L4TOT	
A1-SEQUENCE III	0.68	-0.56	-0.76	0.25	-1.97	-1.52	-0.49	1.82			
A2-SEQUENCE III	0.26	0.21	-1.16	-0.22	0.31	0.28	-1.19	1.19			
A3-SEQUENCE III	1.68	-0.07	-0.69	-0.79	-0.03	-0.05	-1.04	-0.38			
A4-SEQUENCE III	0.77	0.13	-1.05	0.07	0.08	-0.35	-0.54	-0.81			
A5-SQUARE CUT	0.22	0.48	1.73	2.14	0.42				1.60	1.60	
A6-SEQUENCE III	1.23	-0.45	1.30	0.01	-0.23	-0.21	-1.12	1.44			
A7-SQUARE CUT	-0.07	0.16	-0.21	1.38	0.79				-0.73	-0.81	
B1-SEQUENCE III											
B2-SEQUENCE III											
B3-SEQUENCE III											
B4-SEQUENCE III											
B5-SQUARE CUT											
B6-SEQUENCE III											
B7-SQUARE CUT											
C1-SEQUENCE III											
C2-SEQUENCE III											
C3-SEQUENCE III											
C4-SEQUENCE III											
C5-SQUARE CUT											
C6-SEQUENCE III											
C7-SQUARE CUT											
CAL1A-CALIBRATION PISTON	-0.44	-0.35	-0.81	-0.40	-0.53	-0.57	1.21	1.17			
CAL1B-CALIBRATION PISTON											
CAL1C-CALIBRATION PISTON											
CAL1D-CALIBRATION PISTON	0.58	-0.59	0.14	-1.16	-0.38	-1.40	-0.36	0.68			
MAXIMUM	1.68	-0.59	1.73	2.14	-1.97	-1.52	1.21	1.82	1.60	1.60	
MINIMUM	-0.07	-0.07	0.14	0.01	-0.03	-0.05	-0.36	-0.38	-0.73	-0.81	
RANGE(MAX-MIN)	1.750	-0.520	1.590	2.130	-1.940	-1.470	1.570	2.200	2.330	2.410	
MEAN	0.546	-0.116	-0.168	0.142	-0.171	-0.546	-0.504	0.730	0.435	0.395	
STANDARD DEVIATION	0.648	0.385	1.040	1.034	0.791	0.678	0.826	0.975	1.648	1.704	

LIGHT DUTY RATING WORKSHOP (2011 APR 26-28)

Rater= Radonich, Pete

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCTOT	THTOT	ATTOT	G4TOT	L4TOT
A1-SEQUENCE III	-0.73	-0.51	0.56	-1.30	-0.06	-0.14	-0.49	-0.17		
A2-SEQUENCE III	-0.22	0.21	0.62	-0.28	-1.28	-0.47	-0.02	0.45		
A3-SEQUENCE III	-0.67	-0.78	0.37	-0.79	-1.37	-0.29	0.18	0.56		
A4-SEQUENCE III	-0.24	0.22	0.76	-1.12	-0.98	-0.55	0.56	0.64		
A5-SQUARE CUT										
A6-SEQUENCE III	-0.51	-0.08	0.72	-0.71	0.25	-0.27	0.16	0.66		
A7-SQUARE CUT										
B1-SEQUENCE III										
B2-SEQUENCE III										
B3-SEQUENCE III										
B4-SEQUENCE III										
B5-SQUARE CUT										
B6-SEQUENCE III										
B7-SQUARE CUT										
C1-SEQUENCE III	-0.90	-0.24	0.92	-1.01	0.79	-0.42	-0.37	0.26		
C2-SEQUENCE III	-0.33	-0.03	0.46	-1.33	-0.99	-0.12	0.46	0.77		
C3-SEQUENCE III	-0.49	0.42	-0.38	-1.28	-1.09	-0.52	0.62	0.40		
C4-SEQUENCE III	-0.42	-1.03	0.71	-1.58	-2.06	-1.23	-0.22	0.83		
C5-SQUARE CUT	-0.43	0.01	0.63	-0.46	1.00				0.55	0.93
C6-SEQUENCE III	-0.95	0.30	0.69	-1.15	0.27	-1.08	-1.20	-0.36		
C7-SQUARE CUT	0.05	0.45	0.81	-0.20	0.13				-0.17	-1.43
CAL1A-CALIBRATION PISTON										
CAL1B-CALIBRATION PISTON	-0.27	-0.14	-0.12	-0.33	-1.41	-0.40	-1.13	-0.08		
CAL1C-CALIBRATION PISTON	-0.49	-0.21	0.56	-0.88	0.32	-0.44	-0.30	0.14		
CAL1D-CALIBRATION PISTON										
MAXIMUM	-0.95	-1.03	0.92	-1.58	-2.06	-1.23	-1.20	0.83	0.55	-1.43
MINIMUM	0.05	0.01	-0.12	-0.20	-0.06	-0.12	-0.02	-0.08	-0.17	0.93
RANGE(MAX-MIN)	-1.000	-1.040	1.040	-1.380	-2.000	-1.110	-1.180	0.910	0.720	-2.360
MEAN	-0.471	-0.101	0.522	-0.887	-0.463	-0.494	-0.146	0.342	0.190	-0.250
STANDARD DEVIATION	0.274	0.437	0.359	0.440	0.951	0.339	0.599	0.388	0.509	1.669

LIGHT DUTY RATING WORKSHOP (2011 APR 26-28)

Rater= Rodriguez, Jesus (Jesse)

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCTOT	THTOT	ATTOT	G4TOT	L4TOT
A1-SEQUENCE III	-1.04	-0.25	0.63	-0.66	0.89	-0.40	-0.49	-0.17		
A2-SEQUENCE III	-1.79	0.21	1.04	-0.28	-0.01	-0.26	0.60	-0.48		
A3-SEQUENCE III	-1.80	-0.26	0.37	-0.57	-0.76	-0.02	0.18	-0.38		
A4-SEQUENCE III	-2.54	0.22	-0.67	1.47	0.50	-0.13	-0.54	-2.27		
A5-SQUARE CUT										
A6-SEQUENCE III										
A7-SQUARE CUT										
B1-SEQUENCE III	-0.43	-0.89	-0.70	-0.67	-1.26	0.18	0.05	-1.77		
B2-SEQUENCE III	-0.89	-0.82	0.28	-0.80	1.19	-0.11	0.49	-0.59		
B3-SEQUENCE III	-0.28	-0.48	0.10	-0.34	0.27	-0.86	-0.92	-0.42		
B4-SEQUENCE III	-0.84	-0.22	-0.44	0.44	-0.81	0.06	-0.99	-2.05		
B5-SQUARE CUT	-0.45	-0.40	0.54	0.46	0.66				-0.17	-0.36
B6-SEQUENCE III	-0.64	-0.26	1.18	-0.91	1.70	0.55	-0.51	-0.96		
B7-SQUARE CUT	-1.86	0.36	1.00	-0.81	-0.18				0.49	0.17
C1-SEQUENCE III										
C2-SEQUENCE III										
C3-SEQUENCE III										
C4-SEQUENCE III										
C5-SQUARE CUT										
C6-SEQUENCE III										
C7-SQUARE CUT										
CAL1A-CALIBRATION PISTON	-0.25	-0.25	-0.34	-0.39	-0.25	0.41	-0.14	-0.21		
CAL1B-CALIBRATION PISTON										
CAL1C-CALIBRATION PISTON	-0.50	-0.21	-0.96	-0.84	-0.51	-0.73	-0.25	-0.71		
CAL1D-CALIBRATION PISTON										
MAXIMUM	-2.54	-0.89	1.18	1.47	1.70	-0.86	-0.99	-2.27	0.49	-0.36
MINIMUM	-0.25	0.21	0.10	-0.28	-0.01	-0.02	0.05	-0.17	-0.17	0.17
RANGE(MAX-MIN)	-2.290	-1.100	1.080	1.750	1.710	-0.840	-1.040	-2.100	0.660	-0.530
MEAN	-1.024	-0.250	0.156	-0.300	0.110	-0.119	-0.229	-0.910	0.160	-0.095
STANDARD DEVIATION	0.736	0.367	0.721	0.694	0.860	0.434	0.525	0.760	0.467	0.375

LIGHT DUTY RATING WORKSHOP (2011 APR 26-28)

Rater= Sanchez, Arthur

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCTOT	THTOT	ATTOT	G4TOT	L4TOT	
A1-SEQUENCE III											
A2-SEQUENCE III											
A3-SEQUENCE III											
A4-SEQUENCE III											
A5-SQUARE CUT											
A6-SEQUENCE III											
A7-SQUARE CUT											
B1-SEQUENCE III	0.56	-0.09	0.57	1.50	1.17	0.35	1.51	-0.47			
B2-SEQUENCE III	0.88	0.34	1.65	-0.72	0.40	0.88	1.19	-0.59			
B3-SEQUENCE III	-0.78	1.03	0.67	0.67	1.56	-0.11	0.84	0.37			
B4-SEQUENCE III	1.35	-0.97	1.06	0.82	1.15	0.68	1.17	-0.48			
B5-SQUARE CUT	-0.68	0.45	0.49	-0.26	1.51				-0.64	1.80	
B6-SEQUENCE III	-0.64	1.74	-1.09	-0.74	0.89	1.46	0.76	-0.96			
B7-SQUARE CUT	-0.36	1.65	1.27	1.83	1.16				0.49	1.70	
C1-SEQUENCE III											
C2-SEQUENCE III											
C3-SEQUENCE III											
C4-SEQUENCE III											
C5-SQUARE CUT											
C6-SEQUENCE III											
C7-SQUARE CUT											
CAL1A-CALIBRATION PISTON	0.11	-0.18	1.89	-0.48	0.71	-0.32	0.31	0.13			
CAL1B-CALIBRATION PISTON											
CAL1C-CALIBRATION PISTON	0.60	-0.28	1.49	-0.25	1.48	-1.22	-0.11	-0.56			
CAL1D-CALIBRATION PISTON											
MAXIMUM	1.35	1.74	1.89	1.83	1.56	1.46	1.51	-0.96	-0.64	1.80	
MINIMUM	0.11	-0.09	0.49	-0.25	0.40	-0.11	-0.11	0.13	0.49	1.70	
RANGE(MAX-MIN)	1.240	1.830	1.400	2.080	1.160	1.570	1.620	-1.090	-1.130	0.100	
MEAN	0.116	0.410	0.889	0.263	1.114	0.246	0.810	-0.366	-0.075	1.750	
STANDARD DEVIATION	0.772	0.914	0.890	0.970	0.390	0.882	0.557	0.457	0.799	0.071	

LIGHT DUTY RATING WORKSHOP (2011 APR 26-28)

Rater= Seiz, Ray

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	-1.13	1.82	0.43	-0.16	1.05	1.84	-0.49	-1.17			
A2-SEQUENCE III											
A3-SEQUENCE III											
A4-SEQUENCE III											
A5-SQUARE CUT											
A6-SEQUENCE III											
A7-SQUARE CUT											
B1-SEQUENCE III											
B2-SEQUENCE III											
B3-SEQUENCE III											
B4-SEQUENCE III											
B5-SQUARE CUT											
B6-SEQUENCE III											
B7-SQUARE CUT											
C1-SEQUENCE III	0.63	-0.85	1.13	0.73	0.59	-1.05	0.59	-0.68			
C2-SEQUENCE III	3.16	-2.34	0.90	1.94	-0.61	-0.38	-0.45	-3.00			
C3-SEQUENCE III	-1.84	-2.56	1.85	-0.88	2.03	-0.63	1.03	-1.15			
C4-SEQUENCE III	-0.70	-0.08	0.50	-0.22	0.71	1.50	0.34	-1.35			
C5-SQUARE CUT	0.27	-0.48	0.05	1.07	0.07				0.23	0.18	
C6-SEQUENCE III	-0.16	1.71	0.26	2.08	0.75	1.60	1.11	-0.06			
C7-SQUARE CUT	0.61	0.20	-0.22	-1.26	0.13				-0.49	0.02	
CAL1A-CALIBRATION PISTON	-0.66	-0.33	0.10	-0.18	0.76	-0.51	1.15	-1.81			
CAL1B-CALIBRATION PISTON	-1.46	-0.48	-0.53	-0.43	0.44	-0.01	0.55	-1.71			
CAL1C-CALIBRATION PISTON											
CAL1D-CALIBRATION PISTON											
MAXIMUM	3.16	-2.56	1.85	2.08	2.03	1.84	1.15	-3.00	-0.49	0.18	
MINIMUM	-0.16	-0.08	0.05	-0.16	0.07	-0.01	0.34	-0.06	0.23	0.02	
RANGE(MAX-MIN)	3.320	-2.480	1.800	2.240	1.960	1.850	0.810	-2.940	-0.720	0.160	
MEAN	-0.128	-0.339	0.447	0.269	0.592	0.295	0.479	-1.366	-0.130	0.100	
STANDARD DEVIATION	1.430	1.432	0.696	1.140	0.691	1.159	0.654	0.866	0.509	0.113	

LIGHT DUTY RATING WORKSHOP (2011 APR 26-28)

Rater= Seiz, Ray

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	-1.13	1.82	0.43	-0.16	1.05	1.84	-0.49	-1.17			
A2-SEQUENCE III											
A3-SEQUENCE III											
A4-SEQUENCE III											
A5-SQUARE CUT											
A6-SEQUENCE III											
A7-SQUARE CUT											
B1-SEQUENCE III											
B2-SEQUENCE III											
B3-SEQUENCE III											
B4-SEQUENCE III											
B5-SQUARE CUT											
B6-SEQUENCE III											
B7-SQUARE CUT											
C1-SEQUENCE III	0.63	-0.85	1.13	0.73	0.59	-1.05	0.59	-0.68			
C2-SEQUENCE III	3.16	-2.34	0.90	1.94	-0.61	-0.38	-0.45	-3.00			
C3-SEQUENCE III	-1.84	-2.56	1.85	-0.88	2.03	-0.63	1.03	-1.15			
C4-SEQUENCE III	-0.70	-0.08	0.50	-0.22	0.71	1.50	0.34	-1.35			
C5-SQUARE CUT	0.27	-0.48	0.05	1.07	0.07				0.23	0.18	
C6-SEQUENCE III	-0.16	1.71	0.26	2.08	0.75	1.60	1.11	-0.06			
C7-SQUARE CUT	0.61	0.20	-0.22	-1.26	0.13				-0.49	0.02	
CAL1A-CALIBRATION PISTON	-0.66	-0.33	0.10	-0.18	0.76	-0.51	1.15	-1.81			
CAL1B-CALIBRATION PISTON	-1.46	-0.48	-0.53	-0.43	0.44	-0.01	0.55	-1.71			
CAL1C-CALIBRATION PISTON											
CAL1D-CALIBRATION PISTON											
MAXIMUM	3.16	-2.56	1.85	2.08	2.03	1.84	1.15	-3.00	-0.49	0.18	
MINIMUM	-0.16	-0.08	0.05	-0.16	0.07	-0.01	0.34	-0.06	0.23	0.02	
RANGE(MAX-MIN)	3.320	-2.480	1.800	2.240	1.960	1.850	0.810	-2.940	-0.720	0.160	
MEAN	-0.128	-0.339	0.447	0.269	0.592	0.295	0.479	-1.366	-0.130	0.100	
STANDARD DEVIATION	1.430	1.432	0.696	1.140	0.691	1.159	0.654	0.866	0.509	0.113	

LIGHT DUTY RATING WORKSHOP (2011 APR 26-28)

Rater= Skuzinski, John

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCTOT	THTOT	ATTOT	G4TOT	L4TOT
A1-SEQUENCE III	-0.51	2.81	-2.29	-1.53	-0.25	-0.83	-0.49	0.82		
A2-SEQUENCE III	0.98	-0.17	-0.09	-0.69	1.26	-2.05	-0.30	1.19		
A3-SEQUENCE III	0.88	0.44	0.94	-0.35	2.21	1.28	1.29	1.32		
A4-SEQUENCE III	0.94	0.04	1.86	-0.25	0.50	-0.91	1.43	1.37		
A5-SQUARE CUT										
A6-SEQUENCE III	1.02	2.14	-1.67	0.05	0.72	0.54	1.44	1.44		
A7-SQUARE CUT										
B1-SEQUENCE III	0.92	1.19	-2.37	0.68	-2.06	-0.49	0.86	-0.80		
B2-SEQUENCE III	1.01	1.05	-0.84	0.02	-2.10	-1.09	-1.89	1.19		
B3-SEQUENCE III	0.00	0.54	-1.64	0.11	-1.58	0.04	1.39	0.93		
B4-SEQUENCE III	0.27	2.36	-2.02	1.25	0.53	-0.24	0.27	0.70		
B5-SQUARE CUT	-0.76	1.99	0.04	-2.01	-0.05				-0.17	0.22
B6-SEQUENCE III	-0.64	0.54	-1.18	-0.70	-0.36	0.51	0.76	-0.96		
B7-SQUARE CUT	0.96	-1.35	-1.55	0.60	1.70				-2.25	1.04
C1-SEQUENCE III	-0.04	-0.45	-1.68	-2.11	0.35	0.16	0.44	-0.06		
C2-SEQUENCE III	-0.30	-0.03	-0.48	-0.38	-0.74	0.04	0.89	1.11		
C3-SEQUENCE III	0.38	0.42	-0.76	-0.29	0.20	-0.42	-0.99	1.28		
C4-SEQUENCE III	-0.03	0.11	-3.02	0.64	0.96	0.02	1.54	1.27		
C5-SQUARE CUT	2.28	-0.85	-2.79	-0.32	-1.86				-2.63	-2.83
C6-SEQUENCE III	2.54	-0.59	-1.08	-1.83	-0.49	-1.08	-0.09	0.24		
C7-SQUARE CUT	0.51	-0.73	0.52	1.68	-1.15				0.62	0.02
CAL1A-CALIBRATION PISTON	-0.09	-0.28	-1.08	-0.45	0.30	-1.04	0.09	0.82		
CAL1B-CALIBRATION PISTON	-0.17	-0.84	-0.61	-0.44	1.50	0.51	-0.95	0.74		
CAL1C-CALIBRATION PISTON	0.87	-0.28	-1.09	-0.88	-1.22	0.18	-0.77	0.53		
CAL1D-CALIBRATION PISTON	2.15	0.31	-1.42	-0.47	-0.90	0.49	-0.98	-1.52		
MAXIMUM	2.54	2.81	-3.02	-2.11	2.21	-2.05	-1.89	-1.52	-2.63	-2.83
MINIMUM	0.00	-0.03	0.04	0.02	-0.05	0.02	-0.09	-0.06	-0.17	0.02
RANGE(MAX-MIN)	2.540	2.840	-3.060	-2.130	2.260	-2.070	-1.800	-1.460	-2.460	-2.850
MEAN	0.573	0.364	-1.057	-0.333	-0.110	-0.231	0.207	0.611	-1.108	-0.388
STANDARD DEVIATION	0.899	1.109	1.174	0.957	1.220	0.795	1.027	0.862	1.580	1.687

LIGHT DUTY RATING WORKSHOP (2011 APR 26-28)

Rater= Swanson, Dennis

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	1.23	-0.45	-0.63	-1.08	-0.82	0.04	-0.07	-1.17		
A2-SEQUENCE III	-0.25	0.49	-1.64	-0.42	2.38	-0.53	-1.06	-1.23		
A3-SEQUENCE III	-1.16	-0.12	-2.65	-1.47	-0.75	-1.24	-1.29	-1.88		
A4-SEQUENCE III	-0.18	1.03	-0.18	-1.76	2.61	-1.35	-2.08	-0.37		
A5-SQUARE CUT	-1.95	-1.69	0.28	0.29	-0.46				0.27	-0.86
A6-SEQUENCE III	-0.46	-1.31	-0.15	-1.09	-0.70	-0.99	-0.74	-0.92		
A7-SQUARE CUT	-1.75	-0.79	-1.31	0.43	0.04				-1.73	-1.62
B1-SEQUENCE III	0.99	-0.86	-1.39	0.30	-1.00	-0.32	-0.61	0.66		
B2-SEQUENCE III	1.25	-0.01	-0.12	0.46	-0.88	-0.73	0.63	-0.81		
B3-SEQUENCE III	-0.35	-0.03	-2.39	2.34	-1.44	-0.93	-0.61	-1.38		
B4-SEQUENCE III	0.22	-0.12	-1.57	-1.25	-1.02	-0.24	-1.59	0.44		
B5-SQUARE CUT	-1.37	-0.60	-2.69	-0.62	-0.40				-1.84	-1.33
B6-SEQUENCE III	0.83	-0.48	-0.43	2.44	-0.46	-1.27	0.62	0.38		
B7-SQUARE CUT	0.37	-0.86	-0.72	0.31	0.07				1.41	-0.05
C1-SEQUENCE III	0.42	3.18	-0.71	-0.62	-0.84	-0.53	-2.11	0.88		
C2-SEQUENCE III	1.15	2.74	-1.92	-0.50	0.68	-0.77	-1.85	-0.23		
C3-SEQUENCE III	1.25	2.50	-1.63	0.50	-0.25	0.02	-2.43	0.73		
C4-SEQUENCE III	2.21	1.51	-0.44	-0.96	-0.91	-1.04	-0.57	0.97		
C5-SQUARE CUT	-0.49	-1.61	-0.63	-0.61	0.22				-1.80	0.03
C6-SEQUENCE III	0.47	1.26	-0.76	0.22	-1.19	-0.82	0.09	1.14		
C7-SQUARE CUT										
CAL1A-CALIBRATION PISTON	-0.57	-0.01	-2.41	-0.71	-1.51	-1.99	-2.44	-0.32		
CAL1B-CALIBRATION PISTON										
CAL1C-CALIBRATION PISTON	-0.80	-0.25	-1.21	0.04	-0.71	-1.18	-1.47	-0.25		
CAL1D-CALIBRATION PISTON	-0.78	-0.31	-2.97	-0.84	-2.08	0.73	-0.06	-1.52		
MAXIMUM	2.21	3.18	-2.97	2.44	2.61	-1.99	-2.44	-1.88	-1.84	-1.62
MINIMUM	-0.18	-0.01	-0.12	0.04	0.04	0.02	-0.06	-0.23	0.27	0.03
RANGE(MAX-MIN)	2.390	3.190	-2.850	2.400	2.570	-2.010	-2.380	-1.650	-2.110	-1.650
MEAN	0.012	0.140	-1.229	-0.200	-0.410	-0.730	-0.980	-0.271	-0.738	-0.766
STANDARD DEVIATION	1.075	1.329	0.939	1.052	1.097	0.628	0.990	0.954	1.496	0.742

LIGHT DUTY RATING WORKSHOP (2011 APR 26-28)

Rater= Trevino, Bobby

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCTOT	THTOT	ATTOT	G4TOT	L4TOT	
A1-SEQUENCE III											
A2-SEQUENCE III											
A3-SEQUENCE III											
A4-SEQUENCE III											
A5-SQUARE CUT											
A6-SEQUENCE III											
A7-SQUARE CUT											
B1-SEQUENCE III											
B2-SEQUENCE III											
B3-SEQUENCE III											
B4-SEQUENCE III											
B5-SQUARE CUT											
B6-SEQUENCE III											
B7-SQUARE CUT											
C1-SEQUENCE III	0.54	-0.24	-0.47	-0.17	0.10	0.26	0.50	-0.37			
C2-SEQUENCE III	-0.30	-0.03	-0.09	-0.32	0.17	-0.18	0.04	-0.23			
C3-SEQUENCE III	0.06	-0.03	-0.26	-0.09	-0.16	-0.35	0.06	-0.26			
C4-SEQUENCE III	0.48	-0.52	-0.21	0.77	-0.15	-0.07	-0.01	-0.33			
C5-SQUARE CUT	0.44	0.20	0.63	-0.49	0.43				0.55	0.22	
C6-SEQUENCE III	-0.37	-0.41	0.09	-0.09	-1.13	-0.10	0.54	-0.51			
C7-SQUARE CUT											
CAL1A-CALIBRATION PISTON											
CAL1B-CALIBRATION PISTON	-0.23	-0.14	0.77	0.01	0.80	-0.47	1.33	-0.40			
CAL1C-CALIBRATION PISTON	-0.02	-0.21	-0.20	-0.03	-0.46	-0.04	0.68	0.38			
CAL1D-CALIBRATION PISTON											
MAXIMUM	0.54	-0.52	0.77	0.77	-1.13	-0.47	1.33	-0.51	0.55	0.22	
MINIMUM	-0.02	-0.03	-0.09	0.01	0.10	-0.04	-0.01	-0.23	0.55	0.22	
RANGE(MAX-MIN)	0.560	-0.490	0.860	0.760	-1.230	-0.430	1.340	-0.280	0.000	0.000	
MEAN	0.075	-0.173	0.033	-0.051	-0.050	-0.136	0.449	-0.246	0.550	0.220	
STANDARD DEVIATION	0.369	0.228	0.442	0.370	0.583	0.235	0.478	0.291	0.000	0.000	

LIGHT DUTY RATING WORKSHOP (2011 APR 26-28)

Rater= Viera, Ralph B.

Yi Values

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

PartID	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCTOT	THTOT	ATTOT	G4TOT	L4TOT
A1-SEQUENCE III	-0.58	-0.44	0.80	-0.66	-0.31	0.96	1.53	1.82		
A2-SEQUENCE III	-0.92	0.05	-0.13	-0.01	0.47	1.09	0.81	1.37		
A3-SEQUENCE III	0.66	-0.54	0.78	-0.01	0.07	0.15	1.41	1.50		
A4-SEQUENCE III	0.61	0.22	0.35	1.25	-0.56	1.24	1.22	1.37		
A5-SQUARE CUT	0.13	-0.63	-1.58	-0.67	-2.22				-2.14	-1.60
A6-SEQUENCE III	-0.61	-0.99	-0.37	1.00	1.41	0.54	0.67	-0.13		
A7-SQUARE CUT	0.12	-0.92	0.09	0.05	0.49				-0.23	-0.74
B1-SEQUENCE III										
B2-SEQUENCE III										
B3-SEQUENCE III										
B4-SEQUENCE III										
B5-SQUARE CUT										
B6-SEQUENCE III										
B7-SQUARE CUT										
C1-SEQUENCE III										
C2-SEQUENCE III										
C3-SEQUENCE III										
C4-SEQUENCE III										
C5-SQUARE CUT										
C6-SEQUENCE III										
C7-SQUARE CUT										
CAL1A-CALIBRATION PISTON										
CAL1B-CALIBRATION PISTON										
CAL1C-CALIBRATION PISTON	1.14	-0.24	0.81	-0.16	-0.11	-0.20	1.10	1.23		
CAL1D-CALIBRATION PISTON	0.54	0.84	0.63	1.47	2.05	0.54	-1.65	0.87		
MAXIMUM	1.14	-0.99	-1.58	1.47	-2.22	1.24	-1.65	1.82	-2.14	-1.60
MINIMUM	0.12	0.05	0.09	-0.01	0.07	0.15	0.67	-0.13	-0.23	-0.74
RANGE(MAX-MIN)	1.020	-1.040	-1.670	1.480	-2.290	1.090	-2.320	1.950	-1.910	-0.860
MEAN	0.121	-0.294	0.153	0.251	0.143	0.617	0.727	1.147	-1.185	-1.170
STANDARD DEVIATION	0.694	0.585	0.780	0.796	1.216	0.521	1.092	0.631	1.351	0.608

LIGHT DUTY RATING WORKSHOP (2011 APR 26-28)

Rater= Zalewski, John

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCTOT	THTOT	ATTOT	G4TOT	L4TOT	
A1-SEQUENCE III	0.34	-0.77	-0.22	0.80	-0.41	-0.41	1.64	-0.17			
A2-SEQUENCE III	0.73	-3.52	0.20	0.46	0.47	-0.63	2.06	-1.41			
A3-SEQUENCE III	0.81	-1.62	0.94	-0.79	0.19	0.05	0.18	-0.38			
A4-SEQUENCE III	-0.08	-3.38	-0.71	-0.68	-0.14	-1.24	0.45	-0.81			
A5-SQUARE CUT	-0.18	0.20	0.54	-0.46	0.82				0.27	0.37	
A6-SEQUENCE III	0.38	-1.08	0.86	-1.21	-0.72	0.81	1.44	-1.71			
A7-SQUARE CUT	-0.44	1.64	0.89	-0.36	0.79				0.52	1.33	
B1-SEQUENCE III											
B2-SEQUENCE III											
B3-SEQUENCE III											
B4-SEQUENCE III											
B5-SQUARE CUT											
B6-SEQUENCE III											
B7-SQUARE CUT	1.56	-0.60	-1.27	1.17	0.18				0.31	-0.27	
C1-SEQUENCE III											
C2-SEQUENCE III											
C3-SEQUENCE III											
C4-SEQUENCE III											
C5-SQUARE CUT											
C6-SEQUENCE III											
C7-SQUARE CUT	0.58	0.70	0.52	0.78	0.13				0.46	0.02	
CAL1A-CALIBRATION PISTON											
CAL1B-CALIBRATION PISTON											
CAL1C-CALIBRATION PISTON	0.80	-0.41	-1.09	0.62	1.96	-0.93	1.99	-3.12			
CAL1D-CALIBRATION PISTON	-0.34	-0.25	0.43	-0.98	0.28	0.58	2.05	-2.25			
MAXIMUM	1.56	-3.52	-1.27	-1.21	1.96	-1.24	2.06	-3.12	0.52	1.33	
MINIMUM	-0.08	0.20	0.20	-0.36	0.13	0.05	0.18	-0.17	0.27	0.02	
RANGE(MAX-MIN)	1.640	-3.720	-1.470	-0.850	1.830	-1.290	1.880	-2.950	0.250	1.310	
MEAN	0.378	-0.826	0.099	-0.059	0.323	-0.253	1.401	-1.407	0.390	0.363	
STANDARD DEVIATION	0.603	1.565	0.803	0.838	0.713	0.765	0.781	1.055	0.119	0.696	

LIGHT DUTY RATING WORKSHOP (2011 APR 26-28)

Rater= Adams, Patrick

YI Values

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

PartID	P1MERI	P2MERI	P3MERI	P4MERI	PSV	AVERAG
E1-4-CAL. SEQUENCE V PISTONS						
F1-4-CAL. SEQUENCE V PISTONS						
G1-4-CAL. SEQUENCE V PISTONS	0.80	1.34	1.09	1.18		
H1-4-CAL. SEQUENCE V PISTONS	1.02	0.98	1.11	0.55		
P1-8-1-SEQUENCE V PISTONS					0.29	
P1-8-2-SEQUENCE V PISTONS					-0.16	
P1-8-3-SEQUENCE V PISTONS					0.79	
P1-8-4-SEQUENCE V PISTONS					0.75	
P1-8-5-SEQUENCE V PISTONS					0.00	
P1-8-6-SEQUENCE V PISTONS					-0.55	
P1-8-7-SEQUENCE V PISTONS					0.10	
P1-8-8-SEQUENCE V PISTONS					-0.34	
Q1-8-1-SEQUENCE V PISTONS					0.12	
Q1-8-2-SEQUENCE V PISTONS					0.68	
Q1-8-3-SEQUENCE V PISTONS					0.66	
Q1-8-4-SEQUENCE V PISTONS					0.21	
Q1-8-5-SEQUENCE V PISTONS					0.06	
Q1-8-6-SEQUENCE V PISTONS					-0.13	
Q1-8-7-SEQUENCE V PISTONS					0.73	
Q1-8-8-SEQUENCE V PISTONS					-0.27	
R1-8-1-SEQUENCE V PISTONS					0.83	
R1-8-2-SEQUENCE V PISTONS					0.93	
R1-8-3-SEQUENCE V PISTONS					0.76	
R1-8-4-SEQUENCE V PISTONS					0.68	
R1-8-5-SEQUENCE V PISTONS					0.09	
R1-8-6-SEQUENCE V PISTONS					0.04	
R1-8-7-SEQUENCE V PISTONS					0.56	
R1-8-8-SEQUENCE V PISTONS					0.19	
S1-8-1-SEQUENCE V PISTONS						
S1-8-2-SEQUENCE V PISTONS						
S1-8-3-SEQUENCE V PISTONS						
S1-8-4-SEQUENCE V PISTONS						
S1-8-5-SEQUENCE V PISTONS						
S1-8-6-SEQUENCE V PISTONS						
S1-8-7-SEQUENCE V PISTONS						
S1-8-8-SEQUENCE V PISTONS						
VRCBVL-VG RC BAFFLE VARNISH L						1.36
VRCBVR-VG RC BAFFLE VARNISH R						1.61
VVCALL-CAL VG RC BAFFLE VARNISH L						0.83
VVCALR-CAL VG RC BAFFLE VARNISH R						1.42
MAXIMUM	1.02	1.34	1.11	1.18	0.93	1.61
MINIMUM	0.80	0.98	1.09	0.55	0.00	0.83
RANGE(MAX-MIN)	0.220	0.360	0.020	0.630	0.930	0.780
MEAN	0.910	1.160	1.100	0.865	0.293	1.305
STANDARD DEVIATION	0.156	0.255	0.014	0.445	0.428	0.334

LIGHT DUTY RATING WORKSHOP (2011 APR 26-28)

Rater= Avis, Steven

YI Values

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

PartID	P1MERI	P2MERI	P3MERI	P4MERI	PSV	AVERAG	
E1-4-CAL. SEQUENCE V PISTONS							
F1-4-CAL. SEQUENCE V PISTONS	-2.82	-2.82	-3.16	-2.28			
G1-4-CAL. SEQUENCE V PISTONS							
H1-4-CAL. SEQUENCE V PISTONS							
P1-8-1-SEQUENCE V PISTONS							
P1-8-2-SEQUENCE V PISTONS							
P1-8-3-SEQUENCE V PISTONS							
P1-8-4-SEQUENCE V PISTONS							
P1-8-5-SEQUENCE V PISTONS							
P1-8-6-SEQUENCE V PISTONS							
P1-8-7-SEQUENCE V PISTONS							
P1-8-8-SEQUENCE V PISTONS							
Q1-8-1-SEQUENCE V PISTONS					1.11		
Q1-8-2-SEQUENCE V PISTONS					0.77		
Q1-8-3-SEQUENCE V PISTONS					0.30		
Q1-8-4-SEQUENCE V PISTONS					0.77		
Q1-8-5-SEQUENCE V PISTONS					0.88		
Q1-8-6-SEQUENCE V PISTONS					0.33		
Q1-8-7-SEQUENCE V PISTONS					0.01		
Q1-8-8-SEQUENCE V PISTONS					-0.13		
R1-8-1-SEQUENCE V PISTONS							
R1-8-2-SEQUENCE V PISTONS							
R1-8-3-SEQUENCE V PISTONS							
R1-8-4-SEQUENCE V PISTONS							
R1-8-5-SEQUENCE V PISTONS							
R1-8-6-SEQUENCE V PISTONS							
R1-8-7-SEQUENCE V PISTONS							
R1-8-8-SEQUENCE V PISTONS							
S1-8-1-SEQUENCE V PISTONS							
S1-8-2-SEQUENCE V PISTONS							
S1-8-3-SEQUENCE V PISTONS							
S1-8-4-SEQUENCE V PISTONS							
S1-8-5-SEQUENCE V PISTONS							
S1-8-6-SEQUENCE V PISTONS							
S1-8-7-SEQUENCE V PISTONS							
S1-8-8-SEQUENCE V PISTONS							
VRCBVL-VG RC BAFFLE VARNISH L						-0.37	
VRCBVR-VG RC BAFFLE VARNISH R						-0.85	
VVCALL-CAL VG RC BAFFLE VARNISH L						0.65	
VVCALR-CAL VG RC BAFFLE VARNISH R						1.00	
MAXIMUM	-2.82	-2.82	-3.16	-2.28	1.11	1.00	
MINIMUM	-2.82	-2.82	-3.16	-2.28	0.01	-0.37	
RANGE(MAX-MIN)	0.000	0.000	0.000	0.000	1.100	1.370	
MEAN	-2.820	-2.820	-3.160	-2.280	0.505	0.108	
STANDARD DEVIATION	0.000	0.000	0.000	0.000	0.442	0.863	

LIGHT DUTY RATING WORKSHOP (2011 APR 26-28)

Rater= Barrera, Tony

YI Values

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

PartID	P1MERI	P2MERI	P3MERI	P4MERI	PSV	AVERAG
E1-4-CAL. SEQUENCE V PISTONS	0.85	1.50	0.58	0.79		
F1-4-CAL. SEQUENCE V PISTONS						
G1-4-CAL. SEQUENCE V PISTONS						
H1-4-CAL. SEQUENCE V PISTONS	0.69	1.06	0.52	0.51		
P1-8-1-SEQUENCE V PISTONS					-0.14	
P1-8-2-SEQUENCE V PISTONS					0.04	
P1-8-3-SEQUENCE V PISTONS					0.21	
P1-8-4-SEQUENCE V PISTONS					0.10	
P1-8-5-SEQUENCE V PISTONS					-0.08	
P1-8-6-SEQUENCE V PISTONS					0.36	
P1-8-7-SEQUENCE V PISTONS					0.15	
P1-8-8-SEQUENCE V PISTONS					0.24	
Q1-8-1-SEQUENCE V PISTONS					0.07	
Q1-8-2-SEQUENCE V PISTONS					-0.13	
Q1-8-3-SEQUENCE V PISTONS					-0.94	
Q1-8-4-SEQUENCE V PISTONS					-0.29	
Q1-8-5-SEQUENCE V PISTONS					-0.66	
Q1-8-6-SEQUENCE V PISTONS					0.27	
Q1-8-7-SEQUENCE V PISTONS					0.30	
Q1-8-8-SEQUENCE V PISTONS					0.40	
R1-8-1-SEQUENCE V PISTONS					-0.47	
R1-8-2-SEQUENCE V PISTONS					-0.07	
R1-8-3-SEQUENCE V PISTONS					-0.13	
R1-8-4-SEQUENCE V PISTONS					0.10	
R1-8-5-SEQUENCE V PISTONS					-0.05	
R1-8-6-SEQUENCE V PISTONS					0.46	
R1-8-7-SEQUENCE V PISTONS					0.44	
R1-8-8-SEQUENCE V PISTONS					0.33	
S1-8-1-SEQUENCE V PISTONS					0.10	
S1-8-2-SEQUENCE V PISTONS					0.61	
S1-8-3-SEQUENCE V PISTONS					0.59	
S1-8-4-SEQUENCE V PISTONS					0.38	
S1-8-5-SEQUENCE V PISTONS					0.28	
S1-8-6-SEQUENCE V PISTONS					0.16	
S1-8-7-SEQUENCE V PISTONS					0.92	
S1-8-8-SEQUENCE V PISTONS					0.83	
VRCBVL-VG RC BAFFLE VARNISH L						-0.22
VRCBVR-VG RC BAFFLE VARNISH R						-0.03
VVCALL-CAL VG RC BAFFLE VARNISH L						0.24
VVCALR-CAL VG RC BAFFLE VARNISH R						0.21
MAXIMUM	0.85	1.50	0.58	0.79	-0.94	0.24
MINIMUM	0.69	1.06	0.52	0.51	0.04	-0.03
RANGE(MAX-MIN)	0.160	0.440	0.060	0.280	-0.980	0.270
MEAN	0.770	1.280	0.550	0.650	0.137	0.050
STANDARD DEVIATION	0.113	0.311	0.042	0.198	0.390	0.217

LIGHT DUTY RATING WORKSHOP (2011 APR 26-28)

Rater= Cales, Jonathon

YI Values

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

PartID	P1MERI	P2MERI	P3MERI	P4MERI	PSV	AVERAG	
E1-4-CAL. SEQUENCE V PISTONS							
F1-4-CAL. SEQUENCE V PISTONS	0.58	0.41	0.20	-0.15			
G1-4-CAL. SEQUENCE V PISTONS							
H1-4-CAL. SEQUENCE V PISTONS	-1.57	-1.54	-1.85	-0.87			
P1-8-1-SEQUENCE V PISTONS					0.15		
P1-8-2-SEQUENCE V PISTONS					0.07		
P1-8-3-SEQUENCE V PISTONS					0.14		
P1-8-4-SEQUENCE V PISTONS					-0.06		
P1-8-5-SEQUENCE V PISTONS					-0.14		
P1-8-6-SEQUENCE V PISTONS					-0.42		
P1-8-7-SEQUENCE V PISTONS					-0.74		
P1-8-8-SEQUENCE V PISTONS					-0.61		
Q1-8-1-SEQUENCE V PISTONS							
Q1-8-2-SEQUENCE V PISTONS							
Q1-8-3-SEQUENCE V PISTONS							
Q1-8-4-SEQUENCE V PISTONS							
Q1-8-5-SEQUENCE V PISTONS							
Q1-8-6-SEQUENCE V PISTONS							
Q1-8-7-SEQUENCE V PISTONS							
Q1-8-8-SEQUENCE V PISTONS							
R1-8-1-SEQUENCE V PISTONS							
R1-8-2-SEQUENCE V PISTONS							
R1-8-3-SEQUENCE V PISTONS							
R1-8-4-SEQUENCE V PISTONS							
R1-8-5-SEQUENCE V PISTONS							
R1-8-6-SEQUENCE V PISTONS							
R1-8-7-SEQUENCE V PISTONS							
R1-8-8-SEQUENCE V PISTONS							
S1-8-1-SEQUENCE V PISTONS					-0.41		
S1-8-2-SEQUENCE V PISTONS					-0.29		
S1-8-3-SEQUENCE V PISTONS					-0.35		
S1-8-4-SEQUENCE V PISTONS					0.14		
S1-8-5-SEQUENCE V PISTONS					-0.28		
S1-8-6-SEQUENCE V PISTONS					0.43		
S1-8-7-SEQUENCE V PISTONS					0.08		
S1-8-8-SEQUENCE V PISTONS					-0.09		
VRCBVL-VG RC BAFFLE VARNISH L						-1.24	
VRCBVR-VG RC BAFFLE VARNISH R						-0.36	
VVCALL-CAL VG RC BAFFLE VARNISH L						-0.53	
VVCALR-CAL VG RC BAFFLE VARNISH R						-0.58	
MAXIMUM	-1.57	-1.54	-1.85	-0.87	-0.74	-1.24	
MINIMUM	0.58	0.41	0.20	-0.15	-0.06	-0.36	
RANGE(MAX-MIN)	-2.150	-1.950	-2.050	-0.720	-0.680	-0.880	
MEAN	-0.495	-0.565	-0.825	-0.510	-0.149	-0.678	
STANDARD DEVIATION	1.520	1.379	1.450	0.509	0.315	0.387	

LIGHT DUTY RATING WORKSHOP (2011 APR 26-28)

Rater= Campbell, Bryan

YI Values

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

PartID	P1MERI	P2MERI	P3MERI	P4MERI	PSV	AVERAG
E1-4-CAL. SEQUENCE V PISTONS	0.79	-1.42	-0.41	-1.11		
F1-4-CAL. SEQUENCE V PISTONS	0.86	1.15	0.76	1.04		
G1-4-CAL. SEQUENCE V PISTONS	2.07	-1.16	-2.18	-2.18		
H1-4-CAL. SEQUENCE V PISTONS	2.26	-1.57	-1.32	-0.28		
P1-8-1-SEQUENCE V PISTONS					-1.04	
P1-8-2-SEQUENCE V PISTONS					-1.93	
P1-8-3-SEQUENCE V PISTONS					-2.29	
P1-8-4-SEQUENCE V PISTONS					-2.20	
P1-8-5-SEQUENCE V PISTONS					-2.53	
P1-8-6-SEQUENCE V PISTONS					-2.00	
P1-8-7-SEQUENCE V PISTONS					-0.74	
P1-8-8-SEQUENCE V PISTONS					-1.34	
Q1-8-1-SEQUENCE V PISTONS					-2.62	
Q1-8-2-SEQUENCE V PISTONS					-1.88	
Q1-8-3-SEQUENCE V PISTONS					-1.12	
Q1-8-4-SEQUENCE V PISTONS					-1.07	
Q1-8-5-SEQUENCE V PISTONS					-1.91	
Q1-8-6-SEQUENCE V PISTONS					-1.29	
Q1-8-7-SEQUENCE V PISTONS					-1.12	
Q1-8-8-SEQUENCE V PISTONS					-1.38	
R1-8-1-SEQUENCE V PISTONS					-2.88	
R1-8-2-SEQUENCE V PISTONS					-2.33	
R1-8-3-SEQUENCE V PISTONS					-2.69	
R1-8-4-SEQUENCE V PISTONS					-2.52	
R1-8-5-SEQUENCE V PISTONS					-2.52	
R1-8-6-SEQUENCE V PISTONS					-1.99	
R1-8-7-SEQUENCE V PISTONS					-1.58	
R1-8-8-SEQUENCE V PISTONS					-2.02	
S1-8-1-SEQUENCE V PISTONS						
S1-8-2-SEQUENCE V PISTONS						
S1-8-3-SEQUENCE V PISTONS						
S1-8-4-SEQUENCE V PISTONS						
S1-8-5-SEQUENCE V PISTONS						
S1-8-6-SEQUENCE V PISTONS						
S1-8-7-SEQUENCE V PISTONS						
S1-8-8-SEQUENCE V PISTONS						
VRCBVL-VG RC BAFFLE VARNISH L						0.65
VRCBVR-VG RC BAFFLE VARNISH R						-0.11
VVCALL-CAL VG RC BAFFLE VARNISH L						1.54
VVCALR-CAL VG RC BAFFLE VARNISH R						0.51
MAXIMUM	-2.26	-1.57	-2.18	-2.18	-2.88	1.54
MINIMUM	0.79	1.15	-0.41	-0.28	-0.74	-0.11
RANGE(MAX-MIN)	-3.050	-2.720	-1.770	-1.900	-2.140	1.650
MEAN	-0.670	-0.750	-0.788	-0.633	-1.875	0.648
STANDARD DEVIATION	1.728	1.278	1.260	1.359	0.617	0.681

LIGHT DUTY RATING WORKSHOP (2011 APR 26-28)

Rater= Caproni, David

YI Values

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

PartID	P1MERI	P2MERI	P3MERI	P4MERI	PSV	AVERAG
E1-4-CAL. SEQUENCE V PISTONS						
F1-4-CAL. SEQUENCE V PISTONS						
G1-4-CAL. SEQUENCE V PISTONS	0.01	-0.18	0.71	0.21		
H1-4-CAL. SEQUENCE V PISTONS	0.14	0.02	-0.15	0.59		
P1-8-1-SEQUENCE V PISTONS						
P1-8-2-SEQUENCE V PISTONS						
P1-8-3-SEQUENCE V PISTONS						
P1-8-4-SEQUENCE V PISTONS						
P1-8-5-SEQUENCE V PISTONS						
P1-8-6-SEQUENCE V PISTONS						
P1-8-7-SEQUENCE V PISTONS						
P1-8-8-SEQUENCE V PISTONS						
Q1-8-1-SEQUENCE V PISTONS					-0.29	
Q1-8-2-SEQUENCE V PISTONS					-0.67	
Q1-8-3-SEQUENCE V PISTONS					-0.61	
Q1-8-4-SEQUENCE V PISTONS					0.03	
Q1-8-5-SEQUENCE V PISTONS					-0.62	
Q1-8-6-SEQUENCE V PISTONS					-0.02	
Q1-8-7-SEQUENCE V PISTONS					0.24	
Q1-8-8-SEQUENCE V PISTONS					0.40	
R1-8-1-SEQUENCE V PISTONS					-0.47	
R1-8-2-SEQUENCE V PISTONS					-0.27	
R1-8-3-SEQUENCE V PISTONS					-0.13	
R1-8-4-SEQUENCE V PISTONS					0.22	
R1-8-5-SEQUENCE V PISTONS					-0.12	
R1-8-6-SEQUENCE V PISTONS					0.63	
R1-8-7-SEQUENCE V PISTONS					0.59	
R1-8-8-SEQUENCE V PISTONS					0.60	
S1-8-1-SEQUENCE V PISTONS						
S1-8-2-SEQUENCE V PISTONS						
S1-8-3-SEQUENCE V PISTONS						
S1-8-4-SEQUENCE V PISTONS						
S1-8-5-SEQUENCE V PISTONS						
S1-8-6-SEQUENCE V PISTONS						
S1-8-7-SEQUENCE V PISTONS						
S1-8-8-SEQUENCE V PISTONS						
VRCBVL-VG RC BAFFLE VARNISH L						-0.22
VRCBVR-VG RC BAFFLE VARNISH R						-0.03
VVCALL-CAL VG RC BAFFLE VARNISH L						0.83
VVCALR-CAL VG RC BAFFLE VARNISH R						0.21
MAXIMUM	0.14	-0.18	0.71	0.59	-0.67	0.83
MINIMUM	0.01	0.02	-0.15	0.21	-0.02	-0.03
RANGE(MAX-MIN)	0.130	-0.200	0.860	0.380	-0.650	0.860
MEAN	0.075	-0.080	0.280	0.400	-0.031	0.198
STANDARD DEVIATION	0.092	0.141	0.608	0.269	0.445	0.457

LIGHT DUTY RATING WORKSHOP (2011 APR 26-28)

Rater= Castillo, George

YI Values

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

PartID	P1MERI	P2MERI	P3MERI	P4MERI	PSV	AVERAG	
E1-4-CAL. SEQUENCE V PISTONS							
F1-4-CAL. SEQUENCE V PISTONS	-0.03	0.25	-0.05	-0.76			
G1-4-CAL. SEQUENCE V PISTONS	0.74	-0.63	-0.97	-0.10			
H1-4-CAL. SEQUENCE V PISTONS							
P1-8-1-SEQUENCE V PISTONS					-0.64		
P1-8-2-SEQUENCE V PISTONS					-0.85		
P1-8-3-SEQUENCE V PISTONS					-1.56		
P1-8-4-SEQUENCE V PISTONS					-0.86		
P1-8-5-SEQUENCE V PISTONS					-0.62		
P1-8-6-SEQUENCE V PISTONS					-0.73		
P1-8-7-SEQUENCE V PISTONS					-0.70		
P1-8-8-SEQUENCE V PISTONS					-0.80		
Q1-8-1-SEQUENCE V PISTONS							
Q1-8-2-SEQUENCE V PISTONS							
Q1-8-3-SEQUENCE V PISTONS							
Q1-8-4-SEQUENCE V PISTONS							
Q1-8-5-SEQUENCE V PISTONS							
Q1-8-6-SEQUENCE V PISTONS							
Q1-8-7-SEQUENCE V PISTONS							
Q1-8-8-SEQUENCE V PISTONS							
R1-8-1-SEQUENCE V PISTONS					0.46		
R1-8-2-SEQUENCE V PISTONS					-1.27		
R1-8-3-SEQUENCE V PISTONS					-0.60		
R1-8-4-SEQUENCE V PISTONS					-0.61		
R1-8-5-SEQUENCE V PISTONS					-0.46		
R1-8-6-SEQUENCE V PISTONS					-0.60		
R1-8-7-SEQUENCE V PISTONS					-0.30		
R1-8-8-SEQUENCE V PISTONS					-0.51		
S1-8-1-SEQUENCE V PISTONS							
S1-8-2-SEQUENCE V PISTONS							
S1-8-3-SEQUENCE V PISTONS							
S1-8-4-SEQUENCE V PISTONS							
S1-8-5-SEQUENCE V PISTONS							
S1-8-6-SEQUENCE V PISTONS							
S1-8-7-SEQUENCE V PISTONS							
S1-8-8-SEQUENCE V PISTONS							
VRCBVL-VG RC BAFFLE VARNISH L						-0.85	
VRCBVR-VG RC BAFFLE VARNISH R						-1.67	
VVCALL-CAL VG RC BAFFLE VARNISH L						-1.07	
VVCALR-CAL VG RC BAFFLE VARNISH R						-1.25	
MAXIMUM	-0.74	-0.63	-0.97	-0.76	-1.56	-1.67	
MINIMUM	-0.03	0.25	-0.05	-0.10	-0.30	-0.85	
RANGE(MAX-MIN)	-0.710	-0.880	-0.920	-0.660	-1.260	-0.820	
MEAN	-0.385	-0.190	-0.510	-0.430	-0.666	-1.210	
STANDARD DEVIATION	0.502	0.622	0.651	0.467	0.428	0.348	

LIGHT DUTY RATING WORKSHOP (2011 APR 26-28)

Rater= Cumberworth, Lee

YI Values

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

PartID	P1MERI	P2MERI	P3MERI	P4MERI	PSV	AVERAG
E1-4-CAL. SEQUENCE V PISTONS						
F1-4-CAL. SEQUENCE V PISTONS	0.81	0.30	0.16	0.28		
G1-4-CAL. SEQUENCE V PISTONS	0.89	0.89	0.42	0.79		
H1-4-CAL. SEQUENCE V PISTONS						
P1-8-1-SEQUENCE V PISTONS					0.65	
P1-8-2-SEQUENCE V PISTONS					1.61	
P1-8-3-SEQUENCE V PISTONS					0.79	
P1-8-4-SEQUENCE V PISTONS					0.01	
P1-8-5-SEQUENCE V PISTONS					0.24	
P1-8-6-SEQUENCE V PISTONS					1.22	
P1-8-7-SEQUENCE V PISTONS					1.74	
P1-8-8-SEQUENCE V PISTONS					1.44	
Q1-8-1-SEQUENCE V PISTONS						
Q1-8-2-SEQUENCE V PISTONS						
Q1-8-3-SEQUENCE V PISTONS						
Q1-8-4-SEQUENCE V PISTONS						
Q1-8-5-SEQUENCE V PISTONS						
Q1-8-6-SEQUENCE V PISTONS						
Q1-8-7-SEQUENCE V PISTONS						
Q1-8-8-SEQUENCE V PISTONS						
R1-8-1-SEQUENCE V PISTONS					0.52	
R1-8-2-SEQUENCE V PISTONS					0.66	
R1-8-3-SEQUENCE V PISTONS					1.07	
R1-8-4-SEQUENCE V PISTONS					0.93	
R1-8-5-SEQUENCE V PISTONS					1.15	
R1-8-6-SEQUENCE V PISTONS					1.34	
R1-8-7-SEQUENCE V PISTONS					1.90	
R1-8-8-SEQUENCE V PISTONS					1.13	
S1-8-1-SEQUENCE V PISTONS						
S1-8-2-SEQUENCE V PISTONS						
S1-8-3-SEQUENCE V PISTONS						
S1-8-4-SEQUENCE V PISTONS						
S1-8-5-SEQUENCE V PISTONS						
S1-8-6-SEQUENCE V PISTONS						
S1-8-7-SEQUENCE V PISTONS						
S1-8-8-SEQUENCE V PISTONS						
VRCBVL-VG RC BAFFLE VARNISH L						0.34
VRCBVR-VG RC BAFFLE VARNISH R						-0.03
VVCALL-CAL VG RC BAFFLE VARNISH L						-0.53
VVCALR-CAL VG RC BAFFLE VARNISH R						-0.40
MAXIMUM	0.89	0.89	0.42	0.79	1.90	-0.53
MINIMUM	0.81	0.30	0.16	0.28	0.01	-0.03
RANGE(MAX-MIN)	0.080	0.590	0.260	0.510	1.890	-0.500
MEAN	0.850	0.595	0.290	0.535	1.025	-0.155
STANDARD DEVIATION	0.057	0.417	0.184	0.361	0.529	0.392

LIGHT DUTY RATING WORKSHOP (2011 APR 26-28)

Rater= Foecking, Brian

YI Values

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

PartID	P1MERI	P2MERI	P3MERI	P4MERI	PSV	AVERAG
E1-4-CAL. SEQUENCE V PISTONS	0.33	0.22	0.33	0.60		
F1-4-CAL. SEQUENCE V PISTONS						
G1-4-CAL. SEQUENCE V PISTONS	0.37	-0.05	-0.50	-0.46		
H1-4-CAL. SEQUENCE V PISTONS						
P1-8-1-SEQUENCE V PISTONS					0.29	
P1-8-2-SEQUENCE V PISTONS					-0.73	
P1-8-3-SEQUENCE V PISTONS					-0.45	
P1-8-4-SEQUENCE V PISTONS					-0.46	
P1-8-5-SEQUENCE V PISTONS					-0.29	
P1-8-6-SEQUENCE V PISTONS					-0.83	
P1-8-7-SEQUENCE V PISTONS					-1.20	
P1-8-8-SEQUENCE V PISTONS					-1.05	
Q1-8-1-SEQUENCE V PISTONS					-0.65	
Q1-8-2-SEQUENCE V PISTONS					-0.36	
Q1-8-3-SEQUENCE V PISTONS					-0.36	
Q1-8-4-SEQUENCE V PISTONS					-0.75	
Q1-8-5-SEQUENCE V PISTONS					-0.91	
Q1-8-6-SEQUENCE V PISTONS					-0.94	
Q1-8-7-SEQUENCE V PISTONS					-0.75	
Q1-8-8-SEQUENCE V PISTONS					-1.11	
R1-8-1-SEQUENCE V PISTONS					0.34	
R1-8-2-SEQUENCE V PISTONS					-0.37	
R1-8-3-SEQUENCE V PISTONS					-0.48	
R1-8-4-SEQUENCE V PISTONS					-1.02	
R1-8-5-SEQUENCE V PISTONS					-0.74	
R1-8-6-SEQUENCE V PISTONS					-0.81	
R1-8-7-SEQUENCE V PISTONS					-1.42	
R1-8-8-SEQUENCE V PISTONS					-1.11	
S1-8-1-SEQUENCE V PISTONS					0.50	
S1-8-2-SEQUENCE V PISTONS					0.05	
S1-8-3-SEQUENCE V PISTONS					-0.35	
S1-8-4-SEQUENCE V PISTONS					-0.76	
S1-8-5-SEQUENCE V PISTONS					-0.21	
S1-8-6-SEQUENCE V PISTONS					-0.61	
S1-8-7-SEQUENCE V PISTONS					-0.73	
S1-8-8-SEQUENCE V PISTONS					-0.03	
VRCBVL-VG RC BAFFLE VARNISH L						0.02
VRCBVR-VG RC BAFFLE VARNISH R						-0.44
VVCALL-CAL VG RC BAFFLE VARNISH L						-1.01
VVCALR-CAL VG RC BAFFLE VARNISH R						0.08
MAXIMUM	0.37	0.22	-0.50	0.60	-1.42	-1.01
MINIMUM	0.33	-0.05	0.33	-0.46	-0.03	0.02
RANGE(MAX-MIN)	0.040	0.270	-0.830	1.060	-1.390	-1.030
MEAN	0.350	0.085	-0.085	0.070	-0.572	-0.338
STANDARD DEVIATION	0.028	0.191	0.587	0.750	0.458	0.505

LIGHT DUTY RATING WORKSHOP (2011 APR 26-28)

Rater= Fujita, Hirokazu

YI Values

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

PartID	P1MERI	P2MERI	P3MERI	P4MERI	PSV	AVERAG
E1-4-CAL. SEQUENCE V PISTONS						
F1-4-CAL. SEQUENCE V PISTONS						
G1-4-CAL. SEQUENCE V PISTONS						
H1-4-CAL. SEQUENCE V PISTONS						
P1-8-1-SEQUENCE V PISTONS						
P1-8-2-SEQUENCE V PISTONS						
P1-8-3-SEQUENCE V PISTONS						
P1-8-4-SEQUENCE V PISTONS						
P1-8-5-SEQUENCE V PISTONS						
P1-8-6-SEQUENCE V PISTONS						
P1-8-7-SEQUENCE V PISTONS						
P1-8-8-SEQUENCE V PISTONS						
Q1-8-1-SEQUENCE V PISTONS						
Q1-8-2-SEQUENCE V PISTONS						
Q1-8-3-SEQUENCE V PISTONS						
Q1-8-4-SEQUENCE V PISTONS						
Q1-8-5-SEQUENCE V PISTONS						
Q1-8-6-SEQUENCE V PISTONS						
Q1-8-7-SEQUENCE V PISTONS						
Q1-8-8-SEQUENCE V PISTONS						
R1-8-1-SEQUENCE V PISTONS						
R1-8-2-SEQUENCE V PISTONS						
R1-8-3-SEQUENCE V PISTONS						
R1-8-4-SEQUENCE V PISTONS						
R1-8-5-SEQUENCE V PISTONS						
R1-8-6-SEQUENCE V PISTONS						
R1-8-7-SEQUENCE V PISTONS						
R1-8-8-SEQUENCE V PISTONS						
S1-8-1-SEQUENCE V PISTONS						
S1-8-2-SEQUENCE V PISTONS						
S1-8-3-SEQUENCE V PISTONS						
S1-8-4-SEQUENCE V PISTONS						
S1-8-5-SEQUENCE V PISTONS						
S1-8-6-SEQUENCE V PISTONS						
S1-8-7-SEQUENCE V PISTONS						
S1-8-8-SEQUENCE V PISTONS						
VRCBVL-VG RC BAFFLE VARNISH L						
VRCBVR-VG RC BAFFLE VARNISH R						
VVCALL-CAL VG RC BAFFLE VARNISH L						
VVCALR-CAL VG RC BAFFLE VARNISH R						
MAXIMUM						
MINIMUM						
RANGE(MAX-MIN)						
MEAN						
STANDARD DEVIATION						

LIGHT DUTY RATING WORKSHOP (2011 APR 26-28)

Rater= Greenland, Paul

YI Values

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

PartID	P1MERI	P2MERI	P3MERI	P4MERI	PSV	AVERAG	
E1-4-CAL. SEQUENCE V PISTONS	-0.37	-0.85	-0.48	-1.27			
F1-4-CAL. SEQUENCE V PISTONS							
G1-4-CAL. SEQUENCE V PISTONS	0.92	0.07	-0.50	-0.21			
H1-4-CAL. SEQUENCE V PISTONS							
P1-8-1-SEQUENCE V PISTONS							
P1-8-2-SEQUENCE V PISTONS							
P1-8-3-SEQUENCE V PISTONS							
P1-8-4-SEQUENCE V PISTONS							
P1-8-5-SEQUENCE V PISTONS							
P1-8-6-SEQUENCE V PISTONS							
P1-8-7-SEQUENCE V PISTONS							
P1-8-8-SEQUENCE V PISTONS							
Q1-8-1-SEQUENCE V PISTONS							
Q1-8-2-SEQUENCE V PISTONS							
Q1-8-3-SEQUENCE V PISTONS							
Q1-8-4-SEQUENCE V PISTONS							
Q1-8-5-SEQUENCE V PISTONS							
Q1-8-6-SEQUENCE V PISTONS							
Q1-8-7-SEQUENCE V PISTONS							
Q1-8-8-SEQUENCE V PISTONS							
R1-8-1-SEQUENCE V PISTONS					-0.72		
R1-8-2-SEQUENCE V PISTONS					-0.20		
R1-8-3-SEQUENCE V PISTONS					-0.05		
R1-8-4-SEQUENCE V PISTONS					0.39		
R1-8-5-SEQUENCE V PISTONS					0.09		
R1-8-6-SEQUENCE V PISTONS					-0.22		
R1-8-7-SEQUENCE V PISTONS					-0.33		
R1-8-8-SEQUENCE V PISTONS					-0.78		
S1-8-1-SEQUENCE V PISTONS					0.10		
S1-8-2-SEQUENCE V PISTONS					0.35		
S1-8-3-SEQUENCE V PISTONS					0.25		
S1-8-4-SEQUENCE V PISTONS					0.30		
S1-8-5-SEQUENCE V PISTONS					-0.37		
S1-8-6-SEQUENCE V PISTONS					-0.37		
S1-8-7-SEQUENCE V PISTONS					-0.06		
S1-8-8-SEQUENCE V PISTONS					-0.94		
VRCBVL-VG RC BAFFLE VARNISH L						-0.22	
VRCBVR-VG RC BAFFLE VARNISH R						-0.44	
VVCALL-CAL VG RC BAFFLE VARNISH L						-0.24	
VVCALR-CAL VG RC BAFFLE VARNISH R						-0.22	
MAXIMUM	0.92	-0.85	-0.50	-1.27	-0.94	-0.44	
MINIMUM	-0.37	0.07	-0.48	-0.21	-0.05	-0.22	
RANGE(MAX-MIN)	1.290	-0.920	-0.020	-1.060	-0.890	-0.220	
MEAN	0.275	-0.390	-0.490	-0.740	-0.160	-0.280	
STANDARD DEVIATION	0.912	0.651	0.014	0.750	0.410	0.107	

LIGHT DUTY RATING WORKSHOP (2011 APR 26-28)

Rater= Hurst, Kevin R.

YI Values

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

PartID	P1MERI	P2MERI	P3MERI	P4MERI	PSV	AVERAG
E1-4-CAL. SEQUENCE V PISTONS						
F1-4-CAL. SEQUENCE V PISTONS						
G1-4-CAL. SEQUENCE V PISTONS	0.11	0.64	0.86	0.79		
H1-4-CAL. SEQUENCE V PISTONS	0.23	-0.21	0.79	0.40		
P1-8-1-SEQUENCE V PISTONS						
P1-8-2-SEQUENCE V PISTONS						
P1-8-3-SEQUENCE V PISTONS						
P1-8-4-SEQUENCE V PISTONS						
P1-8-5-SEQUENCE V PISTONS						
P1-8-6-SEQUENCE V PISTONS						
P1-8-7-SEQUENCE V PISTONS						
P1-8-8-SEQUENCE V PISTONS						
Q1-8-1-SEQUENCE V PISTONS					0.12	
Q1-8-2-SEQUENCE V PISTONS					-0.18	
Q1-8-3-SEQUENCE V PISTONS					0.48	
Q1-8-4-SEQUENCE V PISTONS					0.10	
Q1-8-5-SEQUENCE V PISTONS					0.49	
Q1-8-6-SEQUENCE V PISTONS					0.90	
Q1-8-7-SEQUENCE V PISTONS					1.08	
Q1-8-8-SEQUENCE V PISTONS					1.31	
R1-8-1-SEQUENCE V PISTONS					0.71	
R1-8-2-SEQUENCE V PISTONS					0.46	
R1-8-3-SEQUENCE V PISTONS					0.18	
R1-8-4-SEQUENCE V PISTONS					0.76	
R1-8-5-SEQUENCE V PISTONS					1.08	
R1-8-6-SEQUENCE V PISTONS					0.84	
R1-8-7-SEQUENCE V PISTONS					1.23	
R1-8-8-SEQUENCE V PISTONS					0.80	
S1-8-1-SEQUENCE V PISTONS						
S1-8-2-SEQUENCE V PISTONS						
S1-8-3-SEQUENCE V PISTONS						
S1-8-4-SEQUENCE V PISTONS						
S1-8-5-SEQUENCE V PISTONS						
S1-8-6-SEQUENCE V PISTONS						
S1-8-7-SEQUENCE V PISTONS						
S1-8-8-SEQUENCE V PISTONS						
VRCBVL-VG RC BAFFLE VARNISH L						0.34
VRCBVR-VG RC BAFFLE VARNISH R						-0.36
VVCALL-CAL VG RC BAFFLE VARNISH L						-1.42
VVCALR-CAL VG RC BAFFLE VARNISH R						-1.74
MAXIMUM	-0.23	0.64	0.86	0.79	1.31	-1.74
MINIMUM	-0.11	-0.21	0.79	0.40	0.10	0.34
RANGE(MAX-MIN)	-0.120	0.850	0.070	0.390	1.210	-2.080
MEAN	-0.170	0.215	0.825	0.595	0.648	-0.795
STANDARD DEVIATION	0.085	0.601	0.049	0.276	0.437	0.959

LIGHT DUTY RATING WORKSHOP (2011 APR 26-28)

Rater= Kobrinetz, Joaquin J.

YI Values

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

PartID	P1MERI	P2MERI	P3MERI	P4MERI	PSV	AVERAG
E1-4-CAL. SEQUENCE V PISTONS	0.19	-0.27	0.36	0.19		
F1-4-CAL. SEQUENCE V PISTONS	-0.06	0.33	0.16	0.41		
G1-4-CAL. SEQUENCE V PISTONS	0.02	0.64	0.08	-0.46		
H1-4-CAL. SEQUENCE V PISTONS	0.03	0.27	-0.09	-0.17		
P1-8-1-SEQUENCE V PISTONS						
P1-8-2-SEQUENCE V PISTONS						
P1-8-3-SEQUENCE V PISTONS						
P1-8-4-SEQUENCE V PISTONS						
P1-8-5-SEQUENCE V PISTONS						
P1-8-6-SEQUENCE V PISTONS						
P1-8-7-SEQUENCE V PISTONS						
P1-8-8-SEQUENCE V PISTONS						
Q1-8-1-SEQUENCE V PISTONS					-0.92	
Q1-8-2-SEQUENCE V PISTONS					-0.85	
Q1-8-3-SEQUENCE V PISTONS					-0.43	
Q1-8-4-SEQUENCE V PISTONS					-0.99	
Q1-8-5-SEQUENCE V PISTONS					-0.34	
Q1-8-6-SEQUENCE V PISTONS					-0.51	
Q1-8-7-SEQUENCE V PISTONS					-0.43	
Q1-8-8-SEQUENCE V PISTONS					-0.77	
R1-8-1-SEQUENCE V PISTONS					-1.03	
R1-8-2-SEQUENCE V PISTONS					-0.17	
R1-8-3-SEQUENCE V PISTONS					-0.21	
R1-8-4-SEQUENCE V PISTONS					0.10	
R1-8-5-SEQUENCE V PISTONS					-0.26	
R1-8-6-SEQUENCE V PISTONS					-0.64	
R1-8-7-SEQUENCE V PISTONS					-0.68	
R1-8-8-SEQUENCE V PISTONS					-0.44	
S1-8-1-SEQUENCE V PISTONS						
S1-8-2-SEQUENCE V PISTONS						
S1-8-3-SEQUENCE V PISTONS						
S1-8-4-SEQUENCE V PISTONS						
S1-8-5-SEQUENCE V PISTONS						
S1-8-6-SEQUENCE V PISTONS						
S1-8-7-SEQUENCE V PISTONS						
S1-8-8-SEQUENCE V PISTONS						
VRCBVL-VG RC BAFFLE VARNISH L						1.60
VRCBVR-VG RC BAFFLE VARNISH R						1.44
VVCALL-CAL VG RC BAFFLE VARNISH L						0.53
VVCALR-CAL VG RC BAFFLE VARNISH R						-0.40
MAXIMUM	-0.19	0.64	0.36	-0.46	-1.03	1.60
MINIMUM	-0.02	-0.27	0.08	-0.17	0.10	-0.40
RANGE(MAX-MIN)	-0.170	0.910	0.280	-0.290	-1.130	2.000
MEAN	-0.075	0.243	0.128	-0.008	-0.536	0.793
STANDARD DEVIATION	0.079	0.378	0.187	0.385	0.324	0.924

LIGHT DUTY RATING WORKSHOP (2011 APR 26-28)

Rater= Lonsway, Chris

YI Values

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

PartID	P1MERI	P2MERI	P3MERI	P4MERI	PSV	AVERAG
E1-4-CAL. SEQUENCE V PISTONS	0.15	0.30	0.39	0.06		
F1-4-CAL. SEQUENCE V PISTONS	0.53	0.25	-0.47	-0.07		
G1-4-CAL. SEQUENCE V PISTONS	0.17	0.23	-0.13	-0.23		
H1-4-CAL. SEQUENCE V PISTONS						
P1-8-1-SEQUENCE V PISTONS					0.44	
P1-8-2-SEQUENCE V PISTONS					-0.53	
P1-8-3-SEQUENCE V PISTONS					-0.28	
P1-8-4-SEQUENCE V PISTONS					-0.52	
P1-8-5-SEQUENCE V PISTONS					-0.70	
P1-8-6-SEQUENCE V PISTONS					-0.86	
P1-8-7-SEQUENCE V PISTONS					-1.54	
P1-8-8-SEQUENCE V PISTONS					-1.03	
Q1-8-1-SEQUENCE V PISTONS					-1.14	
Q1-8-2-SEQUENCE V PISTONS					-0.72	
Q1-8-3-SEQUENCE V PISTONS					-0.65	
Q1-8-4-SEQUENCE V PISTONS					-1.17	
Q1-8-5-SEQUENCE V PISTONS					-0.87	
Q1-8-6-SEQUENCE V PISTONS					-1.40	
Q1-8-7-SEQUENCE V PISTONS					-0.51	
Q1-8-8-SEQUENCE V PISTONS					-0.70	
R1-8-1-SEQUENCE V PISTONS					0.03	
R1-8-2-SEQUENCE V PISTONS					-0.40	
R1-8-3-SEQUENCE V PISTONS					-0.40	
R1-8-4-SEQUENCE V PISTONS					-1.27	
R1-8-5-SEQUENCE V PISTONS					0.12	
R1-8-6-SEQUENCE V PISTONS					-1.02	
R1-8-7-SEQUENCE V PISTONS					-1.42	
R1-8-8-SEQUENCE V PISTONS					-0.27	
S1-8-1-SEQUENCE V PISTONS					-0.35	
S1-8-2-SEQUENCE V PISTONS					-0.67	
S1-8-3-SEQUENCE V PISTONS					-0.29	
S1-8-4-SEQUENCE V PISTONS					-0.68	
S1-8-5-SEQUENCE V PISTONS					-0.70	
S1-8-6-SEQUENCE V PISTONS					-0.32	
S1-8-7-SEQUENCE V PISTONS					-0.93	
S1-8-8-SEQUENCE V PISTONS					-0.50	
VRCBVL-VG RC BAFFLE VARNISH L						0.26
VRCBVR-VG RC BAFFLE VARNISH R						0.79
VVCALL-CAL VG RC BAFFLE VARNISH L						0.65
VVCALR-CAL VG RC BAFFLE VARNISH R						0.81
MAXIMUM	0.53	0.30	-0.47	-0.23	-1.54	0.81
MINIMUM	0.15	0.23	-0.13	0.06	0.03	0.26
RANGE(MAX-MIN)	0.380	0.070	-0.340	-0.290	-1.570	0.550
MEAN	0.170	0.260	-0.070	-0.080	-0.664	0.628
STANDARD DEVIATION	0.350	0.036	0.433	0.145	0.453	0.255

LIGHT DUTY RATING WORKSHOP (2011 APR 26-28)

Rater= Lopez, Frank

YI Values

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

PartID	P1MERI	P2MERI	P3MERI	P4MERI	PSV	AVERAG
E1-4-CAL. SEQUENCE V PISTONS	1.08	1.01	1.39	0.35		
F1-4-CAL. SEQUENCE V PISTONS						
G1-4-CAL. SEQUENCE V PISTONS						
H1-4-CAL. SEQUENCE V PISTONS	0.58	0.16	-0.18	-0.09		
P1-8-1-SEQUENCE V PISTONS					0.08	
P1-8-2-SEQUENCE V PISTONS					0.70	
P1-8-3-SEQUENCE V PISTONS					1.00	
P1-8-4-SEQUENCE V PISTONS					0.47	
P1-8-5-SEQUENCE V PISTONS					0.80	
P1-8-6-SEQUENCE V PISTONS					0.52	
P1-8-7-SEQUENCE V PISTONS					0.40	
P1-8-8-SEQUENCE V PISTONS					0.90	
Q1-8-1-SEQUENCE V PISTONS					1.29	
Q1-8-2-SEQUENCE V PISTONS					1.04	
Q1-8-3-SEQUENCE V PISTONS					1.06	
Q1-8-4-SEQUENCE V PISTONS					1.30	
Q1-8-5-SEQUENCE V PISTONS					1.23	
Q1-8-6-SEQUENCE V PISTONS					1.31	
Q1-8-7-SEQUENCE V PISTONS					1.13	
Q1-8-8-SEQUENCE V PISTONS					1.14	
R1-8-1-SEQUENCE V PISTONS						
R1-8-2-SEQUENCE V PISTONS						
R1-8-3-SEQUENCE V PISTONS						
R1-8-4-SEQUENCE V PISTONS						
R1-8-5-SEQUENCE V PISTONS						
R1-8-6-SEQUENCE V PISTONS						
R1-8-7-SEQUENCE V PISTONS						
R1-8-8-SEQUENCE V PISTONS						
S1-8-1-SEQUENCE V PISTONS						
S1-8-2-SEQUENCE V PISTONS						
S1-8-3-SEQUENCE V PISTONS						
S1-8-4-SEQUENCE V PISTONS						
S1-8-5-SEQUENCE V PISTONS						
S1-8-6-SEQUENCE V PISTONS						
S1-8-7-SEQUENCE V PISTONS						
S1-8-8-SEQUENCE V PISTONS						
VRCBVL-VG RC BAFFLE VARNISH L						0.57
VRCBVR-VG RC BAFFLE VARNISH R						1.61
VVCALL-CAL VG RC BAFFLE VARNISH L						1.30
VVCALR-CAL VG RC BAFFLE VARNISH R						1.42
MAXIMUM	1.08	1.01	1.39	0.35	1.31	1.61
MINIMUM	0.58	0.16	-0.18	-0.09	0.08	0.57
RANGE(MAX-MIN)	0.500	0.850	1.570	0.440	1.230	1.040
MEAN	0.830	0.585	0.605	0.130	0.898	1.225
STANDARD DEVIATION	0.354	0.601	1.110	0.311	0.370	0.455

LIGHT DUTY RATING WORKSHOP (2011 APR 26-28)

Rater= Lowsky, John

YI Values

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

PartID	P1MERI	P2MERI	P3MERI	P4MERI	PSV	AVERAG
E1-4-CAL. SEQUENCE V PISTONS	0.77	1.10	0.39	1.68		
F1-4-CAL. SEQUENCE V PISTONS	0.36	0.38	0.37	0.74		
G1-4-CAL. SEQUENCE V PISTONS						
H1-4-CAL. SEQUENCE V PISTONS	0.10	0.04	-0.74	-0.68		
P1-8-1-SEQUENCE V PISTONS					1.30	
P1-8-2-SEQUENCE V PISTONS					0.78	
P1-8-3-SEQUENCE V PISTONS					0.17	
P1-8-4-SEQUENCE V PISTONS					0.22	
P1-8-5-SEQUENCE V PISTONS					1.33	
P1-8-6-SEQUENCE V PISTONS					1.19	
P1-8-7-SEQUENCE V PISTONS					0.53	
P1-8-8-SEQUENCE V PISTONS					1.53	
Q1-8-1-SEQUENCE V PISTONS					0.43	
Q1-8-2-SEQUENCE V PISTONS					0.72	
Q1-8-3-SEQUENCE V PISTONS					0.70	
Q1-8-4-SEQUENCE V PISTONS					0.74	
Q1-8-5-SEQUENCE V PISTONS					1.06	
Q1-8-6-SEQUENCE V PISTONS					0.76	
Q1-8-7-SEQUENCE V PISTONS					0.99	
Q1-8-8-SEQUENCE V PISTONS					1.81	
R1-8-1-SEQUENCE V PISTONS					0.83	
R1-8-2-SEQUENCE V PISTONS					-0.07	
R1-8-3-SEQUENCE V PISTONS					-0.32	
R1-8-4-SEQUENCE V PISTONS					0.47	
R1-8-5-SEQUENCE V PISTONS					0.84	
R1-8-6-SEQUENCE V PISTONS					0.63	
R1-8-7-SEQUENCE V PISTONS					0.95	
R1-8-8-SEQUENCE V PISTONS					0.16	
S1-8-1-SEQUENCE V PISTONS					-0.64	
S1-8-2-SEQUENCE V PISTONS					-0.54	
S1-8-3-SEQUENCE V PISTONS					-0.12	
S1-8-4-SEQUENCE V PISTONS					0.43	
S1-8-5-SEQUENCE V PISTONS					-0.54	
S1-8-6-SEQUENCE V PISTONS					0.38	
S1-8-7-SEQUENCE V PISTONS					0.31	
S1-8-8-SEQUENCE V PISTONS					-0.22	
VRCBVL-VG RC BAFFLE VARNISH L						0.18
VRCBVR-VG RC BAFFLE VARNISH R						0.38
VVCALL-CAL VG RC BAFFLE VARNISH L						-2.31
VVCALR-CAL VG RC BAFFLE VARNISH R						-2.65
MAXIMUM	-0.77	1.10	-0.74	1.68	1.81	-2.65
MINIMUM	0.10	0.04	0.37	-0.68	-0.07	0.18
RANGE(MAX-MIN)	-0.870	1.060	-1.110	2.360	1.880	-2.830
MEAN	-0.103	0.507	0.007	0.580	0.525	-1.100
STANDARD DEVIATION	0.592	0.541	0.647	1.188	0.611	1.602

LIGHT DUTY RATING WORKSHOP (2011 APR 26-28)

Rater= May, Marianne

YI Values

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

PartID	P1MERI	P2MERI	P3MERI	P4MERI	PSV	AVERAG
E1-4-CAL. SEQUENCE V PISTONS	1.48	0.88	0.97	0.73		
F1-4-CAL. SEQUENCE V PISTONS	0.89	0.99	0.90	1.02		
G1-4-CAL. SEQUENCE V PISTONS						
H1-4-CAL. SEQUENCE V PISTONS						
P1-8-1-SEQUENCE V PISTONS						
P1-8-2-SEQUENCE V PISTONS						
P1-8-3-SEQUENCE V PISTONS						
P1-8-4-SEQUENCE V PISTONS						
P1-8-5-SEQUENCE V PISTONS						
P1-8-6-SEQUENCE V PISTONS						
P1-8-7-SEQUENCE V PISTONS						
P1-8-8-SEQUENCE V PISTONS						
Q1-8-1-SEQUENCE V PISTONS					0.79	
Q1-8-2-SEQUENCE V PISTONS					0.32	
Q1-8-3-SEQUENCE V PISTONS					0.59	
Q1-8-4-SEQUENCE V PISTONS					0.98	
Q1-8-5-SEQUENCE V PISTONS					0.31	
Q1-8-6-SEQUENCE V PISTONS					0.79	
Q1-8-7-SEQUENCE V PISTONS					0.87	
Q1-8-8-SEQUENCE V PISTONS					1.04	
R1-8-1-SEQUENCE V PISTONS						
R1-8-2-SEQUENCE V PISTONS						
R1-8-3-SEQUENCE V PISTONS						
R1-8-4-SEQUENCE V PISTONS						
R1-8-5-SEQUENCE V PISTONS						
R1-8-6-SEQUENCE V PISTONS						
R1-8-7-SEQUENCE V PISTONS						
R1-8-8-SEQUENCE V PISTONS						
S1-8-1-SEQUENCE V PISTONS					-0.01	
S1-8-2-SEQUENCE V PISTONS					0.65	
S1-8-3-SEQUENCE V PISTONS					0.68	
S1-8-4-SEQUENCE V PISTONS					0.72	
S1-8-5-SEQUENCE V PISTONS					0.51	
S1-8-6-SEQUENCE V PISTONS					0.38	
S1-8-7-SEQUENCE V PISTONS					0.54	
S1-8-8-SEQUENCE V PISTONS					0.32	
VRCBVL-VG RC BAFFLE VARNISH L						-1.01
VRCBVR-VG RC BAFFLE VARNISH R						-1.67
VVCALL-CAL VG RC BAFFLE VARNISH L						0.24
VVCALR-CAL VG RC BAFFLE VARNISH R						0.21
MAXIMUM	1.48	0.99	0.97	1.02	1.04	-1.67
MINIMUM	0.89	0.88	0.90	0.73	-0.01	0.21
RANGE(MAX-MIN)	0.590	0.110	0.070	0.290	1.050	-1.880
MEAN	1.185	0.935	0.935	0.875	0.593	-0.558
STANDARD DEVIATION	0.417	0.078	0.049	0.205	0.280	0.943

LIGHT DUTY RATING WORKSHOP (2011 APR 26-28)

Rater= Pitta, Jimmy

YI Values

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

PartID	P1MERI	P2MERI	P3MERI	P4MERI	PSV	AVERAG
E1-4-CAL. SEQUENCE V PISTONS						
F1-4-CAL. SEQUENCE V PISTONS						
G1-4-CAL. SEQUENCE V PISTONS						
H1-4-CAL. SEQUENCE V PISTONS						
P1-8-1-SEQUENCE V PISTONS						
P1-8-2-SEQUENCE V PISTONS						
P1-8-3-SEQUENCE V PISTONS						
P1-8-4-SEQUENCE V PISTONS						
P1-8-5-SEQUENCE V PISTONS						
P1-8-6-SEQUENCE V PISTONS						
P1-8-7-SEQUENCE V PISTONS						
P1-8-8-SEQUENCE V PISTONS						
Q1-8-1-SEQUENCE V PISTONS						
Q1-8-2-SEQUENCE V PISTONS						
Q1-8-3-SEQUENCE V PISTONS						
Q1-8-4-SEQUENCE V PISTONS						
Q1-8-5-SEQUENCE V PISTONS						
Q1-8-6-SEQUENCE V PISTONS						
Q1-8-7-SEQUENCE V PISTONS						
Q1-8-8-SEQUENCE V PISTONS						
R1-8-1-SEQUENCE V PISTONS						
R1-8-2-SEQUENCE V PISTONS						
R1-8-3-SEQUENCE V PISTONS						
R1-8-4-SEQUENCE V PISTONS						
R1-8-5-SEQUENCE V PISTONS						
R1-8-6-SEQUENCE V PISTONS						
R1-8-7-SEQUENCE V PISTONS						
R1-8-8-SEQUENCE V PISTONS						
S1-8-1-SEQUENCE V PISTONS						
S1-8-2-SEQUENCE V PISTONS						
S1-8-3-SEQUENCE V PISTONS						
S1-8-4-SEQUENCE V PISTONS						
S1-8-5-SEQUENCE V PISTONS						
S1-8-6-SEQUENCE V PISTONS						
S1-8-7-SEQUENCE V PISTONS						
S1-8-8-SEQUENCE V PISTONS						
VRCBVL-VG RC BAFFLE VARNISH L						
VRCBVR-VG RC BAFFLE VARNISH R						
VVCALL-CAL VG RC BAFFLE VARNISH L						
VVCALR-CAL VG RC BAFFLE VARNISH R						
MAXIMUM						
MINIMUM						
RANGE(MAX-MIN)						
MEAN						
STANDARD DEVIATION						

LIGHT DUTY RATING WORKSHOP (2011 APR 26-28)

Rater= Radonich, Pete

YI Values

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

PartID	P1MERI	P2MERI	P3MERI	P4MERI	PSV	AVERAG
E1-4-CAL. SEQUENCE V PISTONS	1.08	1.15	1.19	1.17		
F1-4-CAL. SEQUENCE V PISTONS						
G1-4-CAL. SEQUENCE V PISTONS						
H1-4-CAL. SEQUENCE V PISTONS	0.82	0.92	0.55	0.18		
P1-8-1-SEQUENCE V PISTONS					0.08	
P1-8-2-SEQUENCE V PISTONS					-0.56	
P1-8-3-SEQUENCE V PISTONS					-0.14	
P1-8-4-SEQUENCE V PISTONS					-0.30	
P1-8-5-SEQUENCE V PISTONS					-0.41	
P1-8-6-SEQUENCE V PISTONS					-0.76	
P1-8-7-SEQUENCE V PISTONS					-1.38	
P1-8-8-SEQUENCE V PISTONS					-1.05	
Q1-8-1-SEQUENCE V PISTONS					-0.20	
Q1-8-2-SEQUENCE V PISTONS					-0.36	
Q1-8-3-SEQUENCE V PISTONS					-0.39	
Q1-8-4-SEQUENCE V PISTONS					-0.75	
Q1-8-5-SEQUENCE V PISTONS					-0.55	
Q1-8-6-SEQUENCE V PISTONS					-0.65	
Q1-8-7-SEQUENCE V PISTONS					-0.60	
Q1-8-8-SEQUENCE V PISTONS					-1.11	
R1-8-1-SEQUENCE V PISTONS					0.27	
R1-8-2-SEQUENCE V PISTONS					0.00	
R1-8-3-SEQUENCE V PISTONS					-0.05	
R1-8-4-SEQUENCE V PISTONS					-0.48	
R1-8-5-SEQUENCE V PISTONS					-0.50	
R1-8-6-SEQUENCE V PISTONS					-0.38	
R1-8-7-SEQUENCE V PISTONS					-0.78	
R1-8-8-SEQUENCE V PISTONS					-0.51	
S1-8-1-SEQUENCE V PISTONS					-0.07	
S1-8-2-SEQUENCE V PISTONS					-0.03	
S1-8-3-SEQUENCE V PISTONS					-0.35	
S1-8-4-SEQUENCE V PISTONS					-0.70	
S1-8-5-SEQUENCE V PISTONS					-0.21	
S1-8-6-SEQUENCE V PISTONS					-0.37	
S1-8-7-SEQUENCE V PISTONS					-0.78	
S1-8-8-SEQUENCE V PISTONS					-0.22	
VRCBVL-VG RC BAFFLE VARNISH L						-0.06
VRCBVR-VG RC BAFFLE VARNISH R						-0.28
VVCALL-CAL VG RC BAFFLE VARNISH L						0.00
VVCALR-CAL VG RC BAFFLE VARNISH R						0.08
MAXIMUM	1.08	1.15	1.19	1.17	-1.38	-0.28
MINIMUM	0.82	0.92	0.55	0.18	0.00	0.00
RANGE(MAX-MIN)	0.260	0.230	0.640	0.990	-1.380	-0.280
MEAN	0.950	1.035	0.870	0.675	-0.447	-0.065
STANDARD DEVIATION	0.184	0.163	0.453	0.700	0.360	0.154

LIGHT DUTY RATING WORKSHOP (2011 APR 26-28)

Rater= Rodriguez, Jesus (Jesse)

YI Values

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

PartID	P1MERI	P2MERI	P3MERI	P4MERI	PSV	AVERAG
E1-4-CAL. SEQUENCE V PISTONS	0.04	-0.45	-0.73	-2.09		
F1-4-CAL. SEQUENCE V PISTONS	0.58	0.46	-0.42	-1.49		
G1-4-CAL. SEQUENCE V PISTONS						
H1-4-CAL. SEQUENCE V PISTONS						
P1-8-1-SEQUENCE V PISTONS						
P1-8-2-SEQUENCE V PISTONS						
P1-8-3-SEQUENCE V PISTONS						
P1-8-4-SEQUENCE V PISTONS						
P1-8-5-SEQUENCE V PISTONS						
P1-8-6-SEQUENCE V PISTONS						
P1-8-7-SEQUENCE V PISTONS						
P1-8-8-SEQUENCE V PISTONS						
Q1-8-1-SEQUENCE V PISTONS					-0.47	
Q1-8-2-SEQUENCE V PISTONS					-1.88	
Q1-8-3-SEQUENCE V PISTONS					-2.03	
Q1-8-4-SEQUENCE V PISTONS					-1.98	
Q1-8-5-SEQUENCE V PISTONS					-1.37	
Q1-8-6-SEQUENCE V PISTONS					-1.69	
Q1-8-7-SEQUENCE V PISTONS					-1.61	
Q1-8-8-SEQUENCE V PISTONS					-1.31	
R1-8-1-SEQUENCE V PISTONS						
R1-8-2-SEQUENCE V PISTONS						
R1-8-3-SEQUENCE V PISTONS						
R1-8-4-SEQUENCE V PISTONS						
R1-8-5-SEQUENCE V PISTONS						
R1-8-6-SEQUENCE V PISTONS						
R1-8-7-SEQUENCE V PISTONS						
R1-8-8-SEQUENCE V PISTONS						
S1-8-1-SEQUENCE V PISTONS					-0.01	
S1-8-2-SEQUENCE V PISTONS					-1.26	
S1-8-3-SEQUENCE V PISTONS					-0.97	
S1-8-4-SEQUENCE V PISTONS					-1.31	
S1-8-5-SEQUENCE V PISTONS					-0.73	
S1-8-6-SEQUENCE V PISTONS					-1.79	
S1-8-7-SEQUENCE V PISTONS					-0.01	
S1-8-8-SEQUENCE V PISTONS					-0.37	
VRCBVL-VG RC BAFFLE VARNISH L						0.57
VRCBVR-VG RC BAFFLE VARNISH R						0.79
VVCALL-CAL VG RC BAFFLE VARNISH L						1.42
VVCALR-CAL VG RC BAFFLE VARNISH R						1.42
MAXIMUM	0.58	0.46	-0.73	-2.09	-2.03	1.42
MINIMUM	0.04	-0.45	-0.42	-1.49	-0.01	0.57
RANGE(MAX-MIN)	0.540	0.910	-0.310	-0.600	-2.020	0.850
MEAN	0.310	0.005	-0.575	-1.790	-1.174	1.050
STANDARD DEVIATION	0.382	0.643	0.219	0.424	0.678	0.437

LIGHT DUTY RATING WORKSHOP (2011 APR 26-28)

Rater= Sanchez, Arthur

YI Values

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

PartID	P1MERI	P2MERI	P3MERI	P4MERI	PSV	AVERAG
E1-4-CAL. SEQUENCE V PISTONS	2.15	-0.80	-0.09	-0.76		
F1-4-CAL. SEQUENCE V PISTONS	-1.31	-0.47	-0.28	0.71		
G1-4-CAL. SEQUENCE V PISTONS						
H1-4-CAL. SEQUENCE V PISTONS						
P1-8-1-SEQUENCE V PISTONS						
P1-8-2-SEQUENCE V PISTONS						
P1-8-3-SEQUENCE V PISTONS						
P1-8-4-SEQUENCE V PISTONS						
P1-8-5-SEQUENCE V PISTONS						
P1-8-6-SEQUENCE V PISTONS						
P1-8-7-SEQUENCE V PISTONS						
P1-8-8-SEQUENCE V PISTONS						
Q1-8-1-SEQUENCE V PISTONS					1.02	
Q1-8-2-SEQUENCE V PISTONS					1.12	
Q1-8-3-SEQUENCE V PISTONS					1.42	
Q1-8-4-SEQUENCE V PISTONS					0.95	
Q1-8-5-SEQUENCE V PISTONS					0.59	
Q1-8-6-SEQUENCE V PISTONS					1.16	
Q1-8-7-SEQUENCE V PISTONS					1.37	
Q1-8-8-SEQUENCE V PISTONS					0.91	
R1-8-1-SEQUENCE V PISTONS						
R1-8-2-SEQUENCE V PISTONS						
R1-8-3-SEQUENCE V PISTONS						
R1-8-4-SEQUENCE V PISTONS						
R1-8-5-SEQUENCE V PISTONS						
R1-8-6-SEQUENCE V PISTONS						
R1-8-7-SEQUENCE V PISTONS						
R1-8-8-SEQUENCE V PISTONS						
S1-8-1-SEQUENCE V PISTONS					1.48	
S1-8-2-SEQUENCE V PISTONS					1.33	
S1-8-3-SEQUENCE V PISTONS					1.78	
S1-8-4-SEQUENCE V PISTONS					1.67	
S1-8-5-SEQUENCE V PISTONS					2.33	
S1-8-6-SEQUENCE V PISTONS					1.79	
S1-8-7-SEQUENCE V PISTONS					1.67	
S1-8-8-SEQUENCE V PISTONS					1.59	
VRCBVL-VG RC BAFFLE VARNISH L						-0.22
VRCBVR-VG RC BAFFLE VARNISH R						-0.44
VVCALL-CAL VG RC BAFFLE VARNISH L						-0.95
VVCALR-CAL VG RC BAFFLE VARNISH R						-0.58
MAXIMUM	-2.15	-0.80	-0.28	-0.76	2.33	-0.95
MINIMUM	-1.31	-0.47	-0.09	0.71	0.59	-0.22
RANGE(MAX-MIN)	-0.840	-0.330	-0.190	-1.470	1.740	-0.730
MEAN	-1.730	-0.635	-0.185	-0.025	1.386	-0.548
STANDARD DEVIATION	0.594	0.233	0.134	1.039	0.427	0.307

LIGHT DUTY RATING WORKSHOP (2011 APR 26-28)

Rater= Sanchez, Wilhelm

YI Values

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

PartID	P1MERI	P2MERI	P3MERI	P4MERI	PSV	AVERAG	
E1-4-CAL. SEQUENCE V PISTONS							
F1-4-CAL. SEQUENCE V PISTONS							
G1-4-CAL. SEQUENCE V PISTONS							
H1-4-CAL. SEQUENCE V PISTONS							
P1-8-1-SEQUENCE V PISTONS							
P1-8-2-SEQUENCE V PISTONS							
P1-8-3-SEQUENCE V PISTONS							
P1-8-4-SEQUENCE V PISTONS							
P1-8-5-SEQUENCE V PISTONS							
P1-8-6-SEQUENCE V PISTONS							
P1-8-7-SEQUENCE V PISTONS							
P1-8-8-SEQUENCE V PISTONS							
Q1-8-1-SEQUENCE V PISTONS							
Q1-8-2-SEQUENCE V PISTONS							
Q1-8-3-SEQUENCE V PISTONS							
Q1-8-4-SEQUENCE V PISTONS							
Q1-8-5-SEQUENCE V PISTONS							
Q1-8-6-SEQUENCE V PISTONS							
Q1-8-7-SEQUENCE V PISTONS							
Q1-8-8-SEQUENCE V PISTONS							
R1-8-1-SEQUENCE V PISTONS							
R1-8-2-SEQUENCE V PISTONS							
R1-8-3-SEQUENCE V PISTONS							
R1-8-4-SEQUENCE V PISTONS							
R1-8-5-SEQUENCE V PISTONS							
R1-8-6-SEQUENCE V PISTONS							
R1-8-7-SEQUENCE V PISTONS							
R1-8-8-SEQUENCE V PISTONS							
S1-8-1-SEQUENCE V PISTONS							
S1-8-2-SEQUENCE V PISTONS							
S1-8-3-SEQUENCE V PISTONS							
S1-8-4-SEQUENCE V PISTONS							
S1-8-5-SEQUENCE V PISTONS							
S1-8-6-SEQUENCE V PISTONS							
S1-8-7-SEQUENCE V PISTONS							
S1-8-8-SEQUENCE V PISTONS							
VRCBVL-VG RC BAFFLE VARNISH L							
VRCBVR-VG RC BAFFLE VARNISH R							
VVCALL-CAL VG RC BAFFLE VARNISH L							
VVCALR-CAL VG RC BAFFLE VARNISH R							
MAXIMUM							
MINIMUM							
RANGE(MAX-MIN)							
MEAN							
STANDARD DEVIATION							

LIGHT DUTY RATING WORKSHOP (2011 APR 26-28)

Rater= Seiz, Ray

YI Values

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

PartID	P1MERI	P2MERI	P3MERI	P4MERI	PSV	AVERAG
E1-4-CAL. SEQUENCE V PISTONS						
F1-4-CAL. SEQUENCE V PISTONS						
G1-4-CAL. SEQUENCE V PISTONS	1.76	0.81	1.44	1.39		
H1-4-CAL. SEQUENCE V PISTONS	1.07	1.69	1.46	1.25		
P1-8-1-SEQUENCE V PISTONS					1.01	
P1-8-2-SEQUENCE V PISTONS					1.44	
P1-8-3-SEQUENCE V PISTONS					1.63	
P1-8-4-SEQUENCE V PISTONS					1.53	
P1-8-5-SEQUENCE V PISTONS					1.33	
P1-8-6-SEQUENCE V PISTONS					0.91	
P1-8-7-SEQUENCE V PISTONS					1.22	
P1-8-8-SEQUENCE V PISTONS					1.07	
Q1-8-1-SEQUENCE V PISTONS					1.20	
Q1-8-2-SEQUENCE V PISTONS					1.39	
Q1-8-3-SEQUENCE V PISTONS					1.86	
Q1-8-4-SEQUENCE V PISTONS					1.58	
Q1-8-5-SEQUENCE V PISTONS					1.59	
Q1-8-6-SEQUENCE V PISTONS					1.57	
Q1-8-7-SEQUENCE V PISTONS					0.30	
Q1-8-8-SEQUENCE V PISTONS					0.20	
R1-8-1-SEQUENCE V PISTONS					1.26	
R1-8-2-SEQUENCE V PISTONS					2.23	
R1-8-3-SEQUENCE V PISTONS					2.12	
R1-8-4-SEQUENCE V PISTONS					1.67	
R1-8-5-SEQUENCE V PISTONS					1.98	
R1-8-6-SEQUENCE V PISTONS					2.19	
R1-8-7-SEQUENCE V PISTONS					0.34	
R1-8-8-SEQUENCE V PISTONS					2.34	
S1-8-1-SEQUENCE V PISTONS					1.59	
S1-8-2-SEQUENCE V PISTONS					1.79	
S1-8-3-SEQUENCE V PISTONS					1.44	
S1-8-4-SEQUENCE V PISTONS					1.11	
S1-8-5-SEQUENCE V PISTONS					1.03	
S1-8-6-SEQUENCE V PISTONS					1.10	
S1-8-7-SEQUENCE V PISTONS					1.15	
S1-8-8-SEQUENCE V PISTONS					1.53	
VRCBVL-VG RC BAFFLE VARNISH L						0.57
VRCBVR-VG RC BAFFLE VARNISH R						0.38
VVCALL-CAL VG RC BAFFLE VARNISH L						-1.24
VVCALR-CAL VG RC BAFFLE VARNISH R						0.27
MAXIMUM	1.76	1.69	1.46	1.39	2.34	-1.24
MINIMUM	1.07	0.81	1.44	1.25	0.20	0.27
RANGE(MAX-MIN)	0.690	0.880	0.020	0.140	2.140	-1.510
MEAN	1.415	1.250	1.450	1.320	1.397	-0.005
STANDARD DEVIATION	0.488	0.622	0.014	0.099	0.522	0.833

LIGHT DUTY RATING WORKSHOP (2011 APR 26-28)

Rater= Skuzinski, John

YI Values

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

PartID	P1MERI	P2MERI	P3MERI	P4MERI	PSV	AVERAG
E1-4-CAL. SEQUENCE V PISTONS	0.02	0.22	-1.28	0.09		
F1-4-CAL. SEQUENCE V PISTONS	-0.39	-0.76	-0.08	-0.91		
G1-4-CAL. SEQUENCE V PISTONS	1.17	-2.47	-0.88	-1.33		
H1-4-CAL. SEQUENCE V PISTONS	0.96	-1.17	-1.32	-2.74		
P1-8-1-SEQUENCE V PISTONS					-1.87	
P1-8-2-SEQUENCE V PISTONS					-0.99	
P1-8-3-SEQUENCE V PISTONS					-0.56	
P1-8-4-SEQUENCE V PISTONS					-0.21	
P1-8-5-SEQUENCE V PISTONS					-0.26	
P1-8-6-SEQUENCE V PISTONS					-0.57	
P1-8-7-SEQUENCE V PISTONS					-0.40	
P1-8-8-SEQUENCE V PISTONS					-0.89	
Q1-8-1-SEQUENCE V PISTONS					0.12	
Q1-8-2-SEQUENCE V PISTONS					0.99	
Q1-8-3-SEQUENCE V PISTONS					-0.54	
Q1-8-4-SEQUENCE V PISTONS					0.35	
Q1-8-5-SEQUENCE V PISTONS					1.02	
Q1-8-6-SEQUENCE V PISTONS					-0.45	
Q1-8-7-SEQUENCE V PISTONS					-1.99	
Q1-8-8-SEQUENCE V PISTONS					-0.44	
R1-8-1-SEQUENCE V PISTONS					0.65	
R1-8-2-SEQUENCE V PISTONS					1.00	
R1-8-3-SEQUENCE V PISTONS					0.76	
R1-8-4-SEQUENCE V PISTONS					0.10	
R1-8-5-SEQUENCE V PISTONS					-0.63	
R1-8-6-SEQUENCE V PISTONS					-0.26	
R1-8-7-SEQUENCE V PISTONS					0.02	
R1-8-8-SEQUENCE V PISTONS					-0.38	
S1-8-1-SEQUENCE V PISTONS					-1.44	
S1-8-2-SEQUENCE V PISTONS					-0.29	
S1-8-3-SEQUENCE V PISTONS					-2.11	
S1-8-4-SEQUENCE V PISTONS					-2.07	
S1-8-5-SEQUENCE V PISTONS					-1.26	
S1-8-6-SEQUENCE V PISTONS					-1.79	
S1-8-7-SEQUENCE V PISTONS					-1.79	
S1-8-8-SEQUENCE V PISTONS					-2.31	
VRCBVL-VG RC BAFFLE VARNISH L						
VRCBVR-VG RC BAFFLE VARNISH R						
VVCALL-CAL VG RC BAFFLE VARNISH L						
VVCALR-CAL VG RC BAFFLE VARNISH R						
MAXIMUM	-1.17	-2.47	-1.32	-2.74	-2.31	
MINIMUM	-0.02	0.22	-0.08	0.09	0.02	
RANGE(MAX-MIN)	-1.150	-2.690	-1.240	-2.830	-2.330	
MEAN	-0.635	-1.045	-0.890	-1.223	-0.578	
STANDARD DEVIATION	0.526	1.115	0.575	1.174	0.970	

LIGHT DUTY RATING WORKSHOP (2011 APR 26-28)

Rater= Swanson, Dennis

YI Values

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

PartID	P1MERI	P2MERI	P3MERI	P4MERI	PSV	AVERAG
E1-4-CAL. SEQUENCE V PISTONS	1.06	-1.64	-2.50	-0.54		
F1-4-CAL. SEQUENCE V PISTONS	-0.76	-0.53	0.09	0.33		
G1-4-CAL. SEQUENCE V PISTONS	0.47	-0.14	0.57	0.58		
H1-4-CAL. SEQUENCE V PISTONS						
P1-8-1-SEQUENCE V PISTONS						
P1-8-2-SEQUENCE V PISTONS						
P1-8-3-SEQUENCE V PISTONS						
P1-8-4-SEQUENCE V PISTONS						
P1-8-5-SEQUENCE V PISTONS						
P1-8-6-SEQUENCE V PISTONS						
P1-8-7-SEQUENCE V PISTONS						
P1-8-8-SEQUENCE V PISTONS						
Q1-8-1-SEQUENCE V PISTONS						
Q1-8-2-SEQUENCE V PISTONS						
Q1-8-3-SEQUENCE V PISTONS						
Q1-8-4-SEQUENCE V PISTONS						
Q1-8-5-SEQUENCE V PISTONS						
Q1-8-6-SEQUENCE V PISTONS						
Q1-8-7-SEQUENCE V PISTONS						
Q1-8-8-SEQUENCE V PISTONS						
R1-8-1-SEQUENCE V PISTONS					-0.34	
R1-8-2-SEQUENCE V PISTONS					-0.14	
R1-8-3-SEQUENCE V PISTONS					0.18	
R1-8-4-SEQUENCE V PISTONS					0.51	
R1-8-5-SEQUENCE V PISTONS					-0.08	
R1-8-6-SEQUENCE V PISTONS					-0.22	
R1-8-7-SEQUENCE V PISTONS					0.47	
R1-8-8-SEQUENCE V PISTONS					0.46	
S1-8-1-SEQUENCE V PISTONS					-2.13	
S1-8-2-SEQUENCE V PISTONS					-2.32	
S1-8-3-SEQUENCE V PISTONS					-1.23	
S1-8-4-SEQUENCE V PISTONS					-0.65	
S1-8-5-SEQUENCE V PISTONS					-0.99	
S1-8-6-SEQUENCE V PISTONS					-0.21	
S1-8-7-SEQUENCE V PISTONS					-0.38	
S1-8-8-SEQUENCE V PISTONS					-0.53	
VRCBVL-VG RC BAFFLE VARNISH L						
VRCBVR-VG RC BAFFLE VARNISH R						
VVCALL-CAL VG RC BAFFLE VARNISH L						
VVICALR-CAL VG RC BAFFLE VARNISH R						
MAXIMUM	-1.06	-1.64	-2.50	0.58	-2.32	
MINIMUM	-0.47	-0.14	0.09	0.33	-0.08	
RANGE(MAX-MIN)	-0.590	-1.500	-2.590	0.250	-2.240	
MEAN	-0.763	-0.770	-0.613	0.123	-0.475	
STANDARD DEVIATION	0.295	0.778	1.651	0.588	0.841	

LIGHT DUTY RATING WORKSHOP (2011 APR 26-28)

Rater= Trevino, Bobby

YI Values

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

PartID	P1MERI	P2MERI	P3MERI	P4MERI	PSV	AVERAG	
E1-4-CAL. SEQUENCE V PISTONS	1.23	-0.94	-0.12	0.12			
F1-4-CAL. SEQUENCE V PISTONS							
G1-4-CAL. SEQUENCE V PISTONS							
H1-4-CAL. SEQUENCE V PISTONS							
P1-8-1-SEQUENCE V PISTONS					-0.97		
P1-8-2-SEQUENCE V PISTONS					-0.05		
P1-8-3-SEQUENCE V PISTONS					-0.21		
P1-8-4-SEQUENCE V PISTONS					-0.65		
P1-8-5-SEQUENCE V PISTONS					-0.59		
P1-8-6-SEQUENCE V PISTONS					0.70		
P1-8-7-SEQUENCE V PISTONS					0.51		
P1-8-8-SEQUENCE V PISTONS					0.15		
Q1-8-1-SEQUENCE V PISTONS							
Q1-8-2-SEQUENCE V PISTONS							
Q1-8-3-SEQUENCE V PISTONS							
Q1-8-4-SEQUENCE V PISTONS							
Q1-8-5-SEQUENCE V PISTONS							
Q1-8-6-SEQUENCE V PISTONS							
Q1-8-7-SEQUENCE V PISTONS							
Q1-8-8-SEQUENCE V PISTONS							
R1-8-1-SEQUENCE V PISTONS							
R1-8-2-SEQUENCE V PISTONS							
R1-8-3-SEQUENCE V PISTONS							
R1-8-4-SEQUENCE V PISTONS							
R1-8-5-SEQUENCE V PISTONS							
R1-8-6-SEQUENCE V PISTONS							
R1-8-7-SEQUENCE V PISTONS							
R1-8-8-SEQUENCE V PISTONS							
S1-8-1-SEQUENCE V PISTONS							
S1-8-2-SEQUENCE V PISTONS							
S1-8-3-SEQUENCE V PISTONS							
S1-8-4-SEQUENCE V PISTONS							
S1-8-5-SEQUENCE V PISTONS							
S1-8-6-SEQUENCE V PISTONS							
S1-8-7-SEQUENCE V PISTONS							
S1-8-8-SEQUENCE V PISTONS							
VRCBVL-VG RC BAFFLE VARNISH L						-0.22	
VRCBVR-VG RC BAFFLE VARNISH R						-0.03	
VVCALL-CAL VG RC BAFFLE VARNISH L						0.12	
VVCALR-CAL VG RC BAFFLE VARNISH R						0.08	
MAXIMUM	-1.23	-0.94	-0.12	0.12	-0.97	-0.22	
MINIMUM	-1.23	-0.94	-0.12	0.12	-0.05	-0.03	
RANGE(MAX-MIN)	0.000	0.000	0.000	0.000	-0.920	-0.190	
MEAN	-1.230	-0.940	-0.120	0.120	-0.139	-0.013	
STANDARD DEVIATION	0.000	0.000	0.000	0.000	0.583	0.152	

LIGHT DUTY RATING WORKSHOP (2011 APR 26-28)

Rater= Viera, Ralph B.

YI Values

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

PartID	P1MERI	P2MERI	P3MERI	P4MERI	PSV	AVERAG	
E1-4-CAL. SEQUENCE V PISTONS							
F1-4-CAL. SEQUENCE V PISTONS	0.33	-0.92	0.62	-0.12			
G1-4-CAL. SEQUENCE V PISTONS							
H1-4-CAL. SEQUENCE V PISTONS	0.21	-0.89	0.29	0.14			
P1-8-1-SEQUENCE V PISTONS					-1.47		
P1-8-2-SEQUENCE V PISTONS					-0.42		
P1-8-3-SEQUENCE V PISTONS					-0.45		
P1-8-4-SEQUENCE V PISTONS					-0.09		
P1-8-5-SEQUENCE V PISTONS					0.27		
P1-8-6-SEQUENCE V PISTONS					0.08		
P1-8-7-SEQUENCE V PISTONS					0.74		
P1-8-8-SEQUENCE V PISTONS					1.03		
Q1-8-1-SEQUENCE V PISTONS							
Q1-8-2-SEQUENCE V PISTONS							
Q1-8-3-SEQUENCE V PISTONS							
Q1-8-4-SEQUENCE V PISTONS							
Q1-8-5-SEQUENCE V PISTONS							
Q1-8-6-SEQUENCE V PISTONS							
Q1-8-7-SEQUENCE V PISTONS							
Q1-8-8-SEQUENCE V PISTONS							
R1-8-1-SEQUENCE V PISTONS							
R1-8-2-SEQUENCE V PISTONS							
R1-8-3-SEQUENCE V PISTONS							
R1-8-4-SEQUENCE V PISTONS							
R1-8-5-SEQUENCE V PISTONS							
R1-8-6-SEQUENCE V PISTONS							
R1-8-7-SEQUENCE V PISTONS							
R1-8-8-SEQUENCE V PISTONS							
S1-8-1-SEQUENCE V PISTONS					-0.01		
S1-8-2-SEQUENCE V PISTONS					0.22		
S1-8-3-SEQUENCE V PISTONS					0.45		
S1-8-4-SEQUENCE V PISTONS					0.61		
S1-8-5-SEQUENCE V PISTONS					-0.50		
S1-8-6-SEQUENCE V PISTONS					-0.16		
S1-8-7-SEQUENCE V PISTONS					-1.27		
S1-8-8-SEQUENCE V PISTONS					-0.22		
VRCBVL-VG RC BAFFLE VARNISH L						-3.22	
VRCBVR-VG RC BAFFLE VARNISH R						-1.84	
VVCALL-CAL VG RC BAFFLE VARNISH L						0.12	
VVCALR-CAL VG RC BAFFLE VARNISH R						-0.71	
MAXIMUM	0.33	-0.92	0.62	0.14	-1.47	-3.22	
MINIMUM	-0.21	-0.89	0.29	-0.12	-0.01	0.12	
RANGE(MAX-MIN)	0.540	-0.030	0.330	0.260	-1.460	-3.340	
MEAN	0.060	-0.905	0.455	0.010	-0.074	-1.413	
STANDARD DEVIATION	0.382	0.021	0.233	0.184	0.669	1.448	

LIGHT DUTY RATING WORKSHOP (2011 APR 26-28)

Rater= Zalewski, John

YI Values

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

PartID	P1MERI	P2MERI	P3MERI	P4MERI	PSV	AVERAG
E1-4-CAL. SEQUENCE V PISTONS						
F1-4-CAL. SEQUENCE V PISTONS	0.42	0.99	1.22	1.27		
G1-4-CAL. SEQUENCE V PISTONS						
H1-4-CAL. SEQUENCE V PISTONS	0.85	0.24	0.93	1.21		
P1-8-1-SEQUENCE V PISTONS					1.84	
P1-8-2-SEQUENCE V PISTONS					1.58	
P1-8-3-SEQUENCE V PISTONS					1.21	
P1-8-4-SEQUENCE V PISTONS					2.27	
P1-8-5-SEQUENCE V PISTONS					1.65	
P1-8-6-SEQUENCE V PISTONS					1.74	
P1-8-7-SEQUENCE V PISTONS					1.31	
P1-8-8-SEQUENCE V PISTONS					0.74	
Q1-8-1-SEQUENCE V PISTONS						
Q1-8-2-SEQUENCE V PISTONS						
Q1-8-3-SEQUENCE V PISTONS						
Q1-8-4-SEQUENCE V PISTONS						
Q1-8-5-SEQUENCE V PISTONS						
Q1-8-6-SEQUENCE V PISTONS						
Q1-8-7-SEQUENCE V PISTONS						
Q1-8-8-SEQUENCE V PISTONS						
R1-8-1-SEQUENCE V PISTONS						
R1-8-2-SEQUENCE V PISTONS						
R1-8-3-SEQUENCE V PISTONS						
R1-8-4-SEQUENCE V PISTONS						
R1-8-5-SEQUENCE V PISTONS						
R1-8-6-SEQUENCE V PISTONS						
R1-8-7-SEQUENCE V PISTONS						
R1-8-8-SEQUENCE V PISTONS						
S1-8-1-SEQUENCE V PISTONS					1.30	
S1-8-2-SEQUENCE V PISTONS					0.39	
S1-8-3-SEQUENCE V PISTONS					0.56	
S1-8-4-SEQUENCE V PISTONS					0.82	
S1-8-5-SEQUENCE V PISTONS					1.65	
S1-8-6-SEQUENCE V PISTONS					1.37	
S1-8-7-SEQUENCE V PISTONS					1.29	
S1-8-8-SEQUENCE V PISTONS					1.15	
VRCBVL-VG RC BAFFLE VARNISH L						1.36
VRCBVR-VG RC BAFFLE VARNISH R						1.61
VVCALL-CAL VG RC BAFFLE VARNISH L						0.83
VVCALR-CAL VG RC BAFFLE VARNISH R						0.81
MAXIMUM	0.85	0.99	1.22	1.27	2.27	1.61
MINIMUM	0.42	0.24	0.93	1.21	0.39	0.81
RANGE(MAX-MIN)	0.430	0.750	0.290	0.060	1.880	0.800
MEAN	0.635	0.615	1.075	1.240	1.304	1.153
STANDARD DEVIATION	0.304	0.530	0.205	0.042	0.497	0.397

LIGHT DUTY RATING WORKSHOP (2011 APR 26-28)

Sequence III Piston Deposits

Rater	Parts Rated	-1<yi<=1	-2<yi<=2	-3<yi<=3	>3	Yi STD	Group	Group Color
Adams, Patrick	14	79.4%	98.1%	100.0%	0.0%	0.81	WHITE	
Avis, Steven	14	78.7%	99.1%	99.1%	0.9%	0.86	WHITE	
Barrera, Tony	9	82.9%	97.1%	100.0%	0.0%	0.78	RED	
Cales, Jonathon	9	90.0%	98.6%	100.0%	0.0%	0.61	BLUE	
Campbell, Bryan	9	56.3%	74.7%	85.9%	14.1%	1.66	YELLOW	
Caproni, David	9	74.3%	98.6%	100.0%	0.0%	0.87	WHITE	
Castillo, George	16	84.7%	99.2%	100.0%	0.0%	0.68	RED	
Cumberworth, Lee	9	62.9%	94.3%	100.0%	0.0%	1.07	WHITE	
Foecking, Brian	11	82.1%	98.8%	100.0%	0.0%	0.73	RED	
Fujita, Hirokazu	9	68.6%	94.3%	100.0%	0.0%	0.94	WHITE	
Greenland, Paul	9	70.0%	95.7%	100.0%	0.0%	1.00	WHITE	
Hurst, Kevin R.	17	81.8%	97.0%	100.0%	0.0%	0.79	RED	
Kobrinetz, Joaquin J.	13	85.3%	100.0%	100.0%	0.0%	0.65	BLUE	
Lonsway, Chris	8	69.8%	98.4%	100.0%	0.0%	0.77	WHITE	
Lopez, Frank	9	78.6%	97.1%	100.0%	0.0%	0.84	WHITE	
Lowsky, John	22	52.1%	90.1%	100.0%	0.0%	1.07	YELLOW	
May, Marianne	16	75.8%	98.4%	100.0%	0.0%	0.81	WHITE	
Pitta, Jimmy	9	68.6%	98.6%	100.0%	0.0%	0.91	WHITE	
Radonich, Pete	14	83.6%	99.1%	100.0%	0.0%	0.68	RED	
Rodriguez, Jesus (Jesse)	13	86.3%	97.1%	100.0%	0.0%	0.75	RED	
Sanchez, Arthur	9	64.3%	100.0%	100.0%	0.0%	0.87	WHITE	
Sanchez, Wilhelm	7	82.1%	98.2%	100.0%	0.0%	0.75	RED	
Seiz, Ray	10	62.8%	92.3%	98.7%	1.3%	1.14	WHITE	
Skuzinski, John	23	62.8%	88.9%	99.4%	0.6%	1.16	YELLOW	
Swanson, Dennis	23	60.3%	89.9%	99.4%	0.6%	1.11	YELLOW	
Trevino, Bobby	8	96.8%	100.0%	100.0%	0.0%	0.42	BLUE	
Viera, Ralph B.	9	68.6%	95.7%	100.0%	0.0%	0.94	WHITE	
Zalewski, John	11	73.8%	92.9%	96.4%	3.6%	1.11	WHITE	

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	14	50%
Red	6	80%	95%	0.85	7	25%
Blue	6	85%	98%	0.75	3	11%
Yellow	-	-	-	-	4	14%

LIGHT DUTY RATING WORKSHOP (2011 APR 26-28)

Sequence V Varnish

Rater	Parts Rated	-1<yi<=1	-2<yi<=2	-3<yi<=3	>3	Yi STD	Group	Group Color
Adams, Patrick	32	77.8%	100.0%	100.0%	0.0%	0.55	WHITE	
Avis, Steven	12	68.8%	75.0%	93.8%	6.3%	1.51	YELLOW	
Barrera, Tony	40	95.5%	100.0%	100.0%	0.0%	0.45	BLUE	
Cales, Jonathon	24	85.7%	100.0%	100.0%	0.0%	0.62	BLUE	
Campbell, Bryan	40	20.5%	65.9%	100.0%	0.0%	1.21	YELLOW	
Caproni, David	24	100.0%	100.0%	100.0%	0.0%	0.41	BLUE	
Castillo, George	24	82.1%	100.0%	100.0%	0.0%	0.48	RED	
Cumberworth, Lee	24	67.9%	100.0%	100.0%	0.0%	0.61	WHITE	
Foecking, Brian	40	84.1%	100.0%	100.0%	0.0%	0.51	RED	
Greenland, Paul	24	96.4%	100.0%	100.0%	0.0%	0.46	BLUE	
Hurst, Kevin R.	24	78.6%	100.0%	100.0%	0.0%	0.72	WHITE	
Kobrinetz, Joaquin J.	32	91.7%	100.0%	100.0%	0.0%	0.59	BLUE	
Lonsway, Chris	44	83.3%	100.0%	100.0%	0.0%	0.59	RED	
Lopez, Frank	24	46.4%	100.0%	100.0%	0.0%	0.49	YELLOW	
Lowsky, John	44	79.2%	95.8%	100.0%	0.0%	0.86	WHITE	
May, Marianne	24	82.1%	100.0%	100.0%	0.0%	0.63	RED	
Radonich, Pete	40	84.1%	100.0%	100.0%	0.0%	0.62	RED	
Rodriguez, Jesus (Jesse)	24	50.0%	92.9%	100.0%	0.0%	1.05	YELLOW	
Sanchez, Arthur	24	46.4%	92.9%	100.0%	0.0%	1.15	YELLOW	
Seiz, Ray	40	18.2%	90.9%	100.0%	0.0%	0.65	YELLOW	
Skuzinski, John	48	64.6%	89.6%	100.0%	0.0%	0.93	YELLOW	
Swanson, Dennis	28	78.6%	89.3%	100.0%	0.0%	0.86	YELLOW	
Trevino, Bobby	12	93.8%	100.0%	100.0%	0.0%	0.54	BLUE	
Viera, Ralph B.	24	82.1%	96.4%	96.4%	3.6%	0.89	WHITE	
Zalewski, John	24	39.3%	96.4%	100.0%	0.0%	0.48	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	5	20%
Red	6	80%	95%	0.85	5	20%
Blue	6	85%	98%	0.75	6	24%
Yellow	-	-	-	-	9	36%