



Test Monitoring Center

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

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

April 24, 2018

To Participants of the ASTM International Light Duty Rating Workshop:

The ASTM International Light Duty Rating Workshop was held on April 9-13, 2018, in San Antonio, TX. Enclosed are the minutes for the workshop and a copy of all of the data generated.

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

Sincerely,

Michael T. Kasimirsky
Workshop Coordinator

Notes on the Data

Following is the data produced during the April 9-13, 2018, 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 and all participants. It is important to have some knowledge of the raters involved when comparing results.

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

Light Duty Rating Workshop

April 9-13, 2018

San Antonio, Texas

Monday, April 9, 2018

The workshop began at 1:00pm with 15 raters in attendance (see sign-in sheet) for the Session A. Michael Kasimirsky gave some opening remarks on the format of the workshop. Special thanks were given to Lucio Dominguez and Tony Barrera of Intertek Automotive Research for all their help in gathering the parts used at the workshop.

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

For 2018, a group of raters who achieved "non-yellow" color codes at the 2017 Light Duty Rating Workshop were identified. This group of raters was invited to Session A of the Light Duty Rating Workshop, which was used to set the rating targets for all parts in both sessions. Of the 18 raters identified as possible "target raters," 15 raters were in attendance in Session A.

Also for this workshop, the Minimum Standard Deviation that was implemented at past workshops for all analyses of individual rating was revised. For all rated locations in this workshop, a minimum standard deviation of 0.10 merits was implemented for the calculations on those ratings. Any rated location that results in a standard deviation smaller than 0.10 merits will have the minimum standard deviation used for all calculations.

In addition to the T8 fluorescent sludge lights that were recently put into use, a set of LED sludge lights were set up at this workshop for evaluation. These lights use the same fixtures as the new T8 fluorescent lights, but have been converted to LED using two CREE LED conversion kits per fixture. The raters were asked to provide their feedback on how the LED lights compare to the fluorescent lights.

At 1:25pm, the group began rating the workshop parts.

At 3:45pm, the group reviewed a "composite piston," which was based upon various locations of several pistons, as agreed upon by the target rater group. This data is not included in the workshop report.

At 4:10pm, the preliminary data review ended and the group returned to rating.

At 6:15pm, the group adjourned for the day.

Tuesday, April 10, 2018

Rating of the workshop parts by the Session A raters continued all day, with a break for lunch at 11:45am. The room was opened at 4:30am and closed at 5:20pm for the day.

Wednesday, April 11, 2018

The room was opened for rating at 6:00am and the Session A group finished rating the workshop parts.

Light Duty Rating Workshop

April 9-13, 2018

San Antonio, Texas

At 8:10am, Session B of the workshop began with 18 raters in attendance (see sign-in sheet). Special thanks were given to Lucio Dominguez of Intertek Automotive Research for all their help in gathering the parts used at the workshop.

The format and room layouts of the workshop were reviewed, along with parts assignments and computer access instructions. Raters were also asked to confirm they received the correct serial-numbered Rust/Varnish/Lacquer Rating Scale and Sludge Depth Scale in their workshop materials. The changes to the workshop format for 2018 that were outlined at the start of Session A were also reviewed.

At 8:45am, the Session B raters began rating the workshop parts.

At 10:25am, the Session A raters began their final data review.

At 11:50am, the Session A raters concluded their data review and both groups adjourned for lunch.

At 12:30pm, the Session B raters resumed rating the workshop parts, while the Session A raters, who were not remaining at the workshop to provide training, were finished with the workshop. Rating continued until 6:20pm, with some raters receiving additional training, as the need was identified by the workshop data.

Thursday, April 12, 2018

Rating of the workshop parts by the Session B raters continued all day, with a break for lunch at 12:00pm. The room was opened at 5:30am and closed at 7:00pm for the day, with some raters receiving additional training, as the need was identified by the workshop data.

Friday, April 13, 2018

Rating of the workshop parts by the Session B raters was completed by 10:00am and the group began the final data review of the workshop parts. At 11:00am, the group took a short break, before continuing the data review. The final data review was completed at 12:00pm and the workshop adjourned.

Discussions

Minimum Standard Deviation

For this workshop, the Minimum Standard Deviation was revised, and a value of 0.10 was implemented for all Yi calculations on the individual rating locations.

Use of LED Lighting in Rating

The possible use of LED lighting for rating applications was discussed at this workshop. Due to Federal regulations, fluorescent lighting is on its way out. To evaluate the use of LED lighting in rating, two sludge light

Light Duty Rating Workshop

April 9-13, 2018

San Antonio, Texas

fixtures were converted to LED using two CREE LED conversion kits per fixture. These two LED fixtures were set up in a third sludge booth so that the sludge parts could be rated using LED lighting.

The data generated using LED lighting will not be used for any color code calculations at this workshop.

Future Workshops

The next Heavy Duty Rating Workshop will be held on October 22-26, 2018, at this same location.

The next Light Duty Rating Workshop will be held in April 2019.

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

Light Duty Rating Workshop 2018 – Session A

Sign-In Sheet

Kobrinetz, Joaquin J.

Joaquin Kobrinetz

Sanchez, Arthur

Arthur Sanchez

Foecking, Brian

Brian Foecking

Trevino, Robert

Robert Trevino

Lonsway, Chris

Chris Lonsway

Lopez, Frank

Frank Lopez

Castillo, George

George Castillo

Rodriguez, Jesus (Jesse)

Jesse Rodriguez

Dominguez, Lucio

Lucio Dominguez

Hayden, Matthew

Matthew Hayden

Aguirre, Nancy P

Nancy P Aguirre

Barrera, Tony

Tony C. Barrera

DeCapite, Vanessa

Vanessa DeCapite

Cales, Jonathon

Jonathon Cales

Caproni, David

David Caproni

Light Duty Rating Workshop 2018 – Session A

Sign-In Sheet

Kobrinetz, Joaquin J.

Joaquin Kobrinetz

Sanchez, Arthur

Arthur Sanchez

Foecking, Brian

Alfred P. Neumann / Brian Foecking

Trevino, Robert

Robert Trevino

Lonsway, Chris

Chris Lonsway

Lopez, Frank

Frank Lopez

Castillo, George

George Castillo

Rodriguez, Jesus (Jesse)

Jesse Rodriguez

Dominguez, Lucio

Matthew Hayden

Hayden, Matthew

Nancy P. Aguirre

Aguirre, Nancy P

Tony Barrera

Barrera, Tony

Vanessa DeCapite

DeCapite, Vanessa

Jonathon Cales

Cales, Jonathon

David Caproni

Caproni, David

Light Duty Rating Workshop 2018 – Session A

Sign-In Sheet

Kobrinetz, Joaquin J.

Joaquin Kobrinetz

Sanchez, Arthur

Arthur Sanchez

Foecking, Brian

Brian Foecking

Trevino, Robert

Robert Trevino

Lonsway, Chris

Chris Lonsway

Lopez, Frank

Frank Lopez

Castillo, George

George Castillo

Rodriguez, Jesus (Jesse)

Jesse Rodriguez

Dominguez, Lucio

Lucio Dominguez

Hayden, Matthew

Matthew Hayden

Aguirre, Nancy P

Nancy P Aguirre

Barrera, Tony

Tony Barrera

DeCapite, Vanessa

Vanessa DeCapite

Cales, Jonathon

Jonathon Cales

Caproni, David

David Caproni

Light Duty Rating Workshop 2018 – Session B

Sign-In Sheet

Rodriguez, Edward

Edward Rodriguez

Brawley, Greg

Greg Brawley

Dalvand, Izadyar

Izadyar Dalvand

Bolaney, Jonathan

Jonathan Bolaney

Terrado, Ken

Ken Terrado

Price, Gregory

Gregory Price

Arrizon, Richard

Richard Arrizon

Seiz, Ray

Ray Seiz

Veiga, Victor

Victor Veiga

Guarda, Waldyr

Waldyr Guarda

Ueta, Yuki

Yuki Ueta

Broff, Andy

Andy Broff

Liang, Chen

Chen Liang

Sablad, Bertrand

Bertrand Sablad

Zalewski, John

John Zalewski

YaBin, Liu

YaBin Liu

Cumberworth, Lee

Lee Cumberworth

De Armas, Raymond

Ray De Armas

Light Duty Rating Workshop 2018 – Session B

Sign-In Sheet

Rodriguez, Edward

Edward Rodriguez

Brawley, Greg

Greg Brawley

Dalvand, Izadyar

Izadyar Dalvand

Bolaney, Jonathan

Jonathan Bolaney

Terrado, Ken

Ken Terrado

Price, Gregory

Gregory Price

Arrizon, Richard

Richard Arrizon

Seiz, Ray

Ray Seiz

Veiga, Victor

Victor Veiga

Guarda, Waldyr

Waldyr Guarda

Ueta, Yuki

Yuki Ueta

Broff, Andy

Andy Broff

Liang, Chen

梁辰

Sablal, Bertrand

Bertrand Sablal

Zalewski, John

John Zalewski

YaBin, Liu

刘彬彬

Cumberworth, Lee

Lee Cumberworth

De Armas, Raymond

Ray De Armas

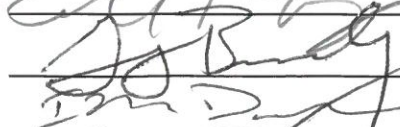
Light Duty Rating Workshop 2018 – Session B

Sign-In Sheet

Rodriguez, Edward




Brawley, Greg



Dalvand, Izadyar



Bolaney, Jonathan



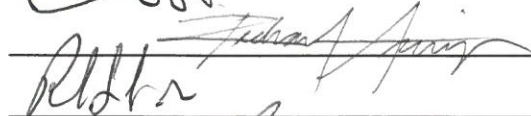
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Price, Gregory



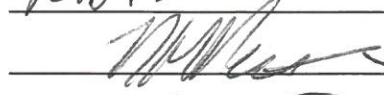
Arrizon, Richard




Seiz, Ray



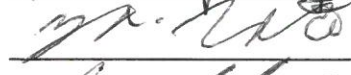
Veiga, Victor



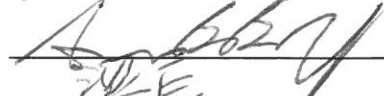
Guarda, Waldyr



Ueta, Yuki



Broff, Andy




Liang, Chen



Sablad, Bertrand



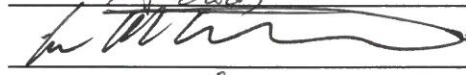
Zalewski, John



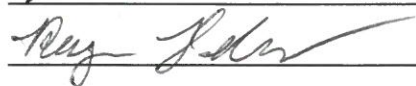
YaBin, Liu



Cumberworth, Lee



De Armas, Raymond



Welcome to the Light Duty Rating Workshop

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



Light Duty Rating Workshop

April 2018



Volunteers

- Thank you to Tony Barrera, Lucio Dominguez, and the entire Intertek Staff for their support and for providing parts for the workshop.



Rating Workshop Server Info

- To access the workshop server, access the local wireless network called "tmcworkshop2"
- The wireless network password is "lightduty2018"
- Workshop Web Address: <http://192.168.1.108/>
- Enter your *username* (printed in red on the summary page in your packet) in the "password" field on the entry screen. [Leave "TMC" in the other field.]
- If individual ratings do not auto-calculate, **stop and get help before entering additional data!**



New Rating Scales

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



Rating Targets for 2018

- This group will set all targets used in the 2018 Light Duty Rating Workshop.
- You must rate at least all your assigned parts, and you are encouraged to rate as many parts as possible.



Light Duty Rating Workshop
Data Entry Network

<http://192.168.1.108/>



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Light Duty Rating Workshop

April 2018



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Rating Manuals

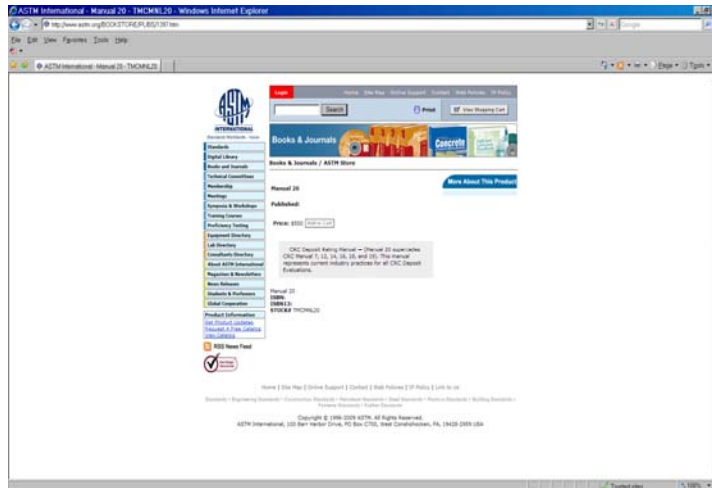
ASTM Headquarters supplies:

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

Go to : WWW.ASTM.ORG



Rating Manuals 20 & 21



Workshop Format

- Light Duty Piston Deposits
 - Three “Letter Sets” of Pistons
 - Two IIIG Pistons
 - Two IIIH Pistons
 - Two GMOD Pistons
- Sequence V Varnish
 - Four Sequence VH piston sets (8 pistons per set)
 - Right & Left Rocker Cover Baffle



Workshop Format (Continued)

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



Workshop Format (Continued)

- Data Review & Discussion



Parts Assignments

- Two Sets of “Lettered” parts (A, B, C)
 - Four Sequence IIIG Pistons
 - Four Sequence IIIH Pistons
 - Four GMOD Pistons
- Three Sets of Sequence VH Pistons (8 pistons)
- LED Lighting Evaluation



Parts Assignments (cont.)

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



Parts Modifications

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



Use of Non-Standard Lighting

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



Workshop Changes for 2018

- Use of “Target Rater Group” for establishing Workshop Targets.
- Implement a revised Minimum Standard Deviation for results calculations.
- LED Lighting Evaluation






Merit Rating Scale

- **Merit Rating** – Amount of a distress or deposit in numerical terms on a descending scale from ten (10), which represents absence of distress or deposits. (page 10)
 - Even though the scale is in whole number increments, it is permissible to assign deposit factors in tenths of a number in an effort to accurately describe the intensity level. (page 16)
- Merit rating values in increments smaller than tenths of a merit are not permitted.



Groove Deposit Review

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

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

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



Recording Carbon Levels

- Carbon Merit Ratings are to be recorded using text values, not numbers, in the workshop software.
 - HC Heavy Carbon (0.00 merits)
 - LC Light Carbon (0.75 merits)
 - Text values ARE CASE SENSITIVE



Results Calculations

- Revision of the “Minimum Standard Deviation” for all results calculations.
 - The Rating Surveillance Panel approved a change to the Minimum Standard Deviation used at the workshop.
 - Based upon this decision, 0.10 merits is the smallest standard deviation that will be used in all parts calculations.
 - Values larger than this limit will be used as calculated.



LED Lighting Evaluation

- Two fluorescent sludge light fixtures were converted to LED using two CREE LED conversion kits per fixture.
- These lights are set up in the center sludge booth.
- All sludge parts are to be rated using LED lighting, after rating with fluorescent light.
- Please move parts to the LED booth for rating and then return them to the original booth when done.
- These LED ratings are *in addition* to the “conventional” ratings of the sludge parts.
- Please rate as many parts as you have time to do, so that we can evaluate this technology.



Workshop Color Codes

- Light Duty Piston Deposits (minimum of 6 parts needed)
 - “Lettered” Piston sets
 - Six Sequence III G Pistons
 - Six Sequence III H Pistons
 - Six G MOD Pistons
- Sequence V Varnish (minimum of 24 parts needed)
 - Rocker Baffle Varnish
 - Four Sequence V H Piston Sets (8 pistons per set)



Workshop Color Codes (cont.)

- Sludge (minimum of 6 parts needed)
 - Complete Sequence V G Engine sludge rating
 - Rocker Covers
 - Rocker Cover Baffles
 - Valve Deck Sludge
 - Timing Chain Cover
 - Oil Pan
 - Oil Pan Baffle
- Induction & Combustion (minimum of 6 parts needed)
 - Intake Valves
 - Piston Tops



Light Duty Rating Workshop
Data Entry Network

<http://192.168.1.108/>



Light Duty Rating Workshop 2018

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

A1 IIIG	A2 IIIG	A3 IIIH	A4 IIIH
A5 GMOD	A6 GMOD	Piston P1-8 VH Piston Skirts	Piston Q1-8 VH Piston Skirts

**LED
Evaluation
Booth**

B1 IIIG	B2 IIIG	B3 IIIH	B4 IIIH
B5 GMOD	B6 GMOD	Piston R1-8 VH Piston Skirts	Piston S1-8 VH Piston Skirts

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

C1 IIIG	C2 IIIG	C3 IIIH	C4 IIIH
C5 GMOD	C6 GMOD	H1-8/I1-8 Intake Valves	PTOPS Piston Tops

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Part ID= A1 - SEQUENCE IIIG PISTON

Rated Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	THTOT	ATTOT
Aguirre, Nancy P	2.18	0.97	9.89	1.72	9.26	9.90	9.90
Arrizon, Richard	2.03	0.93	9.88	1.69	9.11	9.80	9.80
Bolaney, Jonathan	0.93	0.84	9.88	1.27	8.96	9.71	9.86
Castillo, George	1.75	0.78	9.86	1.72	9.17	9.99	9.99
Cumberworth, Lee	1.88	1.03	9.86	1.75	8.97	9.80	9.90
De Armas, Raymond	0.75	0.75	9.77	2.38	9.19	9.90	9.90
Guarda, Waldyr	1.61	0.85	9.93	1.53	9.43	9.93	9.96
Hayden, Matthew	2.94	0.93	9.78	2.04	9.01	9.65	9.74
Kobrinetz, Joaquin J.	1.99	0.86	9.91	1.51	9.25	9.80	9.90
Lonsway, Chris	0.75	0.95	9.85	1.56	9.13	9.90	9.90
Lopez, Frank	0.75	0.75	9.90	1.54	9.33	9.80	9.90
Price, Gregory	1.28	0.90	9.79	1.47	8.93	9.88	9.88
Rodriguez, Jesus (Jesse)	1.52	0.94	9.83	1.48	9.23	9.90	9.90
Sablalad, Bertrand	1.67	1.15	10.00	1.24	7.04	10.00	10.00
Seiz, Ray	0.99	0.86	9.93	1.70	9.32	9.70	9.80
Terrado, Ken	2.18	0.94	9.76	1.77	9.18	9.90	9.90
Trevino, Robert	2.04	0.93	9.89	1.64	8.89	9.87	9.96
Ueta, Yuki	2.01	1.00	9.79	1.91	9.17	9.61	9.90
Veiga, Victor	1.25	0.81	9.88	1.15	9.47	9.84	9.88
YaBin, Liu	1.10	0.91	9.80	1.74	8.53	9.60	9.80
Zalewski, John	2.00	0.89	9.81	2.19	9.29	9.90	9.90
MAXIMUM	2.94	0.97	9.91	2.04	9.33	9.99	9.99
MINIMUM	0.75	0.75	9.78	1.48	8.89	9.65	9.74
RANGE(MAX-MIN)	2.190	0.220	0.130	0.560	0.440	0.340	0.250
MEAN	1.740	0.889	9.864	1.651	9.159	9.851	9.899
STANDARD DEVIATION	0.736	0.100	0.100	0.182	0.146	0.102	0.100
N SIZE	21.000						

Part ID= A1 - SEQUENCE IIIG PISTON

A1 Y1 Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	THTOT	ATTOT
Aguirre, Nancy P	0.60	0.81	0.26	0.38	0.70	0.48	0.01
Arrizon, Richard	0.39	0.41	0.16	0.21	-0.33	-0.50	-0.99
Bolaney, Jonathan	-1.10	-0.49	0.16	-2.10	-1.37	-1.39	-0.39
Castillo, George	0.01	-1.09	-0.04	0.38	0.08	1.36	0.91
Cumberworth, Lee	0.19	1.41	-0.04	0.54	-1.30	-0.50	0.01
De Armas, Raymond	-1.34	-1.39	-0.94	4.04	0.21	0.48	0.01
Guarda, Waldyr	-0.18	-0.39	0.66	-0.67	1.86	0.77	0.61
Hayden, Matthew	1.63	0.41	-0.84	2.14	-1.02	-1.98	-1.59
Kobrinetz, Joaquin J.	0.34	-0.29	0.46	-0.78	0.63	-0.50	0.01
Lonsway, Chris	-1.34	0.61	-0.14	-0.50	-0.20	0.48	0.01
Lopez, Frank	-1.34	-1.39	0.36	-0.61	1.18	-0.50	0.01
Price, Gregory	-0.62	0.11	-0.74	-1.00	-1.57	0.28	-0.19
Rodriguez, Jesus (Jesse)	-0.30	0.51	-0.34	-0.94	0.49	0.48	0.01
Sablalad, Bertrand	-0.10	2.61	1.36	-2.27	-14.76	1.46	1.01
Seiz, Ray	-1.02	-0.29	0.66	0.27	1.11	-1.49	-0.99
Terrado, Ken	0.60	0.51	-1.04	0.65	0.15	0.48	0.01
Trevino, Robert	0.41	0.41	0.26	-0.06	-1.85	0.18	0.61
Ueta, Yuki	0.37	1.11	-0.74	1.43	0.08	-2.37	0.01
Veiga, Victor	-0.67	-0.79	0.16	-2.76	2.14	-0.11	-0.19
YaBin, Liu	-0.87	0.21	-0.64	0.49	-4.32	-2.47	-0.99
Zalewski, John	0.35	0.01	-0.54	2.97	0.90	0.48	0.01
MAXIMUM	1.63	-1.39	-0.84	2.14	-1.85	-1.98	-1.59
MINIMUM	0.01	-0.29	-0.04	-0.06	0.08	0.18	0.01
RANGE(MAX-MIN)	1.616	-1.100	-0.800	2.203	-1.924	-2.162	-1.600
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	0.831	0.434	1.000	1.000	1.000	0.730
N SIZE	21.000						

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Part ID= A2 - SEQUENCE IIIIG PISTON

Rated Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	THTOT	ATTOT
Aguirre, Nancy P	0.75	3.15	9.03	2.00	8.30	9.89	9.89
Arrizon, Richard	0.75	2.76	8.84	1.57	7.50	9.89	9.89
Castillo, George	0.74	3.27	9.08	1.62	8.03	9.99	9.99
De Armas, Raymond	0.75	3.39	8.44	3.49	7.98	9.90	9.90
Guarda, Waldyr	0.75	2.52	9.44	1.39	7.58	9.64	9.56
Hayden, Matthew	0.75	3.20	8.02	1.53	7.20	9.82	9.76
Kobrinetz, Joaquin J.	0.74	3.23	8.82	1.66	8.01	9.90	9.80
Lonsway, Chris	0.75	2.80	8.95	1.58	7.50	9.90	9.90
Lopez, Frank	0.75	2.86	9.08	1.41	8.13	9.90	9.90
Rodriguez, Jesus (Jesse)	0.75	2.47	9.06	1.32	7.24	9.90	9.90
Sablad, Bertrand	1.02	6.09	8.65	2.96	7.40	10.00	10.00
Seiz, Ray	0.75	2.74	8.88	1.89	8.02	9.80	9.80
Terrado, Ken	0.74	3.11	9.56	1.63	7.77	9.90	9.90
Trevino, Robert	0.75	3.01	8.97	1.79	8.35	9.89	9.94
Ueta, Yuki	0.81	3.10	8.84	1.91	7.60	9.90	9.90
Veiga, Victor	0.75	2.98	9.11	1.34	7.98	9.90	9.90
YaBin, Liu	0.75	2.97	8.46	1.41	7.10	9.59	9.59
Zalewski, John	0.75	2.98	8.89	1.59	7.70	9.90	9.90
MAXIMUM	0.75	3.27	9.08	2.00	8.35	9.99	9.99
MINIMUM	0.74	2.47	8.02	1.32	7.20	9.82	9.76
RANGE(MAX-MIN)	0.010	0.800	1.060	0.680	1.150	0.170	0.230
MEAN	0.748	2.999	8.876	1.614	7.845	9.899	9.885
STANDARD DEVIATION	0.100	0.275	0.357	0.213	0.464	0.100	0.100
N SIZE	18.000						

Part ID= A2 - SEQUENCE IIIIG PISTON

A2 Y1 Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	THTOT	ATTOT
Aguirre, Nancy P	0.03	0.55	0.43	1.81	0.98	-0.09	0.05
Arrizon, Richard	0.03	-0.87	-0.10	-0.21	-0.74	-0.09	0.05
Castillo, George	-0.08	0.99	0.57	0.03	0.40	0.91	1.05
De Armas, Raymond	0.03	1.42	-1.22	8.80	0.29	0.01	0.15
Guarda, Waldyr	0.03	-1.74	1.58	-1.05	-0.57	-2.59	-3.25
Hayden, Matthew	0.03	0.73	-2.40	-0.39	-1.39	-0.79	-1.25
Kobrinetz, Joaquin J.	-0.08	0.84	-0.16	0.22	0.36	0.01	-0.85
Lonsway, Chris	0.03	-0.72	0.21	-0.16	-0.74	0.01	0.15
Lopez, Frank	0.03	-0.50	0.57	-0.96	0.61	0.01	0.15
Rodriguez, Jesus (Jesse)	0.03	-1.92	0.52	-1.38	-1.30	0.01	0.15
Sablad, Bertrand	2.73	11.25	-0.63	6.31	-0.96	1.01	1.15
Seiz, Ray	0.03	-0.94	0.01	1.30	0.38	-0.99	-0.85
Terrado, Ken	-0.08	0.40	1.92	0.08	-0.16	0.01	0.15
Trevino, Robert	0.03	0.04	0.26	0.83	1.09	-0.09	0.55
Ueta, Yuki	0.63	0.37	-0.10	1.39	-0.53	0.01	0.15
Veiga, Victor	0.03	-0.07	0.66	-1.28	0.29	0.01	0.15
YaBin, Liu	0.03	-0.10	-1.17	-0.96	-1.61	-3.09	-2.95
Zalewski, John	0.03	-0.07	0.04	-0.11	-0.31	0.01	0.15
MAXIMUM	-0.08	-1.92	-2.40	1.81	-1.39	0.91	-1.25
MINIMUM	0.03	0.04	-0.16	0.03	0.36	0.01	0.05
RANGE(MAX-MIN)	-0.100	-1.965	-2.242	1.782	-1.747	0.900	-1.300
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	0.100	1.000	1.000	1.000	1.000	0.458	0.733
N SIZE	18.000						

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Part ID= A3 - SEQUENCE IIIH PISTON

Rated Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	FRTOT	RRTOT
Aguirre, Nancy P	1.27	0.75	8.98	1.70	2.00	9.88	9.83
Arrizon, Richard	0.86	0.75	8.34	1.37	1.84	9.85	9.66
Bolaney, Jonathan	0.81	0.74	9.19	1.50	1.55	9.87	9.73
Castillo, George	0.84	0.75	9.09	1.35	2.12	9.94	9.74
Cumberworth, Lee	0.86	0.75	7.86	1.43	1.63	9.67	9.48
De Armas, Raymond	3.65	0.75	9.07	2.13	2.07	9.86	9.78
Guarda, Waldyr	0.66	0.75	9.02	1.22	1.47	9.99	9.94
Hayden, Matthew	1.14	0.73	7.77	1.28	1.58	9.83	9.64
Kobrinetz, Joaquin J.	0.97	0.74	8.50	1.47	2.05	9.58	9.32
Lonsway, Chris	0.74	0.75	8.98	1.50	1.91	9.75	9.49
Lopez, Frank	0.75	0.75	8.85	1.17	1.70	9.71	9.65
Rodriguez, Edward	0.78	0.75	8.01	1.29	1.50	9.76	9.46
Rodriguez, Jesus (Jesse)	0.83	0.75	8.64	1.15	1.74	9.82	9.59
Sablal, Bertrand	1.85	1.50	7.25	2.10	2.10	9.65	8.78
Seiz, Ray	0.75	0.75	8.53	1.95	2.36	9.94	9.57
Terrado, Ken	0.74	0.74	8.44	1.75	2.18	9.83	9.55
Trevino, Robert	0.91	0.75	8.81	1.49	2.22	9.84	9.69
Ueta, Yuki	0.84	0.69	8.73	1.44	1.88	9.67	9.63
YaBin, Liu	1.02	0.75	8.65	1.40	1.87	9.47	9.29
Zalewski, John	1.10	0.75	8.46	1.76	1.79	9.83	9.57
MAXIMUM	1.27	0.75	9.09	1.70	2.22	9.94	9.83
MINIMUM	0.74	0.73	7.77	1.15	1.58	9.58	9.32
RANGE(MAX-MIN)	0.530	0.020	1.320	0.550	0.640	0.360	0.510
MEAN	0.931	0.746	8.703	1.389	1.915	9.794	9.619
STANDARD DEVIATION	0.188	0.100	0.423	0.187	0.223	0.112	0.157
N SIZE	20.000						

Part ID= A3 - SEQUENCE IIIH PISTON

A3 Y1 Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	FRTOT	RRTOT
Aguirre, Nancy P	1.80	0.04	0.66	1.67	0.38	0.77	1.35
Arrizon, Richard	-0.38	0.04	-0.86	-0.10	-0.34	0.50	0.26
Bolaney, Jonathan	-0.64	-0.06	1.15	0.60	-1.63	0.68	0.71
Castillo, George	-0.48	0.04	0.92	-0.21	0.92	1.31	0.77
Cumberworth, Lee	-0.38	0.04	-1.99	0.22	-1.28	-1.11	-0.88
De Armas, Raymond	14.44	0.04	0.87	3.97	0.69	0.59	1.03
Guarda, Waldyr	-1.44	0.04	0.75	-0.90	-1.99	1.75	2.05
Hayden, Matthew	1.11	-0.16	-2.21	-0.58	-1.50	0.32	0.14
Kobrinetz, Joaquin J.	0.21	-0.06	-0.48	0.43	0.60	-1.91	-1.90
Lonsway, Chris	-1.02	0.04	0.66	0.60	-0.02	-0.39	-0.82
Lopez, Frank	-0.96	0.04	0.35	-1.17	-0.96	-0.75	0.20
Rodriguez, Edward	-0.80	0.04	-1.64	-0.53	-1.86	-0.30	-1.01
Rodriguez, Jesus (Jesse)	-0.54	0.04	-0.15	-1.28	-0.78	0.23	-0.18
Sablal, Bertrand	4.88	7.54	-3.43	3.81	0.83	-1.29	-5.34
Seiz, Ray	-0.96	0.04	-0.41	3.00	1.99	1.31	-0.31
Terrado, Ken	-1.02	-0.06	-0.62	1.93	1.19	0.32	-0.44
Trevino, Robert	-0.11	0.04	0.25	0.54	1.36	0.41	0.45
Ueta, Yuki	-0.48	-0.56	0.07	0.27	-0.16	-1.11	0.07
YaBin, Liu	0.47	0.04	-0.12	0.06	-0.20	-2.89	-2.09
Zalewski, John	0.90	0.04	-0.57	1.99	-0.56	0.32	-0.31
MAXIMUM	1.80	-0.16	-2.21	1.67	-1.50	-1.91	-1.90
MINIMUM	-0.11	0.04	-0.15	-0.21	-0.02	0.23	0.14
RANGE(MAX-MIN)	1.912	-0.200	-2.057	1.874	-1.477	-2.146	-2.039
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	0.100	1.000	1.000	1.000	1.000	1.000
N SIZE	20.000						

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Part ID= A4 - SEQUENCE IIIH PISTON

Rated Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	FRTOT	RRTOT
Aguirre, Nancy P	0.75	0.75	9.77	0.88	4.48	9.90	9.90
Arrizon, Richard	0.74	0.74	9.72	0.91	4.16	9.90	9.90
Bolaney, Jonathan	0.75	0.73	9.80	0.79	3.73	9.87	9.87
Castillo, George	0.71	0.75	9.72	0.90	4.29	9.99	9.99
Cumberworth, Lee	0.75	0.75	9.59	0.82	4.37	9.90	9.90
De Armas, Raymond	0.75	0.75	9.74	0.88	3.63	9.90	9.90
Guarda, Waldyr	0.69	0.71	9.71	0.88	4.37	10.00	9.80
Hayden, Matthew	0.75	0.74	9.70	0.90	4.15	9.94	9.90
Kobrinetz, Joaquin J.	0.75	0.74	9.70	0.87	4.06	9.95	9.96
Lonsway, Chris	0.75	0.75	9.78	0.85	3.67	9.90	9.90
Lopez, Frank	0.75	0.74	9.74	0.77	3.76	9.90	9.90
Price, Gregory	0.75	0.74	9.63	0.80	3.66	9.84	9.82
Rodriguez, Edward	0.75	0.74	9.64	0.82	3.47	9.87	9.88
Rodriguez, Jesus (Jesse)	0.75	0.75	9.74	0.82	3.82	9.90	9.90
Seiz, Ray	0.74	0.69	9.68	0.93	3.60	10.00	9.96
Terrado, Ken	0.74	0.74	9.75	0.86	3.87	9.90	9.90
Trevino, Robert	0.75	0.75	9.64	0.82	4.51	9.99	9.99
Ueta, Yuki	0.75	0.73	9.64	0.98	3.64	9.90	9.90
Veiga, Victor	0.75	0.75	9.81	0.83	4.27	9.90	9.90
YaBin, Liu	0.75	0.75	9.70	1.03	4.55	9.34	9.90
Zalewski, John	0.69	0.74	9.72	0.92	4.29	9.90	9.90
MAXIMUM	0.75	0.75	9.78	0.90	4.51	9.99	9.99
MINIMUM	0.71	0.74	9.64	0.77	3.67	9.90	9.90
RANGE(MAX-MIN)	0.040	0.010	0.140	0.130	0.840	0.090	0.090
MEAN	0.745	0.746	9.724	0.851	4.093	9.934	9.930
STANDARD DEVIATION	0.100	0.100	0.100	0.100	0.323	0.100	0.100
N SIZE	21.000						

Part ID= A4 - SEQUENCE IIIH PISTON

A4 YI Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	FRTOT	RRTOT
Aguirre, Nancy P	0.05	0.04	0.46	0.29	1.20	-0.34	-0.30
Arrizon, Richard	-0.05	-0.06	-0.04	0.59	0.21	-0.34	-0.30
Bolaney, Jonathan	0.05	-0.16	0.76	-0.61	-1.12	-0.64	-0.60
Castillo, George	-0.35	0.04	-0.04	0.49	0.61	0.56	0.60
Cumberworth, Lee	0.05	0.04	-1.34	-0.31	0.86	-0.34	-0.30
De Armas, Raymond	0.05	0.04	0.16	0.29	-1.43	-0.34	-0.30
Guarda, Waldyr	-0.55	-0.36	-0.14	0.29	0.86	0.66	-1.30
Hayden, Matthew	0.05	-0.06	-0.24	0.49	0.18	0.06	-0.30
Kobrinetz, Joaquin J.	0.05	-0.06	-0.24	0.19	-0.10	0.16	0.30
Lonsway, Chris	0.05	0.04	0.56	-0.01	-1.31	-0.34	-0.30
Lopez, Frank	0.05	-0.06	0.16	-0.81	-1.03	-0.34	-0.30
Price, Gregory	0.05	-0.06	-0.94	-0.51	-1.34	-0.94	-1.10
Rodriguez, Edward	0.05	-0.06	-0.84	-0.31	-1.93	-0.64	-0.50
Rodriguez, Jesus (Jesse)	0.05	0.04	0.16	-0.31	-0.84	-0.34	-0.30
Seiz, Ray	-0.05	-0.56	-0.44	0.79	-1.52	0.66	0.30
Terrado, Ken	-0.05	-0.06	0.26	0.09	-0.69	-0.34	-0.30
Trevino, Robert	0.05	0.04	-0.84	-0.31	1.29	0.56	0.60
Ueta, Yuki	0.05	-0.16	-0.84	1.29	-1.40	-0.34	-0.30
Veiga, Victor	0.05	0.04	0.86	-0.21	0.55	-0.34	-0.30
YaBin, Liu	0.05	0.04	-0.24	1.79	1.42	-5.94	-0.30
Zalewski, John	-0.55	-0.06	-0.04	0.69	0.61	-0.34	-0.30
MAXIMUM	-0.35	-0.06	-0.84	-0.81	-1.31	0.56	0.60
MINIMUM	0.05	0.04	-0.04	-0.01	-0.10	0.06	-0.30
RANGE(MAX-MIN)	-0.400	-0.100	-0.800	-0.800	-1.207	0.500	0.900
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	0.141	0.100	0.447	0.455	1.000	0.400	0.424
N SIZE	21.000						

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Part ID= A5 - GMOD PISTON

Rated Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	THTOT	ATTOT
Aguirre, Nancy P	0.85	3.74	9.81	0.83	9.07	9.37	9.68
Arrizon, Richard	0.78	2.81	9.88	0.83	9.03	9.39	9.63
Castillo, George	0.82	3.57	9.95	0.84	8.98	9.43	9.64
De Armas, Raymond	0.88	2.41	9.67	0.97	8.93	9.68	9.74
Guarda, Waldyr	0.77	3.14	9.94	0.90	8.99	9.51	9.80
Hayden, Matthew	0.80	2.79	9.72	0.77	9.14	9.26	9.62
Kobrinetz, Joaquin J.	0.88	3.13	9.68	0.83	9.22	9.32	9.57
Lonsway, Chris	0.75	3.32	9.80	0.84	8.82	9.23	8.88
Lopez, Frank	0.75	3.43	9.81	0.83	9.32	8.69	8.89
Rodriguez, Jesus (Jesse)	0.83	2.97	9.68	0.75	9.37	9.37	9.49
Seiz, Ray	0.75	2.75	9.79	0.93	9.43	9.08	9.65
Terrado, Ken	0.84	3.09	9.88	0.84	9.02	9.09	9.46
Trevino, Robert	0.77	3.85	9.81	0.75	9.32	9.49	9.75
Ueta, Yuki	0.82	2.81	9.75	0.82	9.39	9.28	9.45
YaBin, Liu	0.81	3.22	9.65	0.92	9.25	9.22	9.02
Zalewski, John	0.75	3.26	9.82	0.90	9.29	8.88	9.13
MAXIMUM	0.88	3.85	9.95	0.84	9.37	9.49	9.75
MINIMUM	0.75	2.79	9.68	0.75	8.82	8.69	8.88
RANGE(MAX-MIN)	0.130	1.060	0.270	0.090	0.550	0.800	0.870
MEAN	0.806	3.350	9.783	0.805	9.155	9.270	9.440
STANDARD DEVIATION	0.100	0.371	0.100	0.100	0.191	0.249	0.351
N SIZE	16.000						

Part ID= A5 - GMOD PISTON

A5 YI Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	THTOT	ATTOT
Aguirre, Nancy P	0.44	1.05	0.28	0.25	-0.45	0.40	0.68
Arrizon, Richard	-0.26	-1.46	0.98	0.25	-0.65	0.48	0.54
Castillo, George	0.14	0.59	1.68	0.35	-0.92	0.64	0.57
De Armas, Raymond	0.74	-2.53	-1.13	1.65	-1.18	1.65	0.86
Guarda, Waldyr	-0.36	-0.57	1.58	0.95	-0.86	0.96	1.03
Hayden, Matthew	-0.06	-1.51	-0.63	-0.35	-0.08	-0.04	0.51
Kobrinetz, Joaquin J.	0.74	-0.59	-1.03	0.25	0.34	0.20	0.37
Lonsway, Chris	-0.56	-0.08	0.18	0.35	-1.75	-0.16	-1.60
Lopez, Frank	-0.56	0.22	0.28	0.25	0.86	-2.33	-1.57
Rodriguez, Jesus (Jesse)	0.24	-1.02	-1.03	-0.55	1.13	0.40	0.14
Seiz, Ray	-0.56	-1.62	0.08	1.25	1.44	-0.76	0.60
Terrado, Ken	0.34	-0.70	0.98	0.35	-0.71	-0.72	0.06
Trevino, Robert	-0.36	1.35	0.28	-0.55	0.86	0.88	0.88
Ueta, Yuki	0.14	-1.46	-0.33	0.15	1.23	0.04	0.03
YaBin, Liu	0.04	-0.35	-1.33	1.15	0.50	-0.20	-1.20
Zalewski, John	-0.56	-0.24	0.38	0.95	0.71	-1.57	-0.88
MAXIMUM	0.74	-1.51	1.68	-0.55	-1.75	-2.33	-1.60
MINIMUM	-0.06	-0.08	0.18	0.25	-0.08	-0.04	0.14
RANGE(MAX-MIN)	0.800	-1.428	1.500	-0.800	-1.676	-2.288	-1.739
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	0.475	1.000	0.891	0.407	1.000	1.000	1.000
N SIZE	16.000						

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Part ID= A6 - GMOD PISTON

Rated Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	THTOT	ATTOT
Aguirre, Nancy P	2.05	7.06	9.44	0.84	9.19	9.83	9.90
Arrizon, Richard	1.51	6.18	9.67	0.75	9.01	9.72	9.90
Castillo, George	2.27	7.06	9.82	0.75	9.05	9.78	10.00
De Armas, Raymond	1.60	5.83	9.86	0.84	8.93	9.90	9.90
Guarda, Waldyr	1.44	5.61	9.79	0.93	8.64	9.75	10.00
Hayden, Matthew	2.21	6.25	9.35	0.75	8.92	9.64	9.97
Kobrinetz, Joaquin J.	2.03	6.47	9.30	0.81	8.92	9.77	9.97
Lonsway, Chris	1.58	6.38	9.73	0.84	8.81	9.59	9.90
Lopez, Frank	1.06	6.90	9.79	0.91	9.28	9.48	9.90
Rodriguez, Jesus (Jesse)	2.05	6.24	9.20	0.75	8.82	9.68	9.90
Seiz, Ray	1.44	6.51	9.13	0.84	8.83	9.55	9.96
Terrado, Ken	2.11	6.15	9.64	0.84	8.85	9.59	9.90
Trevino, Robert	2.49	7.06	9.49	0.75	9.26	9.72	9.99
Ueta, Yuki	2.44	6.81	9.31	1.00	8.65	9.80	9.90
Veiga, Victor	1.20	7.51	9.86	0.84	9.07	9.71	9.90
YaBin, Liu	2.33	6.93	9.23	0.75	8.75	9.90	9.90
Zalewski, John	2.44	6.38	9.78	0.90	8.99	9.62	9.90
MAXIMUM	2.49	7.06	9.82	0.91	9.28	9.83	10.00
MINIMUM	1.06	6.24	9.20	0.75	8.81	9.48	9.90
RANGE(MAX-MIN)	1.430	0.820	0.620	0.160	0.470	0.350	0.100
MEAN	1.968	6.678	9.515	0.800	9.031	9.686	9.941
STANDARD DEVIATION	0.450	0.377	0.237	0.100	0.192	0.114	0.100
N SIZE	17.000						

Part ID= A6 - GMOD PISTON

A6 Y1 Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	THTOT	ATTOT
Aguirre, Nancy P	0.18	1.02	-0.32	0.40	0.83	1.26	-0.41
Arrizon, Richard	-1.02	-1.32	0.65	-0.50	-0.11	0.30	-0.41
Castillo, George	0.67	1.02	1.29	-0.50	0.10	0.82	0.59
De Armas, Raymond	-0.82	-2.25	1.45	0.40	-0.53	1.87	-0.41
Guarda, Waldyr	-1.17	-2.83	1.16	1.30	-2.04	0.56	0.59
Hayden, Matthew	0.54	-1.13	-0.70	-0.50	-0.58	-0.40	0.29
Kobrinetz, Joaquin J.	0.14	-0.55	-0.91	0.10	-0.58	0.73	0.29
Lonsway, Chris	-0.86	-0.79	0.91	0.40	-1.15	-0.84	-0.41
Lopez, Frank	-2.02	0.59	1.16	1.10	1.30	-1.80	-0.41
Rodriguez, Jesus (Jesse)	0.18	-1.16	-1.33	-0.50	-1.10	-0.05	-0.41
Seiz, Ray	-1.17	-0.44	-1.62	0.40	-1.05	-1.19	0.19
Terrado, Ken	0.32	-1.40	0.53	0.40	-0.94	-0.84	-0.41
Trevino, Robert	1.16	1.02	-0.11	-0.50	1.19	0.30	0.49
Ueta, Yuki	1.05	0.35	-0.86	2.00	-1.99	0.99	-0.41
Veiga, Victor	-1.71	2.21	1.45	0.40	0.20	0.21	-0.41
YaBin, Liu	0.81	0.67	-1.20	-0.50	-1.46	1.87	-0.41
Zalewski, John	1.05	-0.79	1.12	1.00	-0.21	-0.58	-0.41
MAXIMUM	-2.02	-1.16	-1.33	1.10	1.30	-1.80	0.59
MINIMUM	0.14	-0.55	-0.11	0.10	0.10	-0.05	0.29
RANGE(MAX-MIN)	-2.158	-0.610	-1.223	1.000	1.198	-1.749	0.300
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	0.602	1.000	1.000	0.452
N SIZE	17.000						

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Part ID= B1 - SEQUENCE IIIG PISTON

Rated Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	THTOT	ATTOT
Barrera, Tony	0.74	2.00	7.72	0.92	1.61	9.51	9.89
Bolaney, Jonathan	0.75	1.79	8.08	1.44	1.46	9.78	9.86
Brawley, Greg	0.75	1.93	8.05	1.15	2.25	9.82	9.89
Broff, Andy	0.75	1.72	7.26	0.76	1.56	9.80	10.00
Cales, Jonathon	0.75	1.64	7.68	0.91	1.59	9.76	9.90
Caproni, David	0.69	2.13	7.73	1.13	2.10	9.70	9.90
Castillo, George	0.75	1.92	8.22	0.99	1.87	9.80	9.98
Cumberworth, Lee	0.75	1.47	7.43	1.21	1.46	9.69	9.90
De Armas, Raymond	0.75	2.24	6.96	1.06	3.63	9.58	9.90
DeCapite, Vanessa	0.75	1.75	7.93	0.99	1.40	9.89	9.95
Dominguez, Lucio	0.75	1.68	7.39	0.83	1.36	9.63	9.89
Foecking, Brian	0.75	1.91	7.82	1.01	1.58	9.84	9.90
Guarda, Waldyr	0.69	1.54	7.86	1.05	1.99	9.80	9.57
Hayden, Matthew	0.75	1.81	7.04	0.97	1.95	9.87	9.80
Kobrinetz, Joaquin J.	0.75	1.85	7.92	1.01	1.84	9.93	9.75
Liang, Chen	0.68	1.70	7.38	1.05	1.87	9.64	9.77
Lopez, Frank	0.75	1.60	8.24	0.98	1.67	9.90	9.85
Price, Gregory	0.75	1.74	7.41	1.13	1.50	9.66	9.83
Rodriguez, Jesus (Jesse)	0.75	1.90	7.53	0.81	1.53	9.72	9.90
Sablad, Bertrand	0.88	1.72	9.00	0.79	1.82	10.00	9.80
Sanchez, Arthur	0.71	1.70	7.92	0.89	1.95	9.77	9.90
Seiz, Ray	0.75	1.90	7.73	0.94	2.07	9.99	9.69
Veiga, Victor	0.75	1.85	7.94	1.17	1.91	9.67	9.90
MAXIMUM	0.75	2.13	8.24	1.13	2.10	9.93	9.98
MINIMUM	0.69	1.60	7.04	0.81	1.36	9.51	9.75
RANGE(MAX-MIN)	0.060	0.530	1.200	0.320	0.740	0.420	0.230
MEAN	0.741	1.824	7.762	0.953	1.704	9.777	9.884
STANDARD DEVIATION	0.100	0.158	0.336	0.100	0.234	0.123	0.100
N SIZE	23.000						

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Part ID= B1 - SEQUENCE IIIG PISTON

B1 Yi Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	THTOT	ATTOT
Barrera, Tony	-0.01	1.12	-0.12	-0.33	-0.40	-2.17	0.06
Bolaney, Jonathan	0.09	-0.22	0.95	4.57	-1.04	0.03	-0.24
Brawley, Greg	0.09	0.67	0.86	1.97	2.33	0.35	0.06
Broff, Andy	0.09	-0.66	-1.49	-1.93	-0.62	0.19	1.16
Cales, Jonathon	0.09	-1.17	-0.24	-0.43	-0.49	-0.14	0.16
Caproni, David	-0.51	1.94	-0.09	1.77	1.69	-0.62	0.16
Castillo, George	0.09	0.61	1.36	0.37	0.71	0.19	0.96
Cumberworth, Lee	0.09	-2.25	-0.99	2.57	-1.04	-0.70	0.16
De Armas, Raymond	0.09	2.64	-2.39	1.07	8.22	-1.60	0.16
DeCapite, Vanessa	0.09	-0.47	0.50	0.37	-1.30	0.92	0.66
Dominguez, Lucio	0.09	-0.91	-1.11	-1.23	-1.47	-1.19	0.06
Foecking, Brian	0.09	0.54	0.17	0.57	-0.53	0.51	0.16
Guarda, Waldyr	-0.51	-1.80	0.29	0.97	1.22	0.19	-3.14
Hayden, Matthew	0.09	-0.09	-2.15	0.17	1.05	0.76	-0.84
Kobrinetz, Joaquin J.	0.09	0.16	0.47	0.57	0.58	1.24	-1.34
Liang, Chen	-0.61	-0.79	-1.14	0.97	0.71	-1.11	-1.14
Lopez, Frank	0.09	-1.42	1.42	0.27	-0.15	1.00	-0.34
Price, Gregory	0.09	-0.53	-1.05	1.77	-0.87	-0.95	-0.54
Rodriguez, Jesus (Jesse)	0.09	0.48	-0.69	-1.43	-0.74	-0.46	0.16
Sablad, Bertrand	1.39	-0.66	3.68	-1.63	0.49	1.81	-0.84
Sanchez, Arthur	-0.31	-0.79	0.47	-0.63	1.05	-0.05	0.16
Seiz, Ray	0.09	0.48	-0.09	-0.13	1.56	1.73	-1.94
Veiga, Victor	0.09	0.16	0.53	2.17	0.88	-0.87	0.16
MAXIMUM	-0.51	1.94	-2.15	1.77	1.69	-2.17	-1.34
MINIMUM	-0.01	-0.09	-0.09	0.17	-0.15	-0.05	0.06
RANGE(MAX-MIN)	-0.500	2.029	-2.053	1.600	1.836	-2.111	-1.400
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	0.198	1.000	1.000	0.874	1.000	1.000	0.611
N SIZE	23.000						

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Part ID= B2 - SEQUENCE IIIG PISTON

Rated Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	THTOT	ATTOT
Barrera, Tony	3.66	1.03	9.34	0.83	3.33	8.94	9.55
Brawley, Greg	3.90	1.05	8.82	0.86	3.12	8.56	9.57
Broff, Andy	3.26	2.18	9.34	0.75	3.64	9.30	9.85
Cales, Jonathon	4.03	1.03	8.60	0.92	3.96	9.39	9.65
Caproni, David	3.94	1.50	9.53	1.07	3.94	9.35	9.72
Castillo, George	3.38	1.55	9.80	0.81	3.86	9.49	9.70
Cumberworth, Lee	3.06	1.15	9.36	0.91	2.75	9.54	9.63
De Armas, Raymond	4.28	1.69	8.99	1.10	5.04	9.75	9.76
DeCapite, Vanessa	3.47	1.16	9.16	0.84	3.60	9.63	9.81
Dominguez, Lucio	3.37	1.01	9.56	0.69	2.91	9.55	9.71
Foecking, Brian	3.39	1.19	9.63	0.89	3.17	9.48	9.62
Guarda, Waldyr	3.91	1.03	9.55	0.90	3.17	9.24	9.52
Hayden, Matthew	2.78	1.04	8.91	0.93	3.88	9.41	9.70
Kobrinetz, Joaquin J.	3.45	1.23	9.65	0.86	3.74	9.38	9.71
Liang, Chen	3.65	1.07	8.70	0.92	3.97	9.43	9.57
Lopez, Frank	3.89	1.30	9.65	0.85	3.56	9.21	9.63
Rodriguez, Edward	3.65	1.03	9.19	0.84	3.08	8.95	9.35
Rodriguez, Jesus (Jesse)	3.24	1.11	9.33	0.86	3.53	9.21	9.61
Sablada, Bertrand	4.82	1.66	8.55	2.02	3.85	8.00	9.70
Sanchez, Arthur	3.18	1.22	9.38	0.91	3.78	9.03	9.29
Seiz, Ray	2.98	1.02	9.11	0.81	3.48	9.39	9.75
Veiga, Victor	3.17	1.21	9.76	0.94	3.35	9.52	9.82
MAXIMUM	4.03	1.55	9.80	1.07	3.96	9.63	9.81
MINIMUM	2.78	1.01	8.60	0.69	2.91	8.94	9.29
RANGE(MAX-MIN)	1.250	0.540	1.200	0.380	1.050	0.690	0.520
MEAN	3.482	1.198	9.378	0.872	3.605	9.339	9.642
STANDARD DEVIATION	0.355	0.179	0.347	0.100	0.328	0.207	0.129
N SIZE	22.000						

Part ID= B2 - SEQUENCE IIIG PISTON

B2 YI Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	THTOT	ATTOT
Barrera, Tony	0.50	-0.94	-0.11	-0.42	-0.84	-1.93	-0.71
Brawley, Greg	1.18	-0.82	-1.61	-0.12	-1.48	-3.77	-0.55
Broff, Andy	-0.63	5.48	-0.11	-1.22	0.11	-0.19	1.61
Cales, Jonathon	1.55	-0.94	-2.25	0.48	1.08	0.25	0.06
Caproni, David	1.29	1.69	0.44	1.98	1.02	0.05	0.61
Castillo, George	-0.29	1.97	1.22	-0.62	0.78	0.73	0.45
Cumberworth, Lee	-1.19	-0.27	-0.05	0.38	-2.61	0.97	-0.09
De Armas, Raymond	2.25	2.75	-1.12	2.28	4.38	1.99	0.91
DeCapite, Vanessa	-0.03	-0.21	-0.63	-0.32	-0.02	1.41	1.30
Dominguez, Lucio	-0.31	-1.05	0.52	-1.82	-2.12	1.02	0.53
Foecking, Brian	-0.26	-0.04	0.73	0.18	-1.33	0.68	-0.17
Guarda, Waldyr	1.21	-0.94	0.50	0.28	-1.33	-0.48	-0.94
Hayden, Matthew	-1.98	-0.88	-1.35	0.58	0.84	0.34	0.45
Kobrinetz, Joaquin J.	-0.09	0.18	0.78	-0.12	0.41	0.20	0.53
Liang, Chen	0.47	-0.71	-1.96	0.48	1.11	0.44	-0.55
Lopez, Frank	1.15	0.57	0.78	-0.22	-0.14	-0.63	-0.09
Rodriguez, Edward	0.47	-0.94	-0.54	-0.32	-1.60	-1.88	-2.25
Rodriguez, Jesus (Jesse)	-0.68	-0.49	-0.14	-0.12	-0.23	-0.63	-0.24
Sablada, Bertrand	3.77	2.58	-2.39	11.48	0.75	-6.48	0.45
Sanchez, Arthur	-0.85	0.13	0.00	0.38	0.53	-1.50	-2.72
Seiz, Ray	-1.41	-0.99	-0.77	-0.62	-0.38	0.25	0.84
Veiga, Victor	-0.88	0.07	1.10	0.68	-0.78	0.88	1.38
MAXIMUM	-1.98	1.97	-2.25	1.98	-2.12	-1.93	-2.72
MINIMUM	-0.03	-0.04	0.00	-0.12	-0.02	0.05	0.06
RANGE(MAX-MIN)	-1.946	2.010	-2.251	2.100	-2.104	-1.985	-2.781
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	0.890	1.000	1.000	1.000
N SIZE	22.000						

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Part ID= B3 - SEQUENCE IIIH PISTON

Rated Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	FRTOT	RRTOT	
Barrera, Tony	1.58	1.25	8.11	3.97	1.57	9.85	9.74	
Bolaney, Jonathan	1.40	0.91	8.09	3.46	1.43	9.90	9.85	
Brawley, Greg	1.88	1.54	8.18	3.79	1.69	9.86	9.79	
Broff, Andy	2.01	1.10	8.77	4.91	1.62	9.98	9.82	
Cales, Jonathon	1.96	0.94	8.25	4.09	1.41	9.89	9.56	
Caproni, David	1.72	0.99	8.19	4.42	1.69	9.90	9.75	
Castillo, George	1.73	1.29	8.47	4.31	1.59	9.99	9.86	
Cumberworth, Lee	1.56	0.95	7.97	3.34	1.35	9.88	9.72	
De Armas, Raymond	0.75	2.32	7.14	4.66	1.98	9.90	9.89	
DeCapite, Vanessa	1.42	1.00	8.01	3.45	1.68	9.84	9.95	
Dominguez, Lucio	1.27	0.87	7.94	2.89	1.18	9.98	9.89	
Foecking, Brian	1.44	1.09	8.08	4.32	1.36	9.82	9.66	
Guarda, Waldyr	2.11	1.03	8.36	2.83	1.41	9.70	9.32	
Hayden, Matthew	2.23	1.01	7.57	3.73	1.43	9.84	9.68	
Kobrinetz, Joaquin J.	1.43	1.06	8.16	4.36	1.55	9.75	9.43	
Liang, Chen	1.63	1.12	8.04	4.17	1.48	9.71	9.45	
Lopez, Frank	0.75	0.82	8.31	3.94	1.47	9.90	9.75	
Price, Gregory	1.67	1.11	7.86	3.55	1.37	9.77	9.67	
Rodriguez, Edward	1.15	0.77	8.04	3.42	1.27	9.83	9.59	
Rodriguez, Jesus (Jesse)	0.84	0.92	7.82	3.83	1.50	9.89	9.72	
Sablad, Bertrand	3.20	2.76	8.25	3.71	1.81	9.70	8.93	
Sanchez, Arthur	0.75	1.00	8.24	3.38	1.30	9.76	9.69	
Seiz, Ray	0.71	0.95	7.65	4.11	1.75	9.98	9.95	
Veiga, Víctor	0.75	0.75	8.25	3.66	1.55	9.89	9.79	
MAXIMUM	2.23	1.29	8.47	4.42	1.69	9.99	9.95	
MINIMUM	0.75	0.82	7.57	2.89	1.18	9.75	9.43	
RANGE(MAX-MIN)	1.480	0.470	0.900	1.530	0.510	0.240	0.520	
MEAN	1.427	1.020	8.096	3.891	1.478	9.868	9.723	
STANDARD DEVIATION	0.469	0.139	0.239	0.467	0.152	0.100	0.141	
N SIZE	24.000							

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Part ID= B3 - SEQUENCE IIIH PISTON

B3 Yi Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	FRTOT	RRTOT
Barrera, Tony	0.33	1.65	0.06	0.17	0.61	-0.18	0.12
Bolaney, Jonathan	-0.06	-0.79	-0.02	-0.92	-0.31	0.33	0.90
Brawley, Greg	0.97	3.52	0.35	-0.22	1.40	-0.08	0.47
Broff, Andy	1.24	0.57	2.82	2.18	0.94	1.13	0.68
Cales, Jonathon	1.14	-0.57	0.65	0.43	-0.44	0.23	-1.16
Caproni, David	0.63	-0.22	0.39	1.13	1.40	0.33	0.19
Castillo, George	0.65	1.94	1.57	0.90	0.74	1.23	0.97
Cumberworth, Lee	0.28	-0.50	-0.53	-1.18	-0.84	0.13	-0.02
De Armas, Raymond	-1.44	9.34	-4.00	1.65	3.31	0.33	1.18
DeCapite, Vanessa	-0.01	-0.14	-0.36	-0.94	1.33	-0.28	1.61
Dominguez, Lucio	-0.33	-1.08	-0.65	-2.14	-1.96	1.13	1.18
Foecking, Brian	0.03	0.50	-0.07	0.92	-0.77	-0.48	-0.45
Guarda, Waldyr	1.46	0.07	1.11	-2.27	-0.44	-1.68	-2.86
Hayden, Matthew	1.71	-0.07	-2.20	-0.34	-0.31	-0.28	-0.31
Kobrinetz, Joaquin J.	0.01	0.29	0.27	1.01	0.48	-1.18	-2.08
Liang, Chen	0.43	0.72	-0.23	0.60	0.02	-1.58	-1.94
Lopez, Frank	-1.44	-1.44	0.90	0.11	-0.05	0.33	0.19
Price, Gregory	0.52	0.65	-0.99	-0.73	-0.71	-0.98	-0.38
Rodriguez, Edward	-0.59	-1.80	-0.23	-1.01	-1.37	-0.38	-0.94
Rodriguez, Jesus (Jesse)	-1.25	-0.72	-1.15	-0.13	0.15	0.23	-0.02
Sablad, Bertrand	3.78	12.50	0.65	-0.39	2.19	-1.68	-5.62
Sanchez, Arthur	-1.44	-0.14	0.60	-1.09	-1.17	-1.08	-0.24
Seiz, Ray	-1.53	-0.50	-1.87	0.47	1.79	1.13	1.61
Veiga, Víctor	-1.44	-1.94	0.65	-0.49	0.48	0.23	0.47
MAXIMUM	1.71	1.94	-2.20	-2.14	-1.96	1.23	-2.08
MINIMUM	0.01	-0.07	0.06	0.11	-0.05	-0.18	-0.02
RANGE(MAX-MIN)	1.707	2.012	-2.260	-2.250	-1.909	1.400	-2.054
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	0.740	1.000
N SIZE	24.000						

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Part ID= B4 - SEQUENCE IIIH PISTON

Rated Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	FRTOT	RRTOT
Barrera, Tony	1.42	4.39	9.44	4.69	8.82	9.90	9.90
Brawley, Greg	1.18	4.37	9.23	3.58	9.23	9.90	9.88
Broff, Andy	0.78	5.00	9.60	4.60	9.48	10.00	10.00
Cales, Jonathon	1.40	4.90	9.78	4.82	9.34	9.90	9.90
Caproni, David	1.24	6.09	9.60	5.27	8.86	9.90	9.90
Castillo, George	1.30	5.41	9.57	5.31	9.64	9.99	9.99
Cumberworth, Lee	1.17	3.63	9.44	4.50	9.44	9.90	9.90
De Armas, Raymond	0.75	3.92	9.87	5.39	9.38	9.90	9.90
DeCapite, Vanessa	1.20	4.58	9.68	4.65	9.51	9.94	9.94
Dominguez, Lucio	0.98	4.80	9.23	4.19	9.42	9.90	9.90
Foecking, Brian	1.19	4.88	9.72	4.28	9.30	9.90	9.90
Guarda, Waldyr	1.21	5.33	9.59	3.97	9.25	10.00	10.00
Hayden, Matthew	1.58	4.35	9.49	5.09	8.98	9.90	9.87
Kobrinetz, Joaquin J.	1.24	5.19	9.62	4.66	9.47	9.95	9.95
Liang, Chen	1.69	4.90	9.27	5.06	9.17	9.80	9.80
Lopez, Frank	0.75	4.99	9.40	4.23	9.60	9.90	10.00
Rodriguez, Edward	0.96	4.24	9.37	4.37	9.31	9.97	9.97
Rodriguez, Jesus (Jesse)	0.79	4.37	9.28	4.81	9.50	9.90	9.90
Sablada, Bertrand	1.85	4.66	9.20	3.72	8.94	10.00	10.00
Sanchez, Arthur	0.75	5.59	9.65	4.83	9.27	9.90	9.90
Seiz, Ray	0.75	4.95	9.63	5.54	8.82	9.98	9.98
Veiga, Victor	0.86	4.96	9.48	4.26	9.19	9.90	9.90
MAXIMUM	1.58	6.09	9.78	5.31	9.64	9.99	10.00
MINIMUM	0.75	4.35	9.23	4.19	8.82	9.90	9.87
RANGE(MAX-MIN)	0.830	1.740	0.550	1.120	0.820	0.090	0.130
MEAN	1.153	4.962	9.538	4.736	9.309	9.915	9.921
STANDARD DEVIATION	0.277	0.536	0.173	0.374	0.280	0.100	0.100
N SIZE	22.000						

Part ID= B4 - SEQUENCE IIIH PISTON

B4 YI Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	FRTOT	RRTOT
Barrera, Tony	0.96	-1.07	-0.57	-0.12	-1.75	-0.15	-0.21
Brawley, Greg	0.10	-1.10	-1.78	-3.09	-0.28	-0.15	-0.41
Broff, Andy	-1.35	0.07	0.36	-0.36	0.61	0.85	0.79
Cales, Jonathon	0.89	-0.12	1.40	0.23	0.11	-0.15	-0.21
Caproni, David	0.31	2.11	0.36	1.43	-1.61	-0.15	-0.21
Castillo, George	0.53	0.84	0.18	1.54	1.18	0.75	0.69
Cumberworth, Lee	0.06	-2.49	-0.57	-0.63	0.47	-0.15	-0.21
De Armas, Raymond	-1.46	-1.95	1.92	1.75	0.25	-0.15	-0.21
DeCapite, Vanessa	0.17	-0.71	0.82	-0.23	0.72	0.25	0.19
Dominguez, Lucio	-0.63	-0.30	-1.78	-1.46	0.40	-0.15	-0.21
Foecking, Brian	0.13	-0.15	1.05	-1.22	-0.03	-0.15	-0.21
Guarda, Waldyr	0.20	0.69	0.30	-2.05	-0.21	0.85	0.79
Hayden, Matthew	1.54	-1.14	-0.28	0.95	-1.18	-0.15	-0.51
Kobrinetz, Joaquin J.	0.31	0.43	0.47	-0.20	0.57	0.35	0.29
Liang, Chen	1.94	-0.12	-1.55	0.87	-0.50	-1.15	-1.21
Lopez, Frank	-1.46	0.05	-0.80	-1.35	1.04	-0.15	0.79
Rodriguez, Edward	-0.70	-1.35	-0.97	-0.98	0.00	0.55	0.49
Rodriguez, Jesus (Jesse)	-1.31	-1.10	-1.50	0.20	0.68	-0.15	-0.21
Sablada, Bertrand	2.52	-0.56	-1.96	-2.72	-1.32	0.85	0.79
Sanchez, Arthur	-1.46	1.17	0.65	0.25	-0.14	-0.15	-0.21
Seiz, Ray	-1.46	-0.02	0.53	2.15	-1.75	0.65	0.59
Veiga, Victor	-1.06	0.00	-0.34	-1.27	-0.43	-0.15	-0.21
MAXIMUM	1.54	2.11	-1.78	1.54	-1.75	0.75	0.79
MINIMUM	0.13	0.05	0.18	-0.12	-0.03	-0.15	0.19
RANGE(MAX-MIN)	1.410	2.054	-1.968	1.658	-1.716	0.900	0.600
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	0.294	0.403
N SIZE	22.000						

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Part ID= B5 - GMOD PISTON

Rated Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	THTOT	ATTOT
Barrera, Tony	1.48	1.17	9.25	0.94	7.48	9.61	9.93
Brawley, Greg	1.32	1.13	9.44	0.96	7.44	9.81	9.89
Broff, Andy	1.41	1.31	9.50	0.75	7.79	9.88	10.00
Cales, Jonathon	0.94	1.20	9.46	0.84	8.48	9.72	9.90
Caproni, David	1.26	1.32	9.58	1.18	8.04	9.67	9.90
Castillo, George	1.40	1.55	9.79	0.86	8.10	9.88	9.99
De Armas, Raymond	1.18	1.27	9.55	1.00	7.59	9.77	9.90
DeCapite, Vanessa	1.13	1.33	9.14	0.93	8.35	9.78	9.95
Dominguez, Lucio	1.00	1.07	9.41	0.93	7.34	9.83	9.90
Foecking, Brian	1.31	1.42	9.57	1.02	7.48	9.63	9.90
Guarda, Waldyr	1.04	1.12	9.63	0.99	8.04	9.93	9.81
Hayden, Matthew	1.05	1.12	8.85	0.83	7.89	9.84	9.90
Kobrinetz, Joaquin J.	1.58	1.18	9.49	0.86	7.85	9.79	9.95
Liang, Chen	1.40	1.25	8.88	0.83	7.30	9.67	9.77
Lopez, Frank	1.16	0.91	9.62	0.81	8.31	9.60	9.90
Price, Gregory	1.18	1.20	9.44	1.08	7.88	9.55	9.77
Rodriguez, Edward	1.27	1.06	9.03	0.84	7.39	9.59	9.88
Rodriguez, Jesus (Jesse)	1.06	1.32	9.08	0.75	8.08	9.81	9.86
Sanchez, Arthur	1.13	1.29	9.61	0.90	8.62	9.70	9.90
Seiz, Ray	0.86	1.34	9.31	0.88	8.22	9.71	9.92
MAXIMUM	1.58	1.55	9.79	1.18	8.62	9.88	9.99
MINIMUM	0.94	0.91	8.85	0.75	7.34	9.60	9.86
RANGE(MAX-MIN)	0.640	0.640	0.940	0.430	1.280	0.280	0.130
MEAN	1.208	1.240	9.404	0.904	8.002	9.738	9.915
STANDARD DEVIATION	0.200	0.169	0.272	0.112	0.411	0.100	0.100
N SIZE	20.000						

Part ID= B5 - GMOD PISTON

B5 Y1 Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	THTOT	ATTOT
Barrera, Tony	1.36	-0.41	-0.57	0.32	-1.27	-1.28	0.15
Brawley, Greg	0.56	-0.65	0.13	0.50	-1.37	0.72	-0.25
Broff, Andy	1.01	0.41	0.35	-1.38	-0.51	1.42	0.85
Cales, Jonathon	-1.34	-0.24	0.21	-0.57	1.16	-0.18	-0.15
Caproni, David	0.26	0.47	0.65	2.46	0.09	-0.68	-0.15
Castillo, George	0.96	1.83	1.42	-0.39	0.24	1.42	0.75
De Armas, Raymond	-0.14	0.18	0.54	0.85	-1.00	0.32	-0.15
DeCapite, Vanessa	-0.39	0.53	-0.97	0.23	0.85	0.42	0.35
Dominguez, Lucio	-1.04	-1.01	0.02	0.23	-1.61	0.92	-0.15
Foecking, Brian	0.51	1.07	0.61	1.03	-1.27	-1.08	-0.15
Guarda, Waldyr	-0.84	-0.71	0.83	0.77	0.09	1.92	-1.05
Hayden, Matthew	-0.79	-0.71	-2.04	-0.66	-0.27	1.02	-0.15
Kobrinetz, Joaquin J.	1.86	-0.36	0.32	-0.39	-0.37	0.52	0.35
Liang, Chen	0.96	0.06	-1.93	-0.66	-1.71	-0.68	-1.45
Lopez, Frank	-0.24	-1.95	0.79	-0.84	0.75	-1.38	-0.15
Price, Gregory	-0.14	-0.24	0.13	1.57	-0.30	-1.88	-1.45
Rodriguez, Edward	0.31	-1.07	-1.38	-0.57	-1.49	-1.48	-0.35
Rodriguez, Jesus (Jesse)	-0.74	0.47	-1.19	-1.38	0.19	0.72	-0.55
Sanchez, Arthur	-0.39	0.30	0.76	-0.04	1.50	-0.38	-0.15
Seiz, Ray	-1.74	0.59	-0.35	-0.22	0.53	-0.28	0.05
MAXIMUM	1.86	-1.95	-2.04	2.46	-1.61	1.42	0.75
MINIMUM	-0.24	-0.24	0.02	-0.04	0.09	-0.18	0.15
RANGE(MAX-MIN)	2.103	-1.716	-2.061	2.497	-1.701	1.600	0.600
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	0.964	0.342
N SIZE	20.000						

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Part ID= B6 - GMOD PISTON

Rated Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	THTOT	ATTOT
Barrera, Tony	0.86	1.92	9.70	0.87	6.77	8.55	9.72
Brawley, Greg	1.01	1.66	9.85	0.75	6.23	9.31	9.52
Broff, Andy	0.94	1.54	9.85	0.75	6.57	8.33	9.62
Cales, Jonathon	0.86	1.78	9.90	0.84	6.76	8.24	9.55
Caproni, David	0.88	1.82	9.80	0.93	6.80	8.68	9.46
Castillo, George	1.30	2.09	9.98	0.75	6.62	8.80	9.82
De Armas, Raymond	1.37	1.75	9.90	1.27	6.19	9.21	9.64
DeCapite, Vanessa	1.13	1.98	9.86	0.84	6.83	8.94	9.69
Dominguez, Lucio	0.81	1.68	9.78	0.83	6.45	8.79	9.62
Foecking, Brian	1.19	1.99	9.90	0.94	6.32	8.25	9.42
Guarda, Waldyr	0.96	1.66	9.87	1.15	7.12	8.55	9.53
Hayden, Matthew	0.92	1.68	9.80	0.98	6.94	8.68	9.49
Kobrinetz, Joaquin J.	1.17	1.81	9.74	0.91	6.96	8.76	9.64
Liang, Chen	1.03	1.64	9.74	0.94	6.17	8.94	9.49
Lopez, Frank	0.92	1.51	9.90	0.75	6.83	8.15	9.39
Price, Gregory	1.01	1.79	9.76	1.08	6.55	8.61	9.60
Rodriguez, Jesus (Jesse)	0.99	1.74	9.85	0.75	6.78	9.08	9.69
Sanchez, Arthur	1.18	1.58	9.88	0.75	7.03	8.85	9.67
Seiz, Ray	0.95	1.78	9.86	0.89	6.37	8.54	9.68
Veiga, Victor	0.93	1.87	9.90	0.94	6.96	8.64	9.63
MAXIMUM	1.30	2.09	9.98	0.98	7.03	9.08	9.82
MINIMUM	0.81	1.51	9.70	0.75	6.32	8.15	9.39
RANGE(MAX-MIN)	0.490	0.580	0.280	0.230	0.710	0.930	0.430
MEAN	1.018	1.798	9.841	0.845	6.758	8.648	9.597
STANDARD DEVIATION	0.166	0.174	0.100	0.100	0.206	0.294	0.134
N SIZE	20.000						

Part ID= B6 - GMOD PISTON

B6 Y1 Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	THTOT	ATTOT
Barrera, Tony	-0.95	0.70	-1.41	0.25	0.06	-0.33	0.92
Brawley, Greg	-0.05	-0.80	0.09	-0.95	-2.56	2.25	-0.57
Broff, Andy	-0.47	-1.49	0.09	-0.95	-0.91	-1.08	0.17
Cales, Jonathon	-0.95	-0.11	0.59	-0.05	0.01	-1.38	-0.35
Caproni, David	-0.83	0.12	-0.41	0.85	0.21	0.11	-1.02
Castillo, George	1.70	1.68	1.39	-0.95	-0.67	0.52	1.67
De Armas, Raymond	2.12	-0.28	0.59	4.25	-2.76	1.91	0.32
DeCapite, Vanessa	0.68	1.04	0.19	-0.05	0.35	0.99	0.70
Dominguez, Lucio	-1.25	-0.68	-0.61	-0.15	-1.49	0.48	0.17
Foecking, Brian	1.04	1.10	0.59	0.95	-2.12	-1.35	-1.32
Guarda, Waldyr	-0.35	-0.80	0.29	3.05	1.76	-0.33	-0.50
Hayden, Matthew	-0.59	-0.68	-0.41	1.35	0.89	0.11	-0.80
Kobrinetz, Joaquin J.	0.92	0.07	-1.01	0.65	0.98	0.38	0.32
Liang, Chen	0.08	-0.91	-1.01	0.95	-2.85	0.99	-0.80
Lopez, Frank	-0.59	-1.66	0.59	-0.95	0.35	-1.69	-1.55
Price, Gregory	-0.05	-0.05	-0.81	2.35	-1.01	-0.13	0.02
Rodriguez, Jesus (Jesse)	-0.17	-0.34	0.09	-0.95	0.11	1.47	0.70
Sanchez, Arthur	0.98	-1.26	0.39	-0.95	1.32	0.69	0.55
Seiz, Ray	-0.41	-0.11	0.19	0.45	-1.88	-0.37	0.62
Veiga, Victor	-0.53	0.41	0.59	0.95	0.98	-0.03	0.25
MAXIMUM	1.70	1.68	-1.41	1.35	-2.12	-1.69	1.67
MINIMUM	-0.17	0.07	0.09	-0.05	0.01	0.11	0.17
RANGE(MAX-MIN)	1.867	1.610	-1.500	1.400	-2.137	-1.801	1.497
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	0.791	0.830	1.000	1.000	1.000
N SIZE	20.000						

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Part ID= C1 - SEQUENCE IIIG PISTON

Rated Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	THTOT	ATTOT
Aguirre, Nancy P	3.70	0.68	9.18	0.87	3.57	9.81	9.89
Barrera, Tony	3.07	0.65	8.84	0.82	3.03	9.66	9.93
Bolaney, Jonathan	3.04	0.63	9.03	0.98	2.21	9.76	9.88
Brawley, Greg	3.29	0.57	8.99	1.15	2.90	9.83	9.90
Broff, Andy	2.97	1.20	8.54	0.78	6.27	9.93	10.00
Cales, Jonathon	3.12	0.62	9.03	1.04	2.86	9.83	9.90
Caproni, David	3.08	0.69	8.92	1.01	3.48	9.62	9.90
Castillo, George	3.33	0.70	9.36	1.01	3.17	9.81	10.00
DeCapite, Vanessa	3.35	0.64	8.66	0.93	2.76	9.90	9.95
Dominguez, Lucio	3.32	0.67	8.92	0.85	2.91	9.81	9.90
Foecking, Brian	3.53	0.67	9.20	1.00	2.90	9.78	9.90
Kobrinetz, Joaquin J.	2.98	0.68	8.98	0.90	3.25	9.71	9.93
Liang, Chen	2.88	0.62	8.84	0.77	2.97	9.80	9.38
Lonsway, Chris	2.62	0.67	9.01	0.99	2.54	9.53	9.90
Price, Gregory	2.74	0.67	8.66	0.93	2.77	9.79	9.87
Sanchez, Arthur	3.32	0.70	9.26	0.98	2.62	9.79	9.90
Trevino, Robert	3.34	0.68	9.15	0.88	3.25	9.72	9.93
YaBin, Liu	3.07	0.75	9.01	0.97	2.63	8.96	9.95
Zalewski, John	3.49	0.64	8.70	0.97	3.98	9.78	9.90
MAXIMUM	3.70	0.70	9.36	1.04	3.57	9.90	10.00
MINIMUM	2.62	0.62	8.66	0.82	2.54	9.53	9.89
RANGE(MAX-MIN)	1.080	0.080	0.700	0.220	1.030	0.370	0.110
MEAN	3.230	0.671	9.043	0.940	3.028	9.748	9.919
STANDARD DEVIATION	0.279	0.100	0.197	0.100	0.324	0.104	0.100
N SIZE	19.000						

Part ID= C1 - SEQUENCE IIIG PISTON

C1 YI Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	THTOT	ATTOT
Aguirre, Nancy P	1.68	0.09	0.70	-0.70	1.67	0.60	-0.29
Barrera, Tony	-0.57	-0.21	-1.03	-1.20	0.01	-0.84	0.11
Bolaney, Jonathan	-0.68	-0.41	-0.06	0.40	-2.53	0.12	-0.39
Brawley, Greg	0.21	-1.01	-0.27	2.10	-0.40	0.80	-0.19
Broff, Andy	-0.93	5.29	-2.55	-1.60	10.02	1.76	0.81
Cales, Jonathon	-0.39	-0.51	-0.06	1.00	-0.52	0.80	-0.19
Caproni, David	-0.54	0.19	-0.62	0.70	1.40	-1.23	-0.19
Castillo, George	0.36	0.29	1.61	0.70	0.44	0.60	0.81
DeCapite, Vanessa	0.43	-0.31	-1.94	-0.10	-0.83	1.47	0.31
Dominguez, Lucio	0.32	-0.01	-0.62	-0.90	-0.37	0.60	-0.19
Foecking, Brian	1.07	-0.01	0.80	0.60	-0.40	0.31	-0.19
Kobrinetz, Joaquin J.	-0.89	0.09	-0.32	-0.40	0.69	-0.36	0.11
Liang, Chen	-1.25	-0.51	-1.03	-1.70	-0.18	0.51	-5.39
Lonsway, Chris	-2.18	-0.01	-0.17	0.50	-1.51	-2.10	-0.19
Price, Gregory	-1.75	-0.01	-1.94	-0.10	-0.80	0.41	-0.49
Sanchez, Arthur	0.32	0.29	1.11	0.40	-1.26	0.41	-0.19
Trevino, Robert	0.39	0.09	0.55	-0.60	0.69	-0.27	0.11
YaBin, Liu	-0.57	0.79	-0.17	0.30	-1.23	-7.60	0.31
Zalewski, John	0.93	-0.31	-1.74	0.30	2.94	0.31	-0.19
MAXIMUM	-2.18	-0.51	-1.94	-1.20	1.67	-2.10	0.81
MINIMUM	0.32	-0.01	-0.06	-0.10	0.01	-0.27	0.11
RANGE(MAX-MIN)	-2.506	-0.500	-1.881	-1.100	1.669	-1.834	0.700
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	0.239	1.000	0.740	1.000	1.000	0.315
N SIZE	19.000						

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Part ID= C2 - SEQUENCE IIIG PISTON

Rated Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	THTOT	ATTOT
Aguirre, Nancy P	0.75	0.75	9.84	1.14	4.16	9.82	9.90
Barrera, Tony	0.74	0.75	9.86	0.92	3.74	9.78	9.91
Bolaney, Jonathan	0.75	0.68	9.87	1.17	3.31	9.48	9.88
Brawley, Greg	0.75	0.75	9.74	1.16	2.77	9.67	9.90
Broff, Andy	0.75	0.75	9.75	0.75	5.16	9.90	10.00
Cales, Jonathon	0.74	0.71	9.80	1.03	3.15	9.74	9.90
Caproni, David	0.75	0.75	9.85	1.64	3.86	9.71	9.90
Castillo, George	0.75	0.75	9.95	0.95	3.62	9.84	10.00
Cumberworth, Lee	0.75	0.75	9.78	1.04	4.20	9.81	9.89
DeCapite, Vanessa	0.74	0.72	9.86	1.09	3.83	9.75	9.96
Dominguez, Lucio	0.75	0.75	9.74	0.90	3.29	9.83	9.90
Foecking, Brian	0.74	0.73	9.87	1.03	4.01	9.60	9.90
Kobrinetz, Joaquin J.	0.75	0.71	9.85	0.90	4.16	9.76	9.97
Liang, Chen	0.75	0.77	9.82	1.08	4.18	9.80	9.90
Lonsway, Chris	0.75	0.73	9.77	1.13	3.88	9.67	9.90
Price, Gregory	0.75	0.75	9.82	1.03	3.15	9.86	9.89
Sanchez, Arthur	0.74	0.74	9.90	0.94	3.43	9.68	9.90
Trevino, Robert	0.75	0.75	9.78	0.87	4.07	9.79	9.96
Veiga, Victor	0.74	0.75	9.90	1.27	3.85	9.78	9.90
YaBin, Liu	0.75	0.75	9.70	1.12	4.41	9.70	9.70
Zalewski, John	0.75	0.75	9.78	1.41	4.14	9.87	9.90
MAXIMUM	0.75	0.75	9.95	1.14	4.16	9.84	10.00
MINIMUM	0.74	0.71	9.74	0.87	3.15	9.60	9.90
RANGE(MAX-MIN)	0.010	0.040	0.210	0.270	1.010	0.240	0.100
MEAN	0.746	0.737	9.839	0.991	3.767	9.748	9.925
STANDARD DEVIATION	0.100	0.100	0.100	0.100	0.334	0.100	0.100
N SIZE	21.000						

Part ID= C2 - SEQUENCE IIIG PISTON

C2 YI Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	THTOT	ATTOT
Aguirre, Nancy P	0.04	0.13	0.01	1.49	1.18	0.73	-0.25
Barrera, Tony	-0.06	0.13	0.21	-0.71	-0.08	0.33	-0.15
Bolaney, Jonathan	0.04	-0.57	0.31	1.79	-1.37	-2.68	-0.45
Brawley, Greg	0.04	0.13	-0.99	1.69	-2.98	-0.78	-0.25
Broff, Andy	0.04	0.13	-0.89	-2.41	4.17	1.53	0.75
Cales, Jonathon	-0.06	-0.27	-0.39	0.39	-1.84	-0.08	-0.25
Caproni, David	0.04	0.13	0.11	6.49	0.28	-0.38	-0.25
Castillo, George	0.04	0.13	1.11	-0.41	-0.44	0.93	0.75
Cumberworth, Lee	0.04	0.13	-0.59	0.49	1.30	0.63	-0.35
DeCapite, Vanessa	-0.06	-0.17	0.21	0.99	0.19	0.03	0.35
Dominguez, Lucio	0.04	0.13	-0.99	-0.91	-1.43	0.83	-0.25
Foecking, Brian	-0.06	-0.07	0.31	0.39	0.73	-1.48	-0.25
Kobrinetz, Joaquin J.	0.04	-0.27	0.11	-0.91	1.18	0.13	0.45
Liang, Chen	0.04	0.33	-0.19	0.89	1.24	0.53	-0.25
Lonsway, Chris	0.04	-0.07	-0.69	1.39	0.34	-0.78	-0.25
Price, Gregory	0.04	0.13	-0.19	0.39	-1.84	1.13	-0.35
Sanchez, Arthur	-0.06	0.03	0.61	-0.51	-1.01	-0.68	-0.25
Trevino, Robert	0.04	0.13	-0.59	-1.21	0.91	0.43	0.35
Veiga, Victor	-0.06	0.13	0.61	2.79	0.25	0.33	-0.25
YaBin, Liu	0.04	0.13	-1.39	1.29	1.92	-0.48	-2.25
Zalewski, John	0.04	0.13	-0.59	4.19	1.12	1.23	-0.25
MAXIMUM	-0.06	-0.27	1.11	1.49	-1.84	-1.48	0.75
MINIMUM	0.04	0.03	0.01	0.39	-0.08	0.03	-0.15
RANGE(MAX-MIN)	-0.100	-0.300	1.100	1.100	-1.765	-1.500	0.900
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	0.100	0.161	0.585	0.974	1.000	0.723	0.366
N SIZE	21.000						

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Part ID= C3 - SEQUENCE IIIH PISTON

Rated Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	FRTOT	RRTOT
Aguirre, Nancy P	1.00	1.76	9.84	1.38	7.28	9.90	9.90
Barrera, Tony	0.84	1.57	9.64	1.13	6.56	9.90	9.90
Bolaney, Jonathan	1.02	1.23	9.89	1.17	7.00	9.90	9.90
Brawley, Greg	1.17	1.49	9.82	0.94	6.09	9.86	9.85
Broff, Andy	1.12	1.40	8.06	0.98	5.70	9.90	10.00
Cales, Jonathon	1.17	1.39	9.85	1.42	6.60	9.90	9.90
Caproni, David	1.24	2.16	9.74	1.15	6.65	9.90	9.90
Castillo, George	1.02	1.70	9.96	1.40	6.72	9.99	9.98
Cumberworth, Lee	1.06	1.25	9.74	1.36	6.59	9.90	9.89
DeCapite, Vanessa	0.93	1.50	9.78	1.26	6.34	9.95	9.95
Dominguez, Lucio	1.03	1.41	9.65	1.10	6.69	9.90	9.90
Foecking, Brian	0.95	1.72	9.70	1.25	6.52	9.90	9.90
Kobrinetz, Joaquin J.	1.28	1.43	9.66	1.28	7.20	9.90	9.87
Liang, Chen	1.09	1.44	9.66	1.36	6.97	9.80	9.78
Lonsway, Chris	1.17	1.63	9.81	1.26	6.62	9.90	9.90
Sanchez, Arthur	0.97	1.64	9.85	1.28	7.05	9.80	9.78
Trevino, Robert	1.27	1.81	9.70	1.45	7.28	9.99	9.99
Veiga, Victor	1.02	1.69	9.80	1.34	6.06	9.90	9.90
YaBin, Liu	1.42	1.62	9.85	1.43	6.26	9.70	9.80
Zalewski, John	1.14	1.90	9.86	1.35	6.65	9.90	9.90
MAXIMUM	1.28	2.16	9.96	1.45	7.28	9.99	9.99
MINIMUM	0.84	1.39	9.64	1.10	6.34	9.80	9.78
RANGE(MAX-MIN)	0.440	0.770	0.320	0.350	0.940	0.190	0.210
MEAN	1.073	1.643	9.765	1.280	6.793	9.911	9.906
STANDARD DEVIATION	0.147	0.215	0.100	0.115	0.322	0.100	0.100
N SIZE	20.000						

Part ID= C3 - SEQUENCE IIIH PISTON

C3 Y1 Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	FRTOT	RRTOT
Aguirre, Nancy P	-0.49	0.54	0.75	0.87	1.51	-0.11	-0.06
Barrera, Tony	-1.58	-0.34	-1.25	-1.30	-0.72	-0.11	-0.06
Bolaney, Jonathan	-0.36	-1.92	1.25	-0.95	0.64	-0.11	-0.06
Brawley, Greg	0.66	-0.71	0.55	-2.95	-2.18	-0.51	-0.56
Broff, Andy	0.32	-1.13	-17.05	-2.60	-3.39	-0.11	0.94
Cales, Jonathon	0.66	-1.18	0.85	1.21	-0.60	-0.11	-0.06
Caproni, David	1.14	2.41	-0.25	-1.13	-0.44	-0.11	-0.06
Castillo, George	-0.36	0.26	1.95	1.04	-0.22	0.79	0.74
Cumberworth, Lee	-0.08	-1.83	-0.25	0.69	-0.63	-0.11	-0.16
DeCapite, Vanessa	-0.97	-0.67	0.15	-0.17	-1.40	0.39	0.44
Dominguez, Lucio	-0.29	-1.09	-1.15	-1.56	-0.32	-0.11	-0.06
Foecking, Brian	-0.83	0.36	-0.65	-0.26	-0.85	-0.11	-0.06
Kobrinetz, Joaquin J.	1.41	-0.99	-1.05	0.00	1.26	-0.11	-0.36
Liang, Chen	0.12	-0.95	-1.05	0.69	0.55	-1.11	-1.26
Lonsway, Chris	0.66	-0.06	0.45	-0.17	-0.54	-0.11	-0.06
Sanchez, Arthur	-0.70	-0.02	0.85	0.00	0.80	-1.11	-1.26
Trevino, Robert	1.34	0.78	-0.65	1.47	1.51	0.79	0.84
Veiga, Victor	-0.36	0.22	0.35	0.52	-2.27	-0.11	-0.06
YaBin, Liu	2.36	-0.11	0.85	1.30	-1.65	-2.11	-1.06
Zalewski, John	0.46	1.19	0.95	0.61	-0.44	-0.11	-0.06
MAXIMUM	-1.58	2.41	1.95	-1.56	1.51	-1.11	-1.26
MINIMUM	-0.29	-0.02	0.15	0.00	-0.22	-0.11	-0.06
RANGE(MAX-MIN)	-1.290	2.421	1.800	-1.560	1.737	-1.000	-1.200
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	0.997	1.000	1.000	0.498	0.538
N SIZE	20.000						

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Part ID= C4 - SEQUENCE IIIH PISTON

Rated Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	FRTOT	RRTOT
Aguirre, Nancy P	2.57	1.23	7.78	6.21	1.03	9.89	9.80
Barrera, Tony	1.45	0.97	7.26	5.05	0.84	9.70	9.49
Bolaney, Jonathan	2.09	0.93	7.28	4.64	0.91	9.85	9.81
Brawley, Greg	2.99	1.22	7.50	5.30	0.97	9.89	9.74
Broff, Andy	2.40	1.24	7.71	5.25	0.89	9.75	9.23
Cales, Jonathon	3.03	1.05	7.26	5.38	0.91	9.86	9.50
Caproni, David	2.38	0.99	7.27	5.51	1.17	9.90	9.78
Castillo, George	1.64	1.35	7.50	4.82	1.13	9.99	9.85
Cumberworth, Lee	3.13	0.94	6.96	4.79	0.96	9.80	9.52
DeCapite, Vanessa	1.99	1.12	7.02	4.85	0.96	9.92	9.67
Dominguez, Lucio	1.82	1.01	7.03	4.88	0.92	9.82	9.69
Foecking, Brian	2.13	1.20	7.22	5.11	0.89	9.85	9.56
Kobrinetz, Joaquin J.	2.38	1.19	7.35	5.30	1.05	9.77	9.29
Liang, Chen	2.46	0.94	7.70	5.87	1.14	9.76	9.56
Lonsway, Chris	3.06	0.97	7.32	4.66	0.98	9.80	9.77
Sanchez, Arthur	2.20	1.11	7.21	5.48	0.90	9.76	9.77
Trevino, Robert	2.24	1.33	7.82	5.75	1.07	9.92	9.80
YaBin, Liu	2.41	1.01	7.30	5.51	0.98	9.87	9.46
Zalewski, John	2.21	1.25	7.07	5.13	0.98	9.89	9.69
MAXIMUM	3.06	1.35	7.82	6.21	1.17	9.99	9.85
MINIMUM	1.45	0.97	7.02	4.66	0.84	9.70	9.29
RANGE(MAX-MIN)	1.610	0.380	0.800	1.550	0.330	0.290	0.560
MEAN	2.241	1.127	7.337	5.250	0.988	9.848	9.664
STANDARD DEVIATION	0.494	0.134	0.252	0.447	0.103	0.100	0.170
N SIZE	19.000						

Part ID= C4 - SEQUENCE IIIH PISTON

C4 YI Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	FRTOT	RRTOT
Aguirre, Nancy P	0.67	0.77	1.76	2.15	0.41	0.42	0.80
Barrera, Tony	-1.60	-1.17	-0.30	-0.45	-1.43	-1.48	-1.03
Bolaney, Jonathan	-0.31	-1.46	-0.23	-1.36	-0.75	0.02	0.86
Brawley, Greg	1.52	0.69	0.65	0.11	-0.17	0.42	0.45
Broff, Andy	0.32	0.84	1.48	0.00	-0.95	-0.98	-2.56
Cales, Jonathon	1.60	-0.57	-0.30	0.29	-0.75	0.12	-0.97
Caproni, David	0.28	-1.02	-0.26	0.58	1.77	0.52	0.68
Castillo, George	-1.22	1.66	0.65	-0.96	1.39	1.42	1.10
Cumberworth, Lee	1.80	-1.39	-1.50	-1.03	-0.27	-0.48	-0.85
DeCapite, Vanessa	-0.51	-0.05	-1.26	-0.89	-0.27	0.72	0.03
Dominguez, Lucio	-0.85	-0.87	-1.22	-0.83	-0.66	-0.28	0.15
Foecking, Brian	-0.22	0.55	-0.46	-0.31	-0.95	0.02	-0.61
Kobrinetz, Joaquin J.	0.28	0.47	0.05	0.11	0.61	-0.78	-2.21
Liang, Chen	0.44	-1.39	1.44	1.39	1.48	-0.88	-0.61
Lonsway, Chris	1.66	-1.17	-0.07	-1.32	-0.07	-0.48	0.62
Sanchez, Arthur	-0.08	-0.12	-0.50	0.51	-0.85	-0.88	0.62
Trevino, Robert	0.00	1.51	1.92	1.12	0.80	0.72	0.80
YaBin, Liu	0.34	-0.87	-0.15	0.58	-0.07	0.22	-1.20
Zalewski, John	-0.06	0.92	-1.06	-0.27	-0.07	0.42	0.15
MAXIMUM	1.66	1.66	1.92	2.15	1.77	-1.48	-2.21
MINIMUM	0.00	-0.05	0.05	0.11	-0.07	0.02	0.03
RANGE(MAX-MIN)	1.661	1.711	1.867	2.034	1.847	-1.500	-2.242
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	0.820	1.000
N SIZE	19.000						

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Part ID= C5 - GMOD PISTON

Rated Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	THTOT	ATTOT
Aguirre, Nancy P	0.79	9.57	9.84	0.98	9.80	9.70	9.85
Barrera, Tony	0.78	9.35	9.77	0.91	9.45	9.52	9.77
Bolaney, Jonathan	0.76	9.42	9.87	0.97	9.81	9.26	9.78
Brawley, Greg	0.82	9.67	9.85	1.09	9.79	9.27	9.34
Broff, Andy	0.75	9.38	9.77	0.86	9.93	9.77	9.93
Cales, Jonathon	0.77	9.51	9.85	0.87	9.85	9.40	9.75
Caproni, David	0.85	9.76	9.70	0.92	9.70	9.56	9.80
Castillo, George	0.85	9.73	9.96	0.94	9.92	9.79	9.93
DeCapite, Vanessa	0.87	9.54	9.76	0.98	9.82	9.59	9.86
Dominguez, Lucio	0.78	9.55	9.83	0.84	9.81	9.67	9.86
Foecking, Brian	0.86	9.71	9.90	0.84	9.85	9.34	9.76
Kobrinetz, Joaquin J.	0.81	9.51	9.71	0.89	9.82	9.57	9.76
Liang, Chen	0.76	9.38	9.72	0.88	9.81	9.52	9.86
Lonsway, Chris	0.85	9.65	9.81	0.89	9.81	9.45	9.81
Sanchez, Arthur	0.85	9.70	9.89	0.87	9.89	9.43	9.73
Trevino, Robert	0.80	9.56	9.86	0.75	9.85	9.72	9.86
Veiga, Victor	0.75	9.54	9.90	0.97	9.87	9.58	9.85
YaBin, Liu	0.78	9.46	9.80	0.91	9.79	9.63	9.79
Zalewski, John	0.84	9.45	9.74	1.04	9.83	9.27	9.61
MAXIMUM	0.87	9.76	9.96	0.98	9.92	9.79	9.93
MINIMUM	0.77	9.35	9.70	0.75	9.45	9.34	9.73
RANGE(MAX-MIN)	0.100	0.410	0.260	0.230	0.470	0.450	0.200
MEAN	0.822	9.595	9.823	0.890	9.798	9.562	9.812
STANDARD DEVIATION	0.100	0.118	0.100	0.100	0.122	0.140	0.100
N SIZE	19,000						

Part ID= C5 - GMOD PISTON

C5 YI Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	THTOT	ATTOT
Aguirre, Nancy P	-0.32	-0.21	0.17	0.90	0.02	0.99	0.38
Barrera, Tony	-0.42	-2.07	-0.53	0.20	-2.85	-0.30	-0.42
Bolaney, Jonathan	-0.62	-1.48	0.47	0.80	0.10	-2.15	-0.32
Brawley, Greg	-0.02	0.63	0.27	2.00	-0.06	-2.08	-5.02
Broff, Andy	-0.72	-1.82	-0.53	-0.30	1.09	1.49	1.18
Cales, Jonathon	-0.52	-0.72	0.27	-0.20	0.43	-1.15	-0.62
Caproni, David	0.28	1.39	-1.23	0.30	-0.80	-0.01	-0.12
Castillo, George	0.28	1.14	1.37	0.50	1.01	1.63	1.18
DeCapite, Vanessa	0.48	-0.46	-0.63	0.90	0.18	0.20	0.48
Dominguez, Lucio	-0.42	-0.38	0.07	-0.50	0.10	0.77	0.48
Foecking, Brian	0.38	0.97	0.77	-0.50	0.43	-1.58	-0.52
Kobrinetz, Joaquin J.	-0.12	-0.72	-1.13	0.00	0.18	0.06	-0.52
Liang, Chen	-0.62	-1.82	-1.03	-0.10	0.10	-0.30	0.48
Lonsway, Chris	0.28	0.46	-0.13	0.00	0.10	-0.80	-0.02
Sanchez, Arthur	0.28	0.89	0.67	-0.20	0.76	-0.94	-0.82
Trevino, Robert	-0.22	-0.30	0.37	-1.40	0.43	1.13	0.48
Veiga, Victor	-0.72	-0.46	0.77	0.80	0.59	0.13	0.38
YaBin, Liu	-0.42	-1.14	-0.23	0.20	-0.06	0.49	-0.22
Zalewski, John	0.18	-1.23	-0.83	1.50	0.27	-2.08	-2.02
MAXIMUM	-0.52	-2.07	1.37	-1.40	-2.85	1.63	1.18
MINIMUM	-0.12	-0.21	0.07	0.00	0.02	-0.01	-0.02
RANGE(MAX-MIN)	-0.400	-1.859	1.300	-1.400	-2.872	1.642	1.200
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	0.366	1.000	0.777	0.642	1.000	1.000	0.604
N SIZE	19,000						

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Part ID= C6 - GMOD PISTON

Rated Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	THTOT	ATTOT
Aguirre, Nancy P	2.20	9.71	9.88	6.01	9.88	9.90	9.90
Barrera, Tony	2.30	9.56	9.70	5.28	9.70	9.86	9.93
Brawley, Greg	1.66	9.74	9.80	4.44	9.85	9.85	9.86
Broff, Andy	2.62	9.90	9.95	3.76	10.00	10.00	10.00
Cales, Jonathon	2.53	9.82	9.90	5.67	9.90	9.90	9.90
Caproni, David	2.64	9.80	9.90	5.05	9.90	9.90	9.90
Castillo, George	2.90	9.71	9.98	6.02	9.98	9.95	9.96
DeCapite, Vanessa	1.95	9.71	9.87	5.28	9.95	9.86	9.95
Dominguez, Lucio	1.73	9.70	9.88	5.43	9.90	9.90	9.90
Foecking, Brian	3.01	9.86	9.90	5.83	9.90	9.90	9.90
Kobrinetz, Joaquin J.	2.10	9.65	9.80	5.71	9.95	9.82	9.95
Liang, Chen	2.46	9.68	9.86	5.02	9.85	9.80	9.80
Lonsway, Chris	2.28	9.90	9.90	5.22	9.90	9.90	9.90
Sanchez, Arthur	2.44	9.74	9.86	5.76	9.90	9.85	9.90
Terrado, Ken	1.86	9.59	9.90	5.46	9.89	9.90	9.90
Trevino, Robert	2.93	9.68	9.93	6.01	9.98	9.88	9.93
Veiga, Victor	1.77	9.81	9.90	5.38	9.90	9.90	9.90
YaBin, Liu	2.39	9.90	9.90	5.38	9.80	9.90	9.90
Zalewski, John	1.77	9.55	9.90	5.50	9.90	9.89	9.90
MAXIMUM	3.01	9.90	9.98	6.02	9.98	9.95	9.96
MINIMUM	1.73	9.56	9.70	5.05	9.70	9.82	9.90
RANGE(MAX-MIN)	1.280	0.340	0.280	0.970	0.280	0.130	0.060
MEAN	2.418	9.737	9.875	5.606	9.903	9.885	9.918
STANDARD DEVIATION	0.402	0.100	0.100	0.342	0.100	0.100	0.100
N SIZE	19,000						

Part ID= C6 - GMOD PISTON

C6 YI Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	THTOT	ATTOT
Aguirre, Nancy P	-0.54	-0.27	0.05	1.18	-0.23	0.15	-0.18
Barrera, Tony	-0.29	-1.77	-1.75	-0.95	-2.03	-0.25	0.12
Brawley, Greg	-1.88	0.03	-0.75	-3.41	-0.53	-0.35	-0.58
Broff, Andy	0.50	1.63	0.75	-5.39	0.97	1.15	0.82
Cales, Jonathon	0.28	0.83	0.25	0.19	-0.03	0.15	-0.18
Caproni, David	0.55	0.63	0.25	-1.62	-0.03	0.15	-0.18
Castillo, George	1.20	-0.27	1.05	1.21	0.77	0.65	0.42
DeCapite, Vanessa	-1.16	-0.27	-0.05	-0.95	0.47	-0.25	0.32
Dominguez, Lucio	-1.71	-0.37	0.05	-0.51	-0.03	0.15	-0.18
Foecking, Brian	1.47	1.23	0.25	0.66	-0.03	0.15	-0.18
Kobrinetz, Joaquin J.	-0.79	-0.87	-0.75	0.30	0.47	-0.65	0.32
Liang, Chen	0.11	-0.57	-0.15	-1.71	-0.53	-0.85	-1.18
Lonsway, Chris	-0.34	1.63	0.25	-1.13	-0.03	0.15	-0.18
Sanchez, Arthur	0.06	0.03	-0.15	0.45	-0.03	-0.35	-0.18
Terrado, Ken	-1.39	-1.47	0.25	-0.43	-0.13	0.15	-0.18
Trevino, Robert	1.27	-0.57	0.55	1.18	0.77	-0.05	0.12
Veiga, Victor	-1.61	0.73	0.25	-0.66	-0.03	0.15	-0.18
YaBin, Liu	-0.07	1.63	0.25	-0.66	-1.03	0.15	-0.18
Zalewski, John	-1.61	-1.87	0.25	-0.31	-0.03	0.05	-0.18
MAXIMUM	-1.71	-1.77	-1.75	-1.62	-2.03	0.65	0.42
MINIMUM	0.06	0.03	0.05	0.19	-0.03	-0.05	0.12
RANGE(MAX-MIN)	-1.764	-1.800	-1.800	-1.812	-2.000	0.700	0.300
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	0.945	0.695	1.000	0.727	0.334	0.241
N SIZE	19,000						

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Part ID= H1-8 - INTAKE VALVE SET

Rated Values

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

Rater	P1	P2	P3	P4	P5	P6	P7	P8
Barrera, Tony	8.50	7.00	8.30	6.30	7.00	6.20	8.20	8.20
Castillo, George	8.20	6.40	8.00	6.70	6.50	6.10	7.60	7.30
Cumberworth, Lee	8.55	7.00	8.15	6.94	6.95	6.65	7.86	7.68
DeCapite, Vanessa	9.20	6.80	9.00	7.80	7.20	6.40	8.80	8.00
Dominguez, Lucio	8.30	6.90	8.00	7.20	7.00	6.50	8.50	6.50
Foecking, Brian	8.30	7.10	8.20	7.20	7.00	6.70	8.20	7.90
Guarda, Waldyr	7.80	6.50	7.60	5.40	5.20	6.20	8.00	6.90
Hayden, Matthew	8.39	7.40	8.24	7.01	6.32	6.80	7.94	7.59
Kobrinetz, Joaquin J.	8.38	7.30	8.08	7.27	6.98	6.92	8.19	7.76
Liang, Chen	8.40	6.70	8.30	6.80	6.30	6.50	7.80	7.00
Lopez, Frank	8.50	7.00	7.80	6.50	6.90	6.40	7.90	7.40
Price, Gregory	8.20	7.32	8.45	7.24	7.31	6.99	8.36	7.89
Rodriguez, Jesus (Jesse)	8.50	7.00	8.20	7.20	7.40	6.70	7.90	7.80
Sablad, Bertrand	8.75	7.25	9.00	7.75	7.50	5.75	8.50	8.50
Sanchez, Arthur	8.00	6.80	8.00	6.80	6.60	6.70	7.80	7.60
Seiz, Ray	9.10	6.80	9.20	7.80	6.90	6.30	9.00	6.40
Trevino, Robert	8.10	6.80	8.10	7.00	6.80	6.70	7.70	7.40
YaBin, Liu	8.40	6.70	8.30	6.80	6.30	6.50	7.80	7.00
Zalewski, John	8.80	6.80	8.50	6.50	6.00	6.00	8.60	7.50
MAXIMUM	9.20	7.40	9.20	7.80	7.50	6.99	9.00	8.50
MINIMUM	7.80	6.40	7.60	5.40	5.20	5.75	7.60	6.40
RANGE(MAX-MIN)	1.400	1.000	1.600	2.400	2.300	1.240	1.400	2.100
MEAN	8.441	6.925	8.285	6.958	6.745	6.474	8.139	7.491
STANDARD DEVIATION	0.345	0.271	0.408	0.569	0.551	0.324	0.394	0.547
N SIZE	19,000							

Part ID= H1-8 - INTAKE VALVE SET

H1-8 Y1 Values

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

Rater	P1	P2	P3	P4	P5	P6	P7	P8
Barrera, Tony	0.17	0.28	0.04	-1.16	0.46	-0.85	0.15	1.30
Castillo, George	-0.70	-1.94	-0.70	-0.45	-0.45	-1.16	-1.37	-0.35
Cumberworth, Lee	0.32	0.28	-0.33	-0.03	0.37	0.54	-0.71	0.35
DeCapite, Vanessa	2.20	-0.46	1.75	1.48	0.83	-0.23	1.68	0.93
Dominguez, Lucio	-0.41	-0.09	-0.70	0.42	0.46	0.08	0.92	-1.81
Foecking, Brian	-0.41	0.65	-0.21	0.42	0.46	0.70	0.15	0.75
Guarda, Waldyr	-1.86	-1.57	-1.68	-2.74	-2.80	-0.85	-0.35	-1.08
Hayden, Matthew	-0.15	1.76	-0.11	0.09	-0.77	1.01	-0.51	0.18
Kobrinetz, Joaquin J.	-0.18	1.39	-0.50	0.55	0.43	1.38	0.13	0.49
Liang, Chen	-0.12	-0.83	0.04	-0.28	-0.81	0.08	-0.86	-0.90
Lopez, Frank	0.17	0.28	-1.19	-0.81	0.28	-0.23	-0.61	-0.17
Price, Gregory	-0.70	1.46	0.40	0.50	1.02	1.59	0.56	0.73
Rodriguez, Jesus (Jesse)	0.17	0.28	-0.21	0.42	1.19	0.70	-0.61	0.57
Sablad, Bertrand	0.90	1.20	1.75	1.39	1.37	-2.24	0.92	1.85
Sanchez, Arthur	-1.28	-0.46	-0.70	-0.28	-0.26	0.70	-0.86	0.20
Seiz, Ray	1.91	-0.46	2.24	1.48	0.28	-0.54	2.19	-1.99
Trevino, Robert	-0.99	-0.46	-0.45	0.07	0.10	0.70	-1.12	-0.17
YaBin, Liu	-0.12	-0.83	0.04	-0.28	-0.81	0.08	-0.86	-0.90
Zalewski, John	1.04	-0.46	0.53	-0.81	-1.35	-1.46	1.17	0.02
MAXIMUM	2.20	-1.94	2.24	-2.74	-2.80	-2.24	2.19	-1.99
MINIMUM	-0.12	-0.09	0.04	-0.03	0.10	0.08	0.13	0.02
RANGE(MAX-MIN)	2.318	-1.848	2.207	-2.707	-2.903	-2.315	2.058	-2.010
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
N SIZE	19,000							

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Part ID= I1-8 - INTAKE VALVE SET

Rated Values

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

Rater	P1	P2	P3	P4	P5	P6	P7	P8
Barrera, Tony	8.50	6.20	8.20	8.20	6.10	7.10	6.20	6.10
Castillo, George	8.00	6.20	8.10	7.80	6.00	6.50	6.40	6.30
Cumberworth, Lee	8.18	6.75	8.06	7.66	6.54	6.75	6.85	6.60
DeCapite, Vanessa	9.00	7.00	8.30	8.60	5.70	6.10	5.90	6.00
Dominguez, Lucio	8.00	6.60	8.50	8.30	6.30	6.40	6.60	7.80
Foecking, Brian	8.40	6.30	8.00	8.20	6.50	6.80	6.30	6.30
Guarda, Waldyr	8.40	5.70	8.20	8.10	5.60	6.10	5.20	5.40
Hayden, Matthew	8.40	7.01	8.23	8.06	6.78	7.30	7.21	6.77
Kobrinetz, Joaquin J.	8.45	6.89	8.20	8.20	6.81	6.95	6.95	6.82
Liang, Chen	8.20	6.50	8.30	8.10	6.50	6.50	6.80	6.80
Lopez, Frank	8.40	6.30	8.20	8.10	6.30	6.90	6.50	6.50
Price, Gregory	8.69	7.15	8.48	8.34	6.71	6.95	6.82	6.89
Rodriguez, Jesus (Jesse)	8.30	6.60	8.00	8.10	6.60	6.50	6.60	6.50
Sablad, Bertrand	9.00	6.75	8.75	8.75	6.25	7.00	6.50	6.25
Sanchez, Arthur	8.30	6.80	8.00	8.40	6.20	6.60	6.70	6.60
Seiz, Ray	9.30	7.60	9.20	9.10	6.40	6.60	6.00	6.40
Trevino, Robert	8.00	6.30	7.20	8.00	6.20	6.50	6.70	6.30
YaBin, Liu	8.20	6.50	8.30	8.10	6.50	6.50	6.80	6.80
Zalewski, John	9.00	5.50	8.50	8.50	6.00	6.00	5.70	6.20
MAXIMUM	9.30	7.60	9.20	9.10	6.81	7.30	7.21	7.80
MINIMUM	8.00	5.50	7.20	7.66	5.60	6.00	5.20	5.40
RANGE(MAX-MIN)	1.300	2.100	2.000	1.440	1.210	1.300	2.010	2.400
MEAN	8.512	6.561	8.248	8.243	6.315	6.634	6.459	6.491
STANDARD DEVIATION	0.378	0.494	0.387	0.330	0.335	0.352	0.487	0.478
N SIZE	19,000							

Part ID= I1-8 - INTAKE VALVE SET

I1-8 YI Values

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

Rater	P1	P2	P3	P4	P5	P6	P7	P8
Barrera, Tony	-0.03	-0.73	-0.13	-0.13	-0.64	1.32	-0.53	-0.82
Castillo, George	-1.35	-0.73	-0.38	-1.34	-0.94	-0.38	-0.12	-0.40
Cumberworth, Lee	-0.88	0.38	-0.49	-1.77	0.67	0.33	0.80	0.23
DeCapite, Vanessa	1.29	0.89	0.13	1.08	-1.83	-1.52	-1.15	-1.03
Dominguez, Lucio	1.29	0.08	0.65	0.17	-0.05	-0.67	0.29	2.74
Foecking, Brian	-0.29	-0.53	-0.64	-0.13	0.55	0.47	-0.33	-0.40
Guarda, Waldyr	-0.29	-1.74	-0.13	-0.43	-2.13	-1.52	-2.59	-2.28
Hayden, Matthew	-0.29	0.91	-0.05	-0.55	1.39	1.89	1.54	0.58
Kobrinetz, Joaquin J.	-0.16	0.67	-0.13	-0.13	1.48	0.90	1.01	0.69
Liang, Chen	-0.82	-0.12	0.13	-0.43	0.55	-0.38	0.70	0.65
Lopez, Frank	-0.29	-0.53	-0.13	-0.43	-0.05	0.76	0.08	0.02
Price, Gregory	0.47	1.19	0.60	0.30	1.18	0.90	0.74	0.83
Rodriguez, Jesus (Jesse)	-0.56	0.08	-0.64	-0.43	0.85	-0.38	0.29	0.02
Sablad, Bertrand	1.29	0.38	1.30	1.54	-0.19	1.04	0.08	-0.50
Sanchez, Arthur	-0.56	0.48	-0.64	0.48	-0.34	-0.10	0.49	0.23
Seiz, Ray	2.08	2.10	2.46	2.60	0.25	-0.10	-0.94	-0.19
Trevino, Robert	-1.35	-0.53	-2.71	-0.74	-0.34	-0.38	0.49	-0.40
YaBin, Liu	-0.82	-0.12	0.13	-0.43	0.55	-0.38	0.70	0.65
Zalewski, John	1.29	-2.15	0.65	0.78	-0.94	-1.80	-1.56	-0.61
MAXIMUM	2.08	-2.15	-2.71	2.60	-2.13	1.89	-2.59	2.74
MINIMUM	-0.03	0.08	-0.05	-0.13	-0.05	-0.10	0.08	0.02
RANGE(MAX-MIN)	2.114	-2.225	-2.661	2.728	-2.087	1.991	-2.672	2.718
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
N SIZE	19,000							

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Part ID= PTOPS - PISTON TOPS

Rated Values

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

Rater	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI	
Barrera, Tony	8.05	7.82	7.69	7.76	8.23	7.97	7.58	7.58	
Bolaney, Jonathan	7.84	7.57	7.55	7.87	7.62	7.62	7.54	7.90	
Castillo, George	7.47	7.30	7.56	7.84	7.82	7.84	7.73	7.68	
Cumberworth, Lee	7.84	8.19	8.01	7.92	7.85	7.99	7.99	7.99	
Dominguez, Lucio	8.03	7.89	7.92	7.89	7.91	7.98	7.74	7.91	
Foecking, Brian	7.72	7.31	7.45	7.34	7.96	7.68	6.85	7.25	
Guarda, Waldyr	8.20	7.94	7.73	8.25	8.57	8.24	8.05	8.14	
Kobrinetz, Joaquin J.	7.77	7.94	7.82	7.87	7.64	7.71	7.79	7.90	
Liang, Chen	7.78	7.52	7.59	7.79	7.54	7.74	7.61	7.57	
Lopez, Frank	7.54	7.47	7.77	7.81	7.71	7.82	7.61	7.71	
Price, Gregory	7.89	7.89	7.87	8.03	7.85	8.08	7.88	7.99	
Rodríguez, Jesus (Jesse)	7.52	7.55	7.28	7.34	7.37	7.27	7.09	7.22	
Sanchez, Arthur	7.40	7.23	7.15	7.14	7.18	7.47	7.20	7.33	
Seiz, Ray	6.70	7.65	7.40	7.69	7.65	7.42	7.44	7.99	
Trevino, Robert	7.27	7.23	7.36	7.38	7.16	7.33	7.16	7.21	
Zalewski, John	8.63	8.38	8.46	8.51	8.52	8.56	8.52	8.57	
MAXIMUM	8.63	8.38	8.46	8.51	8.57	8.56	8.52	8.57	
MINIMUM	6.70	7.23	7.15	7.14	7.16	7.27	6.85	7.21	
RANGE(MAX-MIN)	1.930	1.150	1.310	1.370	1.410	1.290	1.670	1.360	
MEAN	7.728	7.680	7.663	7.777	7.786	7.795	7.611	7.746	
STANDARD DEVIATION	0.433	0.344	0.322	0.350	0.406	0.343	0.413	0.377	
N SIZE	16.000								

Part ID= PTOPS - PISTON TOPS

PTOPS YI Values

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

Rater	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI	
Barrera, Tony	0.74	0.41	0.08	-0.05	1.09	0.51	-0.08	-0.44	
Bolaney, Jonathan	0.26	-0.32	-0.35	0.27	-0.41	-0.51	-0.17	0.41	
Castillo, George	-0.60	-1.10	-0.32	0.18	0.08	0.13	0.29	-0.18	
Cumberworth, Lee	0.26	1.48	1.08	0.41	0.16	0.57	0.92	0.65	
Dominguez, Lucio	0.70	0.61	0.80	0.32	0.30	0.54	0.31	0.43	
Foecking, Brian	-0.02	-1.07	-0.66	-1.25	0.43	-0.34	-1.84	-1.32	
Guarda, Waldyr	1.09	0.76	0.21	1.35	1.93	1.30	1.06	1.04	
Kobrinetz, Joaquin J.	0.10	0.76	0.49	0.27	-0.36	-0.25	0.43	0.41	
Liang, Chen	0.12	-0.46	-0.23	0.04	-0.61	-0.16	0.00	-0.47	
Lopez, Frank	-0.43	-0.61	0.33	0.09	-0.19	0.07	0.00	-0.10	
Price, Gregory	0.37	0.61	0.64	0.72	0.16	0.83	0.65	0.65	
Rodríguez, Jesus (Jesse)	-0.48	-0.38	-1.19	-1.25	-1.03	-1.53	-1.26	-1.40	
Sanchez, Arthur	-0.76	-1.31	-1.60	-1.82	-1.49	-0.95	-1.00	-1.10	
Seiz, Ray	-2.38	-0.09	-0.82	-0.25	-0.34	-1.09	-0.41	0.65	
Trevino, Robert	-1.06	-1.31	-0.94	-1.14	-1.54	-1.36	-1.09	-1.42	
Zalewski, John	2.09	2.03	2.48	2.10	1.81	2.23	2.20	2.18	
MAXIMUM	-2.38	2.03	2.48	2.10	1.93	2.23	2.20	2.18	
MINIMUM	-0.02	-0.09	0.08	0.04	0.08	0.07	0.00	-0.10	
RANGE(MAX-MIN)	-2.358	2.120	2.395	2.059	1.848	2.159	2.205	2.280	
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
N SIZE	16.000								

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Part ID= P1-8 - SEQ. VH PISTONS

Rated Values

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

Rater	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI	
Aguirre, Nancy P	9.30	9.18	9.00	8.69	9.61	9.31	9.43	9.40	
Barrera, Tony	8.83	8.59	8.51	8.43	9.34	8.94	9.01	9.01	
Bolaney, Jonathan	9.16	9.02	8.86	8.73	9.69	9.44	9.45	9.44	
Brawley, Greg	9.21	8.42	8.80	8.41	9.62	9.47	9.34	9.29	
Broff, Andy	9.03	8.88	9.06	8.57	9.62	9.27	9.63	9.31	
Cales, Jonathon	8.92	8.90	9.12	8.49	9.41	9.22	9.28	9.20	
Castillo, George	9.21	9.10	8.63	8.40	9.57	9.28	9.45	9.16	
Cumberworth, Lee	9.03	8.78	8.80	8.63	9.39	9.52	9.49	9.30	
De Armas, Raymond	9.44	9.50	9.24	9.23	9.70	9.46	9.54	9.60	
DeCapite, Vanessa	8.70	8.76	8.55	8.35	9.59	9.11	9.09	9.08	
Dominguez, Lucio	9.25	9.36	9.14	9.10	9.69	9.51	9.55	9.55	
Guarda, Waldyr	8.98	8.82	8.89	8.76	9.36	9.12	9.30	8.76	
Hayden, Matthew	9.00	9.00	8.80	8.79	9.58	9.00	9.40	9.35	
Hayden, Matthew (rerate)	9.00	9.00	8.80	8.79	9.58	9.00	9.40	9.35	
Kobrinetz, Joaquin J.	9.03	8.88	8.74	8.69	9.62	9.36	9.36	9.45	
Lonsway, Chris	8.70	8.87	8.60	8.64	9.51	9.17	9.03	8.94	
Lopez, Frank	9.16	9.06	9.00	8.77	9.55	9.31	9.36	9.23	
Price, Gregory	9.29	9.04	8.94	8.97	9.73	9.53	9.54	9.49	
Rodriguez, Edward	9.00	8.88	8.80	8.95	9.40	9.34	9.23	9.15	
Rodriguez, Jesus (Jesse)	9.15	9.07	8.87	8.71	9.61	9.48	9.44	9.42	
Sablal, Bertrand	9.13	8.92	8.71	8.59	9.40	9.10	9.02	8.92	
Sanchez, Arthur	9.16	8.92	8.95	8.46	9.52	9.12	9.25	9.14	
Seiz, Ray	9.06	8.87	8.61	8.73	9.44	8.98	9.18	9.16	
Trevino, Robert	9.23	9.16	8.94	8.77	9.60	9.51	9.44	9.39	
Zalewski, John	9.11	9.06	8.88	8.81	9.55	9.10	9.08	9.02	
MAXIMUM	9.30	9.36	9.14	9.10	9.69	9.51	9.55	9.55	
MINIMUM	8.70	8.59	8.51	8.35	9.34	8.94	9.01	8.94	
RANGE(MAX-MIN)	0.600	0.770	0.630	0.750	0.350	0.570	0.540	0.610	
MEAN	9.049	8.988	8.835	8.638	9.554	9.255	9.315	9.255	
STANDARD DEVIATION	0.206	0.200	0.214	0.208	0.100	0.185	0.173	0.186	
N SIZE	25.000								

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Part ID= P1-8 - SEQ. VH PISTONS

P1-8 Yi Values

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

Rater	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI
Aguirre, Nancy P	1.22	0.96	0.77	0.25	0.56	0.30	0.67	0.78
Barrera, Tony	-1.07	-2.00	-1.52	-1.00	-2.14	-1.71	-1.76	-1.32
Bolaney, Jonathan	0.54	0.16	0.12	0.44	1.36	1.00	0.78	0.99
Brawley, Greg	0.78	-2.85	-0.16	-1.10	0.66	1.16	0.15	0.19
Broff, Andy	-0.09	-0.54	1.05	-0.33	0.66	0.08	1.82	0.29
Cales, Jonathon	-0.63	-0.44	1.33	-0.71	-1.44	-0.19	-0.20	-0.30
Castillo, George	0.78	0.56	-0.96	-1.14	0.16	0.13	0.78	-0.51
Cumberworth, Lee	-0.09	-1.04	-0.16	-0.04	-1.64	1.43	1.01	0.24
De Armas, Raymond	1.90	2.56	1.90	2.85	1.46	1.11	1.30	1.85
DeCapite, Vanessa	-1.70	-1.15	-1.33	-1.38	0.36	-0.79	-1.30	-0.94
Dominguez, Lucio	0.98	1.86	1.43	2.22	1.36	1.38	1.36	1.58
Guarda, Waldyr	-0.34	-0.84	0.26	0.59	-1.94	-0.73	-0.08	-2.66
Hayden, Matthew	-0.24	0.06	-0.16	0.73	0.26	-1.38	0.49	0.51
Hayden, Matthew (rerate)	-0.24	0.06	-0.16	0.73	0.26	-1.38	0.49	0.51
Kobrinetz, Joaquin J.	-0.09	-0.54	-0.44	0.25	0.66	0.57	0.26	1.04
Lonsway, Chris	-1.70	-0.59	-1.10	0.01	-0.44	-0.46	-1.64	-1.69
Lopez, Frank	0.54	0.36	0.77	0.64	-0.04	0.30	0.26	-0.14
Price, Gregory	1.17	0.26	0.49	1.60	1.76	1.49	1.30	1.26
Rodriguez, Edward	-0.24	-0.54	-0.16	1.50	-1.54	0.46	-0.49	-0.57
Rodriguez, Jesus (Jesse)	0.49	0.41	0.17	0.35	0.56	1.21	0.72	0.88
Sablad, Bertrand	0.39	-0.34	-0.58	-0.23	-1.54	-0.84	-1.70	-1.80
Sanchez, Arthur	0.54	-0.34	0.54	-0.85	-0.34	-0.73	-0.37	-0.62
Seiz, Ray	0.05	-0.59	-1.05	0.44	-1.14	-1.49	-0.78	-0.51
Trevino, Robert	0.88	0.86	0.49	0.64	0.46	1.38	0.72	0.72
Zalewski, John	0.30	0.36	0.21	0.83	-0.04	-0.84	-1.36	-1.26
MAXIMUM	-1.70	-2.00	-1.52	2.22	-2.14	-1.71	-1.76	-1.69
MINIMUM	-0.09	0.06	-0.16	0.01	-0.04	0.13	-0.20	-0.14
RANGE(MAX-MIN)	-1.604	-2.055	-1.356	2.213	-2.100	-1.839	-1.560	-1.557
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	0.927	1.000	1.000	1.000
N SIZE	25.000							

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Part ID= Q1-8 - SEQ. VH PISTONS

Rated Values

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

Rater	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI	
Brawley, Greg	8.22	9.06	9.00	9.62	9.46	8.93	8.84	8.61	
Broff, Andy	8.27	9.37	8.98	9.30	9.40	8.56	8.30	8.25	
Cales, Jonathon	8.26	8.93	8.77	9.16	8.84	8.71	8.66	8.38	
Caproni, David	8.30	9.47	8.38	9.52	9.47	8.89	8.80	8.70	
Cumberworth, Lee	8.64	9.19	8.83	9.41	9.48	9.04	8.92	8.66	
De Armas, Raymond	9.16	9.50	9.20	9.53	9.43	9.21	9.07	8.93	
DeCapite, Vanessa	8.23	8.92	8.80	9.23	9.17	8.73	8.65	8.25	
Dominguez, Lucio	8.52	9.39	9.27	9.49	9.43	9.28	9.07	8.79	
Foecking, Brian	8.21	9.01	8.69	9.20	9.32	8.77	8.74	8.36	
Guarda, Waldyr	8.33	8.73	8.09	8.89	9.07	8.89	8.78	8.56	
Hayden, Matthew	7.82	8.79	8.38	9.38	9.29	8.22	8.18	7.90	
Hayden, Matthew (rerate)	7.82	8.79	8.38	9.38	9.29	8.22	8.18	7.90	
Kobrinetz, Joaquin J.	8.04	8.95	8.61	9.28	9.32	8.65	8.40	8.08	
Liang, Chen	8.44	8.99	8.37	9.33	9.21	8.85	8.68	8.56	
Lonsway, Chris	8.17	8.96	8.72	9.23	9.22	8.80	8.68	8.28	
Lopez, Frank	8.44	9.05	8.92	9.18	9.13	8.91	8.74	8.64	
Price, Gregory	8.19	8.77	8.68	9.17	9.21	8.80	8.53	8.32	
Rodriguez, Edward	8.87	8.57	8.32	8.33	9.03	8.96	8.90	8.87	
Rodriguez, Jesus (Jesse)	8.47	8.98	8.89	9.15	9.11	8.69	8.53	8.49	
Sablad, Bertrand	8.24	8.87	9.15	9.28	9.00	8.63	8.57	8.01	
Sanchez, Arthur	8.39	9.03	8.99	9.31	9.41	8.90	8.73	8.34	
Trevino, Robert	8.47	8.99	8.87	9.18	9.10	8.75	8.56	8.45	
YaBin, Liu	9.29	8.03	9.08	8.65	8.90	8.20	8.25	7.76	
Zalewski, John	8.17	9.13	8.31	9.20	9.21	8.51	8.63	8.12	
MAXIMUM	8.52	9.47	9.27	9.52	9.47	9.28	9.07	8.79	
MINIMUM	7.82	8.79	8.38	9.15	8.84	8.22	8.18	7.90	
RANGE(MAX-MIN)	0.700	0.680	0.890	0.370	0.630	1.060	0.890	0.890	
MEAN	8.277	9.039	8.774	9.276	9.234	8.775	8.645	8.388	
STANDARD DEVIATION	0.204	0.195	0.249	0.126	0.178	0.241	0.219	0.253	
N SIZE	24.000								

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Part ID= Q1-8 - SEQ. VH PISTONS

Q1-8 Yi Values

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

Rater	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI	
Brawley, Greg	-0.28	0.11	0.91	2.73	1.27	0.64	0.89	0.88	
Broff, Andy	-0.03	1.70	0.83	0.19	0.93	-0.89	-1.57	-0.55	
Cales, Jonathon	-0.08	-0.56	-0.02	-0.92	-2.22	-0.27	0.07	-0.03	
Caproni, David	0.11	2.21	-1.58	1.94	1.33	0.48	0.71	1.23	
Cumberworth, Lee	1.78	0.77	0.22	1.06	1.38	1.10	1.26	1.07	
De Armas, Raymond	4.33	2.36	1.71	2.01	1.10	1.80	1.94	2.14	
DeCapite, Vanessa	-0.23	-0.61	0.10	-0.36	-0.36	-0.19	0.02	-0.55	
Dominguez, Lucio	1.19	1.80	1.99	1.70	1.10	2.09	1.94	1.59	
Foecking, Brian	-0.33	-0.15	-0.34	-0.60	0.48	-0.02	0.43	-0.11	
Guarda, Waldyr	0.26	-1.59	-2.74	-3.06	-0.92	0.48	0.62	0.68	
Hayden, Matthew	-2.24	-1.28	-1.58	0.83	0.31	-2.30	-2.12	-1.93	
Hayden, Matthew (rerate)	-2.24	-1.28	-1.58	0.83	0.31	-2.30	-2.12	-1.93	
Kobrinetz, Joaquin J.	-1.16	-0.46	-0.66	0.03	0.48	-0.52	-1.12	-1.22	
Liang, Chen	0.80	-0.25	-1.62	0.43	-0.14	0.31	0.16	0.68	
Lonsway, Chris	-0.52	-0.41	-0.22	-0.36	-0.08	0.10	0.16	-0.43	
Lopez, Frank	0.80	0.06	0.58	-0.76	-0.59	0.56	0.43	1.00	
Price, Gregory	-0.43	-1.38	-0.38	-0.84	-0.14	0.10	-0.52	-0.27	
Rodriguez, Edward	2.91	-2.41	-1.82	-7.50	-1.15	0.77	1.16	1.90	
Rodriguez, Jesus (Jesse)	0.95	-0.30	0.46	-1.00	-0.70	-0.35	-0.52	0.40	
Sablad, Bertrand	-0.18	-0.87	1.51	0.03	-1.32	-0.60	-0.34	-1.50	
Sanchez, Arthur	0.56	-0.05	0.87	0.27	0.99	0.52	0.39	-0.19	
Trevino, Robert	0.95	-0.25	0.38	-0.76	-0.76	-0.10	-0.39	0.24	
YaBin, Liu	4.97	-5.18	1.23	-4.96	-1.88	-2.38	-1.80	-2.48	
Zalewski, John	-0.52	0.47	-1.86	-0.60	-0.14	-1.10	-0.07	-1.06	
MAXIMUM	-2.24	2.21	1.99	1.94	-2.22	-2.30	-2.12	-1.93	
MINIMUM	-0.08	-0.05	-0.02	0.03	-0.08	-0.02	0.02	-0.03	
RANGE(MAX-MIN)	-2.159	2.257	2.004	1.902	-2.141	-2.279	-2.145	-1.898	
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
N SIZE	24.000								

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Part ID= R1-8 - SEQ. VH PISTONS

Rated Values

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

Rater	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI	
Aguirre, Nancy P	8.85	8.71	8.66	9.48	8.40	8.32	8.56	8.59	
Barrera, Tony	8.68	8.39	8.35	9.04	7.89	8.09	8.25	8.06	
Bolaney, Jonathan	8.91	8.63	8.78	9.56	7.86	8.15	8.34	8.50	
Brawley, Greg	9.14	8.80	8.93	9.71	8.07	8.28	8.33	8.89	
Broff, Andy	8.86	8.64	8.70	9.73	8.15	8.18	8.58	8.23	
Cales, Jonathon	9.03	8.88	8.80	9.57	8.12	8.45	8.55	8.74	
Caproni, David	8.78	8.60	8.70	9.55	8.18	8.64	8.62	8.74	
Castillo, George	8.82	8.45	8.76	9.50	8.24	8.41	8.79	8.54	
Cumberworth, Lee	8.73	8.40	8.72	9.55	8.04	8.17	8.13	8.34	
De Armas, Raymond	9.17	9.29	9.16	9.55	9.05	9.11	8.96	8.87	
Dominguez, Lucio	8.98	8.70	8.78	9.43	8.02	8.38	8.54	8.53	
Foecking, Brian	8.95	8.64	8.71	9.61	8.07	8.45	8.57	8.50	
Guarda, Waldyr	8.79	8.52	8.36	9.05	7.61	8.21	8.23	7.86	
Hayden, Matthew (rerate)	8.76	8.40	8.60	9.55	8.15	8.40	8.40	8.40	
Kobrinetz, Joaquin J.	8.92	8.61	8.70	9.54	8.19	8.42	8.40	8.44	
Liang, Chen	8.80	8.81	8.66	9.16	7.98	8.13	8.63	8.47	
Lonsway, Chris	8.72	8.69	8.77	9.37	7.55	8.18	8.69	8.38	
Lopez, Frank	8.88	8.55	8.78	9.49	8.23	8.50	8.51	8.67	
Rodriguez, Edward	8.86	8.43	8.70	9.32	8.01	8.27	8.45	8.16	
Rodriguez, Jesus (Jesse)	8.83	8.30	8.62	9.37	8.26	8.29	8.68	8.17	
Sablad, Bertrand	8.78	8.67	8.72	9.22	8.14	8.44	8.34	8.36	
Seiz, Ray	9.05	9.06	8.96	9.33	8.45	8.36	9.10	9.00	
Trevino, Robert	8.87	8.55	8.72	9.42	8.32	8.59	8.57	8.68	
YaBin, Liu	8.47	8.66	7.91	9.26	9.22	7.90	8.14	7.66	
Zalewski, John	9.18	8.51	8.65	9.38	7.56	7.94	8.27	8.43	
MAXIMUM	9.03	8.88	8.80	9.61	8.40	8.64	8.79	8.74	
MINIMUM	8.68	8.30	8.35	9.04	7.55	8.09	8.25	8.06	
RANGE(MAX-MIN)	0.350	0.580	0.450	0.570	0.850	0.550	0.540	0.680	
MEAN	8.859	8.589	8.696	9.448	8.123	8.393	8.561	8.503	
STANDARD DEVIATION	0.103	0.157	0.121	0.149	0.226	0.157	0.139	0.215	
N SIZE	25.000								

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Part ID= R1-8 - SEQ. VH PISTONS

R1-8 Yi Values

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

Rater	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI	
Aguirre, Nancy P	-0.09	0.77	-0.30	0.22	1.23	-0.47	-0.01	0.40	
Barrera, Tony	-1.74	-1.27	-2.85	-2.73	-1.03	-1.93	-2.24	-2.06	
Bolaney, Jonathan	0.49	0.26	0.69	0.75	-1.16	-1.55	-1.59	-0.02	
Brawley, Greg	2.73	1.34	1.93	1.76	-0.23	-0.72	-1.66	1.80	
Broff, Andy	0.01	0.32	0.03	1.89	0.12	-1.36	0.14	-1.27	
Cales, Jonathon	1.66	1.85	0.86	0.82	-0.01	0.36	-0.08	1.10	
Caproni, David	-0.77	0.07	0.03	0.69	0.25	1.57	0.43	1.10	
Castillo, George	-0.38	-0.89	0.53	0.35	0.52	0.11	1.65	0.17	
Cumberworth, Lee	-1.26	-1.21	0.20	0.69	-0.36	-1.42	-3.10	-0.76	
De Armas, Raymond	3.02	4.47	3.82	0.69	4.10	4.56	2.87	1.71	
Dominguez, Lucio	1.17	0.71	0.69	-0.12	-0.45	-0.08	-0.15	0.12	
Foecking, Brian	0.88	0.32	0.12	1.09	-0.23	0.36	0.07	-0.02	
Guarda, Waldyr	-0.67	-0.44	-2.77	-2.66	-2.26	-1.17	-2.38	-3.00	
Hayden, Matthew (rerate)	-0.96	-1.21	-0.79	0.69	0.12	0.04	-1.16	-0.48	
Kobrinetz, Joaquin J.	0.59	0.13	0.03	0.62	0.30	0.17	-1.16	-0.29	
Liang, Chen	-0.57	1.41	-0.30	-1.93	-0.63	-1.67	0.50	-0.16	
Lonsway, Chris	-1.35	0.64	0.61	-0.52	-2.53	-1.36	0.93	-0.57	
Lopez, Frank	0.20	-0.25	0.69	0.28	0.48	0.68	-0.37	0.78	
Rodriguez, Edward	0.01	-1.02	0.03	-0.85	-0.50	-0.78	-0.80	-1.60	
Rodriguez, Jesus (Jesse)	-0.28	-1.84	-0.62	-0.52	0.61	-0.66	0.86	-1.55	
Sablad, Bertrand	-0.77	0.52	0.20	-1.52	0.08	0.30	-1.59	-0.67	
Seiz, Ray	1.85	3.00	2.18	-0.79	1.45	-0.21	3.88	2.31	
Trevino, Robert	0.11	-0.25	0.20	-0.18	0.87	1.25	0.07	0.82	
YaBin, Liu	-3.78	0.45	-6.47	-1.26	4.85	-3.14	-3.03	-3.93	
Zalewski, John	3.12	-0.50	-0.38	-0.45	-2.49	-2.88	-2.09	-0.34	
MAXIMUM	-1.74	1.85	-2.85	-2.73	-2.53	-1.93	-2.24	-2.06	
MINIMUM	-0.09	0.07	0.03	-0.12	-0.01	-0.08	-0.01	-0.02	
RANGE(MAX-MIN)	-1.652	1.786	-2.883	-2.612	-2.519	-1.844	-2.229	-2.049	
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
N SIZE	25.000								

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Part ID= S1-8 - SEQ. VH PISTONS

Rated Values

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

Rater	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI	
Aguirre, Nancy P	9.82	8.95	7.66	8.09	9.71	9.75	7.96	9.65	
Barrera, Tony	9.72	8.57	7.15	7.40	9.56	9.62	7.73	9.41	
Bolaney, Jonathan	9.79	8.70	7.19	7.85	9.70	9.79	8.27	9.71	
Caproni, David	9.90	8.84	7.71	8.10	9.80	9.75	8.08	9.65	
Castillo, George	9.77	8.81	7.81	8.08	9.70	9.73	9.74	9.72	
Cumberworth, Lee	9.86	8.82	7.85	8.10	9.76	9.86	8.18	9.80	
De Armas, Raymond	9.77	9.16	8.21	7.99	9.78	9.74	8.71	9.66	
DeCapite, Vanessa	9.86	8.80	7.23	7.95	9.71	9.84	7.81	9.79	
Dominguez, Lucio	9.77	8.77	7.60	8.05	9.76	9.76	8.35	9.75	
Foecking, Brian	9.83	8.56	7.29	8.09	9.74	9.83	8.09	9.75	
Guarda, Waldyr	9.56	8.16	7.31	7.73	9.52	9.50	7.85	9.55	
Hayden, Matthew	9.78	8.72	7.78	8.06	9.52	9.70	7.98	9.61	
Hayden, Matthew (rerate)	9.78	8.72	7.78	8.06	9.52	9.70	7.98	9.61	
Kobrinetz, Joaquin J.	9.68	8.33	7.38	7.63	9.54	9.65	7.61	9.52	
Liang, Chen	9.71	8.39	7.32	7.94	9.58	9.61	7.80	9.49	
Lonsway, Chris	9.82	8.28	6.69	7.27	9.78	9.81	7.26	9.80	
Price, Gregory	9.82	8.41	7.53	7.98	9.74	9.81	7.78	9.69	
Sanchez, Arthur	9.67	8.63	7.07	8.10	9.61	9.68	7.90	9.64	
Seiz, Ray	9.77	8.69	7.23	7.50	9.49	9.63	7.54	9.61	
YaBin, Liu	9.77	7.91	7.02	7.41	9.62	9.66	7.23	9.57	
MAXIMUM	9.90	8.95	7.81	8.10	9.80	9.84	9.74	9.80	
MINIMUM	9.67	8.28	6.69	7.27	9.52	9.62	7.26	9.41	
RANGE(MAX-MIN)	0.230	0.670	1.120	0.830	0.280	0.220	2.480	0.390	
MEAN	9.784	8.660	7.397	7.893	9.675	9.738	8.046	9.663	
STANDARD DEVIATION	0.100	0.211	0.351	0.309	0.100	0.100	0.629	0.119	
N SIZE	20.000								

Part ID= S1-8 - SEQ. VH PISTONS

S1-8 YI Values

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

Rater	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI	
Aguirre, Nancy P	0.36	1.37	0.75	0.64	0.34	0.12	-0.14	-0.11	
Barrera, Tony	-0.64	-0.43	-0.70	-1.59	-1.15	-1.18	-0.50	-2.13	
Bolaney, Jonathan	0.06	0.19	-0.59	-0.14	0.24	0.52	0.36	0.40	
Caproni, David	1.16	0.85	0.89	0.67	1.24	0.12	0.05	-0.11	
Castillo, George	-0.14	0.71	1.18	0.61	0.24	-0.08	2.69	0.48	
Cumberworth, Lee	0.76	0.76	1.29	0.67	0.84	1.22	0.21	1.15	
De Armas, Raymond	-0.14	2.37	2.31	0.31	1.04	0.02	1.05	-0.02	
DeCapite, Vanessa	0.76	0.66	-0.48	0.19	0.34	1.02	-0.38	1.07	
Dominguez, Lucio	-0.14	0.52	0.58	0.51	0.84	0.22	0.48	0.73	
Foecking, Brian	0.46	-0.47	-0.31	0.64	0.64	0.92	0.07	0.73	
Guarda, Waldyr	-2.24	-2.37	-0.25	-0.53	-1.55	-2.38	-0.31	-0.95	
Hayden, Matthew	-0.04	0.28	1.09	0.54	-1.55	-0.38	-0.11	-0.44	
Hayden, Matthew (rerate)	-0.04	0.28	1.09	0.54	-1.55	-0.38	-0.11	-0.44	
Kobrinetz, Joaquin J.	-1.04	-1.56	-0.05	-0.85	-1.35	-0.88	-0.69	-1.20	
Liang, Chen	-0.74	-1.28	-0.22	0.15	-0.95	-1.28	-0.39	-1.45	
Lonsway, Chris	0.36	-1.80	-2.01	-2.02	1.04	0.72	-1.25	1.15	
Price, Gregory	0.36	-1.18	0.38	0.28	0.64	0.72	-0.42	0.23	
Sanchez, Arthur	-1.14	-0.14	-0.93	0.67	-0.65	-0.58	-0.23	-0.19	
Seiz, Ray	-0.14	0.14	-0.48	-1.27	-1.85	-1.08	-0.80	-0.44	
YaBin, Liu	-0.14	-3.55	-1.07	-1.56	-0.55	-0.78	-1.30	-0.78	
MAXIMUM	1.16	-1.80	-2.01	-2.02	-1.55	-1.18	2.69	-2.13	
MINIMUM	-0.04	-0.14	-0.05	0.19	0.24	-0.08	0.05	-0.11	
RANGE(MAX-MIN)	1.200	-1.656	-1.965	-2.201	-1.792	-1.100	2.637	-2.018	
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
STANDARD DEVIATION	0.723	1.000	1.000	1.000	1.000	0.717	1.000	1.000	
N SIZE	20.000								

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Part ID= VRCBL - RC BFL SLUDGE L

Rated Values

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

Rater	TOTALS	
Aguirre, Nancy P	9.51	
Barrera, Tony	9.51	
Bolaney, Jonathan	9.47	
Broff, Andy	9.70	
Cales, Jonathon	9.50	
Caproni, David	9.53	
Castillo, George	9.55	
Cumberworth, Lee	9.50	
De Armas, Raymond	9.50	
DeCapite, Vanessa	9.50	
Dominguez, Lucio	9.50	
Foecking, Brian	9.50	
Guarda, Waldyr	9.56	
Hayden, Matthew	9.50	
Kobrinetz, Joaquin J.	9.55	
Liang, Chen	9.50	
Lonsway, Chris	9.50	
Lopez, Frank	9.50	
Price, Gregory	9.48	
Rodriguez, Jesus (Jesse)	9.62	
Sanchez, Arthur	9.57	
Seiz, Ray	9.43	
Trevino, Robert	9.50	
Veiga, Victor	9.55	
YaBin, Liu	9.72	
Zalewski, John	9.50	
MAXIMUM	9.72	
MINIMUM	9.43	
RANGE(MAX-MIN)	0.290	
MEAN	9.529	
STANDARD DEVIATION	0.100	
N SIZE	26.000	

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Part ID= VRCBL - RC BFL SLUDGE L

VRCBL Yi Values

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

Rater	TOTALS	
Aguirre, Nancy P	-0.19	
Barrera, Tony	-0.19	
Bolaney, Jonathan	-0.59	
Broff, Andy	1.71	
Cales, Jonathon	-0.29	
Caproni, David	0.01	
Castillo, George	0.21	
Cumberworth, Lee	-0.29	
De Armas, Raymond	-0.29	
DeCapite, Vanessa	-0.29	
Dominguez, Lucio	-0.29	
Foecking, Brian	-0.29	
Guarda, Waldyr	0.31	
Hayden, Matthew	-0.29	
Kobrinetz, Joaquin J.	0.21	
Liang, Chen	-0.29	
Lonsway, Chris	-0.29	
Lopez, Frank	-0.29	
Price, Gregory	-0.49	
Rodriguez, Jesus (Jesse)	0.91	
Sanchez, Arthur	0.41	
Seiz, Ray	-0.99	
Trevino, Robert	-0.29	
Veiga, Victor	0.21	
YaBin, Liu	1.91	
Zalewski, John	-0.29	
MAXIMUM	1.91	
MINIMUM	0.01	
RANGE(MAX-MIN)	1.900	
MEAN	0.000	
STANDARD DEVIATION	0.646	
N SIZE	26.000	

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Part ID= VRCBVL - RC BFL VARN L

Rated Values

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

Rater	AVERAG	
Aguirre, Nancy P	9.70	
Barrera, Tony	9.70	
Bolaney, Jonathan	9.85	
Broff, Andy	9.75	
Cales, Jonathon	9.80	
Caproni, David	9.80	
Castillo, George	9.84	
Cumberworth, Lee	9.90	
De Armas, Raymond	9.50	
DeCapite, Vanessa	9.73	
Dominguez, Lucio	9.80	
Foecking, Brian	9.76	
Guarda, Waldyr	9.58	
Hayden, Matthew	9.72	
Kobrinetz, Joaquin J.	9.78	
Liang, Chen	9.50	
Lonsway, Chris	9.69	
Lopez, Frank	9.75	
Price, Gregory	9.73	
Rodriguez, Jesus (Jesse)	9.82	
Sanchez, Arthur	9.70	
Seiz, Ray	9.44	
Trevino, Robert	9.76	
Veiga, Victor	9.90	
YaBin, Liu	9.60	
Zalewski, John	9.80	
MAXIMUM	9.84	
MINIMUM	9.69	
RANGE(MAX-MIN)	0.150	
MEAN	9.757	
STANDARD DEVIATION	0.100	
N SIZE	26.000	

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Part ID= VRCBVL - RC BFL VARN L

VRCBVL Yi Values

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

Rater	AVERAG	
Aguirre, Nancy P	-0.57	
Barrera, Tony	-0.57	
Bolaney, Jonathan	0.93	
Broff, Andy	-0.07	
Cales, Jonathon	0.43	
Caproni, David	0.43	
Castillo, George	0.83	
Cumberworth, Lee	1.43	
De Armas, Raymond	-2.57	
DeCapite, Vanessa	-0.27	
Dominguez, Lucio	0.43	
Foecking, Brian	0.03	
Guarda, Waldyr	-1.77	
Hayden, Matthew	-0.37	
Kobrinetz, Joaquin J.	0.23	
Liang, Chen	-2.57	
Lonsway, Chris	-0.67	
Lopez, Frank	-0.07	
Price, Gregory	-0.27	
Rodriguez, Jesus (Jesse)	0.63	
Sanchez, Arthur	-0.57	
Seiz, Ray	-3.17	
Trevino, Robert	0.03	
Veiga, Victor	1.43	
YaBin, Liu	-1.57	
Zalewski, John	0.43	
MAXIMUM	0.83	
MINIMUM	0.03	
RANGE(MAX-MIN)	0.800	
MEAN	0.000	
STANDARD DEVIATION	0.488	
N SIZE	26.000	

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Part ID= VRCL - RC SLUDGE L

Rated Values

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

Rater	TOTALS	
Aguirre, Nancy P	9.39	
Barrera, Tony	9.41	
Bolaney, Jonathan	9.28	
Broff, Andy	9.53	
Cales, Jonathon	9.38	
Caproni, David	9.46	
Castillo, George	9.34	
Cumberworth, Lee	9.54	
De Armas, Raymond	9.48	
DeCapite, Vanessa	9.45	
Dominguez, Lucio	9.26	
Foecking, Brian	9.34	
Guarda, Waldyr	9.30	
Hayden, Matthew	9.32	
Kobrinetz, Joaquin J.	9.36	
Liang, Chen	9.45	
Lonsway, Chris	9.41	
Lopez, Frank	9.40	
Price, Gregory	9.38	
Rodriguez, Jesus (Jesse)	9.25	
Sanchez, Arthur	9.36	
Seiz, Ray	9.28	
Trevino, Robert	9.39	
Veiga, Victor	9.38	
YaBin, Liu	9.45	
Zalewski, John	9.36	
MAXIMUM	9.54	
MINIMUM	9.25	
RANGE(MAX-MIN)	0.290	
MEAN	9.383	
STANDARD DEVIATION	0.100	
N SIZE	26.000	

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Part ID= VRCL - RC SLUDGE L

VRCL Yi Values

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

Rater	TOTALS	
Aguirre, Nancy P	0.07	
Barrera, Tony	0.27	
Bolaney, Jonathan	-1.03	
Broff, Andy	1.47	
Cales, Jonathon	-0.03	
Caproni, David	0.77	
Castillo, George	-0.43	
Cumberworth, Lee	1.57	
De Armas, Raymond	0.97	
DeCapite, Vanessa	0.67	
Dominguez, Lucio	-1.23	
Foecking, Brian	-0.43	
Guarda, Waldyr	-0.83	
Hayden, Matthew	-0.63	
Kobrinetz, Joaquin J.	-0.23	
Liang, Chen	0.67	
Lonsway, Chris	0.27	
Lopez, Frank	0.17	
Price, Gregory	-0.03	
Rodriguez, Jesus (Jesse)	-1.33	
Sanchez, Arthur	-0.23	
Seiz, Ray	-1.03	
Trevino, Robert	0.07	
Veiga, Victor	-0.03	
YaBin, Liu	0.67	
Zalewski, John	-0.23	
MAXIMUM	1.57	
MINIMUM	-0.03	
RANGE(MAX-MIN)	1.600	
MEAN	0.000	
STANDARD DEVIATION	0.767	
N SIZE	26.000	

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Part ID= VVDL - VALVE DECK SLUDGE L

Rated Values

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

Rater	TOTALS	
Aguirre, Nancy P	9.67	
Barrera, Tony	9.65	
Bolaney, Jonathan	9.36	
Broff, Andy	9.68	
Cales, Jonathon	9.58	
Caproni, David	9.59	
Castillo, George	9.52	
Cumberworth, Lee	9.74	
De Armas, Raymond	9.55	
DeCapite, Vanessa	9.45	
Dominguez, Lucio	9.46	
Foecking, Brian	9.52	
Guarda, Waldyr	9.74	
Hayden, Matthew	9.43	
Kobrinetz, Joaquin J.	9.59	
Liang, Chen	9.60	
Lonsway, Chris	9.44	
Lopez, Frank	9.54	
Price, Gregory	9.56	
Rodriguez, Jesus (Jesse)	9.57	
Sanchez, Arthur	9.57	
Seiz, Ray	9.68	
Trevino, Robert	9.53	
Veiga, Victor	9.60	
YaBin, Liu	9.58	
Zalewski, John	9.48	
MAXIMUM	9.74	
MINIMUM	9.36	
RANGE(MAX-MIN)	0.380	
MEAN	9.565	
STANDARD DEVIATION	0.100	
N SIZE	26.000	

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Part ID= VVDL - VALVE DECK SLUDGE L

VVDL Yi Values

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

Rater	TOTALS	
Aguirre, Nancy P	1.05	
Barrera, Tony	0.85	
Bolaney, Jonathan	-2.05	
Broff, Andy	1.15	
Cales, Jonathon	0.15	
Caproni, David	0.25	
Castillo, George	-0.45	
Cumberworth, Lee	1.75	
De Armas, Raymond	-0.15	
DeCapite, Vanessa	-1.15	
Dominguez, Lucio	-1.05	
Foecking, Brian	-0.45	
Guarda, Waldyr	1.75	
Hayden, Matthew	-1.35	
Kobrinetz, Joaquin J.	0.25	
Liang, Chen	0.35	
Lonsway, Chris	-1.25	
Lopez, Frank	-0.25	
Price, Gregory	-0.05	
Rodriguez, Jesus (Jesse)	0.05	
Sanchez, Arthur	0.05	
Seiz, Ray	1.15	
Trevino, Robert	-0.35	
Veiga, Victor	0.35	
YaBin, Liu	0.15	
Zalewski, John	-0.85	
MAXIMUM	-2.05	
MINIMUM	-0.05	
RANGE(MAX-MIN)	-2.000	
MEAN	0.000	
STANDARD DEVIATION	0.946	
N SIZE	26.000	

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Part ID= VTCC - TC CVR SLUDGE

Rated Values

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

Rater	TOTALS	
Aguirre, Nancy P	9.66	
Barrera, Tony	9.63	
Bolaney, Jonathan	9.53	
Broff, Andy	9.75	
Cales, Jonathon	9.50	
Caproni, David	9.53	
Castillo, George	9.55	
Cumberworth, Lee	9.72	
De Armas, Raymond	9.70	
DeCapite, Vanessa	9.60	
Dominguez, Lucio	9.59	
Foecking, Brian	9.59	
Guarda, Waldyr	9.69	
Hayden, Matthew	9.55	
Kobrinetz, Joaquin J.	9.67	
Liang, Chen	9.57	
Lonsway, Chris	9.45	
Lopez, Frank	9.48	
Price, Gregory	9.63	
Rodriguez, Jesus (Jesse)	9.66	
Sanchez, Arthur	9.64	
Seiz, Ray	9.61	
Trevino, Robert	9.59	
Veiga, Victor	9.55	
YaBin, Liu	9.56	
Zalewski, John	9.56	
MAXIMUM	9.75	
MINIMUM	9.45	
RANGE(MAX-MIN)	0.300	
MEAN	9.598	
STANDARD DEVIATION	0.100	
N SIZE	26.000	

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Part ID= VTCC - TC CVR SLUDGE

VTCC Yi Values

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

Rater	TOTALS	
Aguirre, Nancy P	0.62	
Barrera, Tony	0.32	
Bolaney, Jonathan	-0.68	
Broff, Andy	1.52	
Cales, Jonathon	-0.98	
Caproni, David	-0.68	
Castillo, George	-0.48	
Cumberworth, Lee	1.22	
De Armas, Raymond	1.02	
DeCapite, Vanessa	0.02	
Dominguez, Lucio	-0.08	
Foecking, Brian	-0.08	
Guarda, Waldyr	0.92	
Hayden, Matthew	-0.48	
Kobrinetz, Joaquin J.	0.72	
Liang, Chen	-0.28	
Lonsway, Chris	-1.48	
Lopez, Frank	-1.18	
Price, Gregory	0.32	
Rodriguez, Jesus (Jesse)	0.62	
Sanchez, Arthur	0.42	
Seiz, Ray	0.12	
Trevino, Robert	-0.08	
Veiga, Victor	-0.48	
YaBin, Liu	-0.38	
Zalewski, John	-0.38	
MAXIMUM	1.52	
MINIMUM	0.02	
RANGE(MAX-MIN)	1.500	
MEAN	0.000	
STANDARD DEVIATION	0.746	
N SIZE	26.000	

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Part ID= OILSCR - OIL SCREEN

Rated Values

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

Rater	P1	P2
Aguirre, Nancy P	0.00	2.00
Barrera, Tony	1.00	2.00
Bolaney, Jonathan	0.00	7.00
Broff, Andy	4.00	1.00
Cales, Jonathon	2.00	3.00
Caproni, David	3.00	2.00
Castillo, George	8.00	2.00
Cumberworth, Lee	3.00	2.00
De Armas, Raymond	10.00	3.00
DeCapite, Vanessa	5.00	2.00
Dominguez, Lucio	0.00	2.00
Foecking, Brian	3.00	2.00
Guarda, Waldyr	16.00	4.00
Hayden, Matthew	3.00	2.00
Kobrinetz, Joaquin J.	3.00	2.00
Liang, Chen	1.00	3.00
Lonsway, Chris	5.00	1.00
Lopez, Frank	8.00	2.00
Price, Gregory	3.00	2.00
Rodriguez, Jesus (Jesse)	0.00	3.00
Sanchez, Arthur	12.00	2.00
Seiz, Ray	18.00	1.00
Trevino, Robert	8.00	2.00
Veiga, Victor	5.00	1.00
Zalewski, John	10.00	4.00
MAXIMUM	18.00	4.00
MINIMUM	0.00	1.00
RANGE(MAX-MIN)	18.000	3.000
MEAN	5.240	2.167
STANDARD DEVIATION	4.918	0.816
N SIZE	25.000	

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Part ID= OILSCR - OIL SCREEN

OILSCR Y1 Values

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

Rater	P1	P2
Aguirre, Nancy P	-1.07	-0.20
Barrera, Tony	-0.86	-0.20
Bolaney, Jonathan	-1.07	5.92
Broff, Andy	-0.25	-1.43
Cales, Jonathon	-0.66	1.02
Caproni, David	-0.46	-0.20
Castillo, George	0.56	-0.20
Cumberworth, Lee	-0.46	-0.20
De Armas, Raymond	0.97	1.02
DeCapite, Vanessa	-0.05	-0.20
Dominguez, Lucio	-1.07	-0.20
Foecking, Brian	-0.46	-0.20
Guarda, Waldyr	2.19	2.25
Hayden, Matthew	-0.46	-0.20
Kobrinetz, Joaquin J.	-0.46	-0.20
Liang, Chen	-0.86	1.02
Lonsway, Chris	-0.05	-1.43
Lopez, Frank	0.56	-0.20
Price, Gregory	-0.46	-0.20
Rodriguez, Jesus (Jesse)	-1.07	1.02
Sanchez, Arthur	1.37	-0.20
Seiz, Ray	2.59	-1.43
Trevino, Robert	0.56	-0.20
Veiga, Victor	-0.05	-1.43
Zalewski, John	0.97	2.25
MAXIMUM	2.59	2.25
MINIMUM	-0.05	-0.20
RANGE(MAX-MIN)	2.643	2.450
MEAN	0.000	0.000
STANDARD DEVIATION	1.000	1.000
N SIZE	25.000	

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Part ID= VRCBR - RC BFL SLUDGE R

Rated Values

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

Rater	TOTALS	
Aguirre, Nancy P	9.54	
Barrera, Tony	9.54	
Bolaney, Jonathan	9.47	
Broff, Andy	9.65	
Cales, Jonathon	9.50	
Caproni, David	9.50	
Castillo, George	9.63	
Cumberworth, Lee	9.50	
De Armas, Raymond	9.63	
DeCapite, Vanessa	9.50	
Dominguez, Lucio	9.50	
Foecking, Brian	9.50	
Guarda, Waldyr	9.45	
Hayden, Matthew	9.48	
Kobrinetz, Joaquin J.	9.65	
Liang, Chen	9.48	
Lonsway, Chris	9.50	
Lopez, Frank	9.54	
Price, Gregory	9.45	
Rodriguez, Jesus (Jesse)	9.62	
Sanchez, Arthur	9.65	
Seiz, Ray	9.35	
Trevino, Robert	9.53	
Veiga, Victor	9.50	
YaBin, Liu	9.52	
Zalewski, John	9.54	
MAXIMUM	9.65	
MINIMUM	9.35	
RANGE(MAX-MIN)	0.300	
MEAN	9.528	
STANDARD DEVIATION	0.100	
N SIZE	26.000	

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Part ID= VRCBR - RC BFL SLUDGE R

VRCBR Yi Values

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

Rater	TOTALS	
Aguirre, Nancy P	0.12	
Barrera, Tony	0.12	
Bolaney, Jonathan	-0.58	
Broff, Andy	1.22	
Cales, Jonathon	-0.28	
Caproni, David	-0.28	
Castillo, George	1.02	
Cumberworth, Lee	-0.28	
De Armas, Raymond	1.02	
DeCapite, Vanessa	-0.28	
Dominguez, Lucio	-0.28	
Foecking, Brian	-0.28	
Guarda, Waldyr	-0.78	
Hayden, Matthew	-0.48	
Kobrinetz, Joaquin J.	1.22	
Liang, Chen	-0.48	
Lonsway, Chris	-0.28	
Lopez, Frank	0.12	
Price, Gregory	-0.78	
Rodriguez, Jesus (Jesse)	0.92	
Sanchez, Arthur	1.22	
Seiz, Ray	-1.78	
Trevino, Robert	0.02	
Veiga, Victor	-0.28	
YaBin, Liu	-0.08	
Zalewski, John	0.12	
MAXIMUM	-1.78	
MINIMUM	0.02	
RANGE(MAX-MIN)	-1.800	
MEAN	0.000	
STANDARD DEVIATION	0.728	
N SIZE	26.000	

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Part ID= VRCBVR - RC BFL VARN R

Rated Values

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

Rater	AVERAG	
Aguirre, Nancy P	9.70	
Barrera, Tony	9.70	
Bolaney, Jonathan	9.83	
Broff, Andy	9.75	
Cales, Jonathon	9.80	
Caproni, David	9.80	
Castillo, George	9.82	
Cumberworth, Lee	9.90	
De Armas, Raymond	9.50	
DeCapite, Vanessa	9.73	
Dominguez, Lucio	9.70	
Foecking, Brian	9.77	
Guarda, Waldyr	9.53	
Hayden, Matthew	9.76	
Kobrinetz, Joaquin J.	9.84	
Liang, Chen	9.50	
Lonsway, Chris	9.70	
Lopez, Frank	9.75	
Price, Gregory	9.68	
Rodriguez, Jesus (Jesse)	9.82	
Sanchez, Arthur	9.70	
Seiz, Ray	9.44	
Trevino, Robert	9.75	
Veiga, Victor	9.90	
YaBin, Liu	9.70	
Zalewski, John	9.80	
MAXIMUM	9.84	
MINIMUM	9.70	
RANGE(MAX-MIN)	0.140	
MEAN	9.756	
STANDARD DEVIATION	0.100	
N SIZE	26.000	

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Part ID= VRCBVR - RC BFL VARN R

VRCBVR Yi Values

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

Rater	AVERAG	
Aguirre, Nancy P	-0.56	
Barrera, Tony	-0.56	
Bolaney, Jonathan	0.74	
Broff, Andy	-0.06	
Cales, Jonathon	0.44	
Caproni, David	0.44	
Castillo, George	0.64	
Cumberworth, Lee	1.44	
De Armas, Raymond	-2.56	
DeCapite, Vanessa	-0.26	
Dominguez, Lucio	-0.56	
Foecking, Brian	0.14	
Guarda, Waldyr	-2.26	
Hayden, Matthew	0.04	
Kobrinetz, Joaquin J.	0.84	
Liang, Chen	-2.56	
Lonsway, Chris	-0.56	
Lopez, Frank	-0.06	
Price, Gregory	-0.76	
Rodriguez, Jesus (Jesse)	0.64	
Sanchez, Arthur	-0.56	
Seiz, Ray	-3.16	
Trevino, Robert	-0.06	
Veiga, Victor	1.44	
YaBin, Liu	-0.56	
Zalewski, John	0.44	
MAXIMUM	0.84	
MINIMUM	0.04	
RANGE(MAX-MIN)	0.800	
MEAN	0.000	
STANDARD DEVIATION	0.505	
N SIZE	26.000	

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Part ID= VRRCR - RC SLUDGE R

Rated Values

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

Rater	TOTALS	
Aguirre, Nancy P	9.36	
Barrera, Tony	9.40	
Bolaney, Jonathan	9.17	
Broff, Andy	9.46	
Cales, Jonathon	9.27	
Caproni, David	9.17	
Castillo, George	9.30	
Cumberworth, Lee	9.47	
De Armas, Raymond	9.16	
DeCapite, Vanessa	9.29	
Dominguez, Lucio	9.23	
Foecking, Brian	9.28	
Guarda, Waldyr	9.25	
Hayden, Matthew	9.16	
Kobrinetz, Joaquin J.	9.34	
Liang, Chen	9.38	
Lonsway, Chris	9.33	
Lopez, Frank	9.13	
Price, Gregory	9.35	
Rodriguez, Jesus (Jesse)	9.18	
Sanchez, Arthur	9.41	
Seiz, Ray	9.19	
Trevino, Robert	9.28	
Veiga, Victor	9.13	
YaBin, Liu	9.82	
Zalewski, John	9.37	
MAXIMUM	9.47	
MINIMUM	9.13	
RANGE(MAX-MIN)	0.340	
MEAN	9.282	
STANDARD DEVIATION	0.103	
N SIZE	26.000	

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Part ID= VRRCR - RC SLUDGE R

VRRCR YI Values

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

Rater	TOTALS	
Aguirre, Nancy P	0.75	
Barrera, Tony	1.14	
Bolaney, Jonathan	-1.09	
Broff, Andy	1.72	
Cales, Jonathon	-0.12	
Caproni, David	-1.09	
Castillo, George	0.17	
Cumberworth, Lee	1.82	
De Armas, Raymond	-1.19	
DeCapite, Vanessa	0.07	
Dominguez, Lucio	-0.51	
Foecking, Brian	-0.02	
Guarda, Waldyr	-0.31	
Hayden, Matthew	-1.19	
Kobrinetz, Joaquin J.	0.56	
Liang, Chen	0.95	
Lonsway, Chris	0.46	
Lopez, Frank	-1.48	
Price, Gregory	0.66	
Rodriguez, Jesus (Jesse)	-0.99	
Sanchez, Arthur	1.24	
Seiz, Ray	-0.90	
Trevino, Robert	-0.02	
Veiga, Victor	-1.48	
YaBin, Liu	5.21	
Zalewski, John	0.85	
MAXIMUM	1.82	
MINIMUM	-0.02	
RANGE(MAX-MIN)	1.842	
MEAN	0.000	
STANDARD DEVIATION	1.000	
N SIZE	26.000	

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Part ID= VVDR - VALVE DECK SLUDGE R

Rated Values

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

Rater	TOTALS	
Aguirre, Nancy P	9.56	
Barrera, Tony	9.56	
Bolaney, Jonathan	9.39	
Broff, Andy	9.60	
Cales, Jonathon	9.43	
Caproni, David	9.60	
Castillo, George	9.45	
Cumberworth, Lee	9.70	
De Armas, Raymond	9.58	
DeCapite, Vanessa	9.45	
Dominguez, Lucio	9.31	
Foecking, Brian	9.47	
Guarda, Waldyr	9.53	
Hayden, Matthew	9.33	
Kobrinetz, Joaquin J.	9.52	
Liang, Chen	9.46	
Lonsway, Chris	9.42	
Lopez, Frank	9.54	
Price, Gregory	9.48	
Rodriguez, Jesus (Jesse)	9.48	
Sanchez, Arthur	9.43	
Seiz, Ray	9.73	
Trevino, Robert	9.44	
Veiga, Victor	9.57	
YaBin, Liu	9.45	
Zalewski, John	9.37	
MAXIMUM	9.73	
MINIMUM	9.31	
RANGE(MAX-MIN)	0.420	
MEAN	9.494	
STANDARD DEVIATION	0.102	
N SIZE	26.000	

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Part ID= VVDR - VALVE DECK SLUDGE R

VVDR Yi Values

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

Rater	TOTALS	
Aguirre, Nancy P	0.65	
Barrera, Tony	0.65	
Bolaney, Jonathan	-1.03	
Broff, Andy	1.04	
Cales, Jonathon	-0.63	
Caproni, David	1.04	
Castillo, George	-0.44	
Cumberworth, Lee	2.03	
De Armas, Raymond	0.84	
DeCapite, Vanessa	-0.44	
Dominguez, Lucio	-1.81	
Foecking, Brian	-0.24	
Guarda, Waldyr	0.35	
Hayden, Matthew	-1.62	
Kobrinetz, Joaquin J.	0.25	
Liang, Chen	-0.34	
Lonsway, Chris	-0.73	
Lopez, Frank	0.45	
Price, Gregory	-0.14	
Rodriguez, Jesus (Jesse)	-0.14	
Sanchez, Arthur	-0.63	
Seiz, Ray	2.32	
Trevino, Robert	-0.53	
Veiga, Victor	0.75	
YaBin, Liu	-0.44	
Zalewski, John	-1.22	
MAXIMUM	2.32	
MINIMUM	-0.14	
RANGE(MAX-MIN)	2.461	
MEAN	0.000	
STANDARD DEVIATION	1.000	
N SIZE	26.000	

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Part ID= VOPB - OIL PAN BFL SLUDGE

Rated Values

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

Rater	TOTALS	
Aguirre, Nancy P	9.44	
Barrera, Tony	9.44	
Bolaney, Jonathan	9.54	
Broff, Andy	9.75	
Cales, Jonathon	9.37	
Caproni, David	9.37	
Castillo, George	9.39	
Cumberworth, Lee	9.45	
De Armas, Raymond	9.45	
DeCapite, Vanessa	9.52	
Dominguez, Lucio	9.39	
Foecking, Brian	9.52	
Guarda, Waldyr	9.38	
Hayden, Matthew	9.56	
Kobrinetz, Joaquin J.	9.60	
Liang, Chen	9.38	
Lonsway, Chris	9.50	
Lopez, Frank	9.46	
Price, Gregory	9.50	
Rodriguez, Jesus (Jesse)	9.51	
Sanchez, Arthur	9.53	
Seiz, Ray	9.40	
Trevino, Robert	9.48	
Veiga, Victor	9.53	
YaBin, Liu	9.47	
Zalewski, John	9.50	
MAXIMUM	9.75	
MINIMUM	9.37	
RANGE(MAX-MIN)	0.380	
MEAN	9.478	
STANDARD DEVIATION	0.100	
N SIZE	26.000	

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Part ID= VOPB - OIL PAN BFL SLUDGE

VOPB Y1 Values

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

Rater	TOTALS	
Aguirre, Nancy P	-0.38	
Barrera, Tony	-0.38	
Bolaney, Jonathan	0.62	
Broff, Andy	2.72	
Cales, Jonathon	-1.08	
Caproni, David	-1.08	
Castillo, George	-0.88	
Cumberworth, Lee	-0.28	
De Armas, Raymond	-0.28	
DeCapite, Vanessa	0.42	
Dominguez, Lucio	-0.88	
Foecking, Brian	0.42	
Guarda, Waldyr	-0.98	
Hayden, Matthew	0.82	
Kobrinetz, Joaquin J.	1.22	
Liang, Chen	-0.98	
Lonsway, Chris	0.22	
Lopez, Frank	-0.18	
Price, Gregory	0.22	
Rodriguez, Jesus (Jesse)	0.32	
Sanchez, Arthur	0.52	
Seiz, Ray	-0.78	
Trevino, Robert	0.02	
Veiga, Victor	0.52	
YaBin, Liu	-0.08	
Zalewski, John	0.22	
MAXIMUM	2.72	
MINIMUM	0.02	
RANGE(MAX-MIN)	2.700	
MEAN	0.000	
STANDARD DEVIATION	0.848	
N SIZE	26.000	

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Part ID= VOP - OIL PAN SLUDGE

Rated Values

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

Rater	TOTALS	
Aguirre, Nancy P	9.52	
Barrera, Tony	9.52	
Bolaney, Jonathan	9.45	
Broff, Andy	9.70	
Cales, Jonathon	9.42	
Caproni, David	9.41	
Castillo, George	9.51	
Cumberworth, Lee	9.58	
De Armas, Raymond	9.53	
DeCapite, Vanessa	9.53	
Dominguez, Lucio	9.48	
Foecking, Brian	9.47	
Guarda, Waldyr	9.46	
Hayden, Matthew	9.51	
Kobrinetz, Joaquin J.	9.47	
Liang, Chen	9.43	
Lonsway, Chris	9.51	
Lopez, Frank	9.40	
Price, Gregory	9.53	
Rodriguez, Jesus (Jesse)	9.46	
Sanchez, Arthur	9.45	
Seiz, Ray	9.52	
Trevino, Robert	9.52	
Veiga, Victor	9.61	
YaBin, Liu	9.50	
Zalewski, John	9.57	
MAXIMUM	9.70	
MINIMUM	9.40	
RANGE(MAX-MIN)	0.300	
MEAN	9.502	
STANDARD DEVIATION	0.100	
N SIZE	26.000	

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Part ID= VOP - OIL PAN SLUDGE

VOP YI Values

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

Rater	TOTALS	
Aguirre, Nancy P	0.18	
Barrera, Tony	0.18	
Bolaney, Jonathan	-0.52	
Broff, Andy	1.98	
Cales, Jonathon	-0.82	
Caproni, David	-0.92	
Castillo, George	0.08	
Cumberworth, Lee	0.78	
De Armas, Raymond	0.28	
DeCapite, Vanessa	0.28	
Dominguez, Lucio	-0.22	
Foecking, Brian	-0.32	
Guarda, Waldyr	-0.42	
Hayden, Matthew	0.08	
Kobrinetz, Joaquin J.	-0.32	
Liang, Chen	-0.72	
Lonsway, Chris	0.08	
Lopez, Frank	-1.02	
Price, Gregory	0.28	
Rodriguez, Jesus (Jesse)	-0.42	
Sanchez, Arthur	-0.52	
Seiz, Ray	0.18	
Trevino, Robert	0.18	
Veiga, Victor	1.08	
YaBin, Liu	-0.02	
Zalewski, John	0.68	
MAXIMUM	1.98	
MINIMUM	-0.02	
RANGE(MAX-MIN)	2.000	
MEAN	0.000	
STANDARD DEVIATION	0.656	
N SIZE	26.000	

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Part ID= VRCBLX - RC BFL SLUDGE L - LED

Rated Values

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

Rater	TOTALS	
Bolaney, Jonathan	9.50	
Foecking, Brian	9.50	
Kobrinetz, Joaquin J.	9.61	
MAXIMUM	9.61	
MINIMUM	9.50	
RANGE(MAX-MIN)	0.110	
MEAN	9.537	
STANDARD DEVIATION	0.100	
N SIZE	3.000	

Part ID= VRCBLX - RC BFL SLUDGE L - LED

VRCBLX Yi Values

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

Rater	TOTALS	
Bolaney, Jonathan	-0.37	
Foecking, Brian	-0.37	
Kobrinetz, Joaquin J.	0.73	
MAXIMUM	0.73	
MINIMUM	-0.37	
RANGE(MAX-MIN)	1.100	
MEAN	0.000	
STANDARD DEVIATION	0.635	
N SIZE	3.000	

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Part ID= VRCBVLX - RC BFL VARN L - LED

Rated Values

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

Rater	AVERAG	
Bolaney, Jonathan	9.86	
Foecking, Brian	9.83	
Kobrinetz, Joaquin J.	9.82	
MAXIMUM	9.82	
MINIMUM	9.82	
RANGE(MAX-MIN)	0.000	
MEAN	9.820	
STANDARD DEVIATION	0.000	
N SIZE	3.000	

Part ID= VRCBVLX - RC BFL VARN L - LED

VRCBVLX Yi Values

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

Rater	AVERAG	
Bolaney, Jonathan	4,000,000.00	
Foecking, Brian	1,000,000.00	
Kobrinetz, Joaquin J.	0.00	
MAXIMUM	0.00	
MINIMUM	0.00	
RANGE(MAX-MIN)	0.000	
MEAN	0.000	
STANDARD DEVIATION	0.000	
N SIZE	3.000	

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Part ID= VRCLX - RC SLUDGE L - LED

Rated Values

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

Rater	TOTALS	
Bolaney, Jonathan	9.39	
Foecking, Brian	9.39	
Kobrinetz, Joaquin J.	9.35	
MAXIMUM	9.39	
MINIMUM	9.35	
RANGE(MAX-MIN)	0.040	
MEAN	9.377	
STANDARD DEVIATION	0.100	
N SIZE	3.000	

Part ID= VRCLX - RC SLUDGE L - LED

VRCLX YI Values

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

Rater	TOTALS	
Bolaney, Jonathan	0.13	
Foecking, Brian	0.13	
Kobrinetz, Joaquin J.	-0.27	
MAXIMUM	-0.27	
MINIMUM	0.13	
RANGE(MAX-MIN)	-0.400	
MEAN	0.000	
STANDARD DEVIATION	0.231	
N SIZE	3.000	

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Part ID= VVDLX - VALVE DECK SLUDGE L - LED

Rated Values

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

Rater	TOTALS	
Foecking, Brian	9.50	
Kobrinetz, Joaquin J.	9.57	
MAXIMUM	9.50	
MINIMUM	9.50	
RANGE(MAX-MIN)	0.000	
MEAN	9.500	
STANDARD DEVIATION	0.000	
N SIZE	2.000	

Part ID= VVDLX - VALVE DECK SLUDGE L - LED

VVDLX YI Values

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

Rater	TOTALS	
Foecking, Brian	0.00	
Kobrinetz, Joaquin J.	7,000,000.00	
MAXIMUM	0.00	
MINIMUM	0.00	
RANGE(MAX-MIN)	0.000	
MEAN	0.000	
STANDARD DEVIATION	0.000	
N SIZE	2.000	

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Part ID= VTCCX - TC CVR SLUDGE - LED

Rated Values

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

Rater	TOTALS	
Bolaney, Jonathan	9.62	
Foecking, Brian	9.57	
Kobrinetz, Joaquin J.	9.61	
MAXIMUM	9.62	
MINIMUM	9.57	
RANGE(MAX-MIN)	0.050	
MEAN	9.600	
STANDARD DEVIATION	0.100	
N SIZE	3.000	

Part ID= VTCCX - TC CVR SLUDGE - LED

VTCCX YI Values

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

Rater	TOTALS	
Bolaney, Jonathan	0.20	
Foecking, Brian	-0.30	
Kobrinetz, Joaquin J.	0.10	
MAXIMUM	-0.30	
MINIMUM	0.10	
RANGE(MAX-MIN)	-0.400	
MEAN	0.000	
STANDARD DEVIATION	0.265	
N SIZE	3.000	

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Part ID= OILSCRX - OIL SCREEN - LED

Rated Values

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

Rater	P1	P2
Bolaney, Jonathan	0.00	6.00
Foecking, Brian	3.00	2.00
Kobrinetz, Joaquin J.	3.00	2.00
MAXIMUM	3.00	6.00
MINIMUM	0.00	2.00
RANGE(MAX-MIN)	3.000	4.000
MEAN	2.000	3.333
STANDARD DEVIATION	1.732	2.309
N SIZE	3.000	

Part ID= OILSCRX - OIL SCREEN - LED

OILSCRX YI Values

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

Rater	P1	P2
Bolaney, Jonathan	-1.15	1.15
Foecking, Brian	0.58	-0.58
Kobrinetz, Joaquin J.	0.58	-0.58
MAXIMUM	-1.15	1.15
MINIMUM	0.58	-0.58
RANGE(MAX-MIN)	-1.732	1.732
MEAN	0.000	0.000
STANDARD DEVIATION	1.000	1.000
N SIZE	3.000	

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Part ID= VRCBRX - RC BFL SLUDGE R - LED

Rated Values

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

Rater	TOTALS	
Bolaney, Jonathan	9.48	
Foecking, Brian	9.50	
Kobrinetz, Joaquin J.	9.60	
MAXIMUM	9.60	
MINIMUM	9.48	
RANGE(MAX-MIN)	0.120	
MEAN	9.527	
STANDARD DEVIATION	0.100	
N SIZE	3.000	

Part ID= VRCBRX - RC BFL SLUDGE R - LED

VRCBRX YI Values

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

Rater	TOTALS	
Bolaney, Jonathan	-0.47	
Foecking, Brian	-0.27	
Kobrinetz, Joaquin J.	0.73	
MAXIMUM	0.73	
MINIMUM	-0.27	
RANGE(MAX-MIN)	1.000	
MEAN	0.000	
STANDARD DEVIATION	0.643	
N SIZE	3.000	

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Part ID= VRCBVRX - RC BFL VARN R - LED

Rated Values

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

Rater	AVERAG	
Bolaney, Jonathan	9.82	
Foecking, Brian	9.83	
Kobrinetz, Joaquin J.	9.80	
MAXIMUM	9.80	
MINIMUM	9.80	
RANGE(MAX-MIN)	0.000	
MEAN	9.800	
STANDARD DEVIATION	0.000	
N SIZE	3.000	

Part ID= VRCBVRX - RC BFL VARN R - LED

VRCBVRX Yi Values

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

Rater	AVERAG	
Bolaney, Jonathan	2,000,000.00	
Foecking, Brian	3,000,000.00	
Kobrinetz, Joaquin J.	0.00	
MAXIMUM	0.00	
MINIMUM	0.00	
RANGE(MAX-MIN)	0.000	
MEAN	0.000	
STANDARD DEVIATION	0.000	
N SIZE	3.000	

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Part ID= VR CRX - RC SLUDGE R - LED

Rated Values

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

Rater	TOTALS	
Foecking, Brian	9.21	
Kobrinetz, Joaquin J.	9.34	
MAXIMUM	9.21	
MINIMUM	9.21	
RANGE(MAX-MIN)	0.000	
MEAN	9.210	
STANDARD DEVIATION	0.000	
N SIZE	2.000	

Part ID= VR CRX - RC SLUDGE R - LED

VR CRX YI Values

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

Rater	TOTALS	
Foecking, Brian	0.00	
Kobrinetz, Joaquin J.	10,000,000.00	
MAXIMUM	0.00	
MINIMUM	0.00	
RANGE(MAX-MIN)	0.000	
MEAN	0.000	
STANDARD DEVIATION	0.000	
N SIZE	2.000	

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Part ID= VVDRX - VALVE DECK SLUDGE R - LED

Rated Values

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

Rater	TOTALS	
Foecking, Brian	9.43	
Kobrinetz, Joaquin J.	9.53	
MAXIMUM	9.43	
MINIMUM	9.43	
RANGE(MAX-MIN)	0.000	
MEAN	9.430	
STANDARD DEVIATION	0.000	
N SIZE	2.000	

Part ID= VVDRX - VALVE DECK SLUDGE R - LED

VVDRX YI Values

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

Rater	TOTALS	
Foecking, Brian	0.00	
Kobrinetz, Joaquin J.	10,000,000.00	
MAXIMUM	0.00	
MINIMUM	0.00	
RANGE(MAX-MIN)	0.000	
MEAN	0.000	
STANDARD DEVIATION	0.000	
N SIZE	2.000	

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Part ID= VOPBX - OIL PAN BFL SLUDGE - LED

Rated Values

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

Rater	TOTALS	
Foecking, Brian	9.52	
Kobrinetz, Joaquin J.	9.59	
MAXIMUM	9.52	
MINIMUM	9.52	
RANGE(MAX-MIN)	0.000	
MEAN	9.520	
STANDARD DEVIATION	0.000	
N SIZE	2.000	

Part ID= VOPBX - OIL PAN BFL SLUDGE - LED

VOPBX YI Values

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

Rater	TOTALS	
Foecking, Brian	0.00	
Kobrinetz, Joaquin J.	7,000,000.00	
MAXIMUM	0.00	
MINIMUM	0.00	
RANGE(MAX-MIN)	0.000	
MEAN	0.000	
STANDARD DEVIATION	0.000	
N SIZE	2.000	

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Part ID= VOPX - OIL PAN SLUDGE - LED

Rated Values

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

Rater	TOTALS	
Foecking, Brian	9.44	
Kobrinetz, Joaquin J.	9.51	
MAXIMUM	9.44	
MINIMUM	9.44	
RANGE(MAX-MIN)	0.000	
MEAN	9.440	
STANDARD DEVIATION	0.000	
N SIZE	2.000	

Part ID= VOPX - OIL PAN SLUDGE - LED

VOPX Y1 Values

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

Rater	TOTALS	
Foecking, Brian	0.00	
Kobrinetz, Joaquin J.	7,000,000.00	
MAXIMUM	0.00	
MINIMUM	0.00	
RANGE(MAX-MIN)	0.000	
MEAN	0.000	
STANDARD DEVIATION	0.000	
N SIZE	2.000	

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Rater= Aguirre, Nancy P

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	THTOT	ATTOT	FRTOT	RRTOT
A1-SEQUENCE IIIG PISTON	0.60	0.81	0.26	0.38	0.70	0.48	0.01		
A2-SEQUENCE IIIG PISTON	0.02	0.55	0.43	1.81	0.98	-0.09	0.05		
A3-SEQUENCE IIIH PISTON	1.80	0.04	0.66	1.67	0.38	0.77	1.35		
A4-SEQUENCE IIIH PISTON	0.05	0.04	0.46	0.29	1.20	-0.34	-0.30		
A5-GMOD PISTON	0.44	1.05	0.28	0.25	-0.45	0.40	0.68		
A6-GMOD PISTON	0.18	1.02	-0.32	0.40	0.83	1.26	-0.41		
B1-SEQUENCE IIIG PISTON									
B2-SEQUENCE IIIG PISTON									
B3-SEQUENCE IIIH PISTON									
B4-SEQUENCE IIIH PISTON									
B5-GMOD PISTON									
B6-GMOD PISTON									
C1-SEQUENCE IIIG PISTON	1.68	0.09	0.70	-0.70	1.67	0.60	-0.29		
C2-SEQUENCE IIIG PISTON	0.04	0.13	0.01	1.49	1.18	0.72	-0.25		
C3-SEQUENCE IIIH PISTON	-0.49	0.54	0.75	0.87	1.51	-0.11	-0.06		
C4-SEQUENCE IIIH PISTON	0.67	0.77	1.76	2.15	0.41	0.42	0.80		
C5-GMOD PISTON	-0.32	-0.21	0.17	0.90	0.02	0.99	0.38		
C6-GMOD PISTON	-0.54	-0.27	0.05	1.18	-0.23	0.15	-0.18		
MAXIMUM	1.80	1.05	1.76	2.15	1.67	1.26	1.35		
MINIMUM	0.02	0.04	0.01	0.25	0.02	-0.09	0.01		
RANGE(MAX-MIN)	1.780	1.010	1.750	1.900	1.650	1.350	1.340		
MEAN	0.344	0.380	0.434	0.891	0.683	0.438	0.148		
STANDARD DEVIATION	0.758	0.467	0.522	0.814	0.675	0.474	0.543		

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Rater= Arrizon, Richard

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	THTOT	ATTOT	FRTOT	RRTOT
A1-SEQUENCE IIIG PISTON	0.39	0.41	0.16	0.21	-0.33	-0.50	-0.99		
A2-SEQUENCE IIIG PISTON	0.02	-0.87	-0.10	-0.21	-0.74	-0.09	0.05		
A3-SEQUENCE IIIG PISTON	-0.38	0.04	-0.86	-0.10	-0.34	0.50	0.26		
A4-SEQUENCE IIIG PISTON	-0.05	-0.06	-0.04	0.59	0.21	-0.34	-0.30		
A5-GMOD PISTON	-0.26	-1.46	0.98	0.25	-0.65	0.48	0.54		
A6-GMOD PISTON	-1.02	-1.32	0.65	-0.50	-0.11	0.30	-0.41		
B1-SEQUENCE IIIG PISTON									
B2-SEQUENCE IIIG PISTON									
B3-SEQUENCE IIIG PISTON									
B4-SEQUENCE IIIG PISTON									
B5-GMOD PISTON									
B6-GMOD PISTON									
C1-SEQUENCE IIIG PISTON									
C2-SEQUENCE IIIG PISTON									
C3-SEQUENCE IIIG PISTON									
C4-SEQUENCE IIIG PISTON									
C5-GMOD PISTON									
C6-GMOD PISTON									
MAXIMUM	-1.02	-1.46	0.98	0.59	-0.74	-0.50	-0.99		
MINIMUM	0.02	0.04	-0.04	-0.10	-0.11	-0.09	0.05		
RANGE(MAX-MIN)	-1.040	-1.500	1.020	0.690	-0.630	-0.410	-1.040		
MEAN	-0.217	-0.543	0.132	0.040	-0.327	0.058	-0.142		
STANDARD DEVIATION	0.474	0.779	0.641	0.387	0.349	0.430	0.544		

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Rater= Barrera, Tony

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	THTOT	ATTOT	FRTOT	RRTOT
A1-SEQUENCE IIIG PISTON									
A2-SEQUENCE IIIG PISTON									
A3-SEQUENCE IIIG PISTON									
A4-SEQUENCE IIIG PISTON									
A5-GMOD PISTON									
A6-GMOD PISTON									
B1-SEQUENCE IIIG PISTON	-0.01	1.12	-0.12	-0.33	-0.40	-2.17	0.06		
B2-SEQUENCE IIIG PISTON	0.50	-0.94	-0.11	-0.42	-0.84	-1.93	-0.71		
B3-SEQUENCE IIIG PISTON	0.33	1.65	0.06	0.17	0.61	-0.18	0.12		
B4-SEQUENCE IIIG PISTON	0.96	-1.07	-0.57	-0.12	-1.75	-0.15	-0.21		
B5-GMOD PISTON	1.36	-0.41	-0.57	0.32	-1.27	-1.28	0.15		
B6-GMOD PISTON	-0.95	0.70	-1.41	0.25	0.06	-0.33	0.92		
C1-SEQUENCE IIIG PISTON	-0.57	-0.21	-1.03	-1.20	0.01	-0.84	0.11		
C2-SEQUENCE IIIG PISTON	-0.06	0.13	0.21	-0.71	-0.08	0.32	-0.15		
C3-SEQUENCE IIIG PISTON	-1.58	-0.34	-1.25	-1.30	-0.72	-0.11	-0.06		
C4-SEQUENCE IIIG PISTON	-1.60	-1.17	-0.30	-0.45	-1.43	-1.48	-1.03		
C5-GMOD PISTON	-0.42	-2.07	-0.53	0.20	-2.85	-0.30	-0.42		
C6-GMOD PISTON	-0.29	-1.77	-1.75	-0.95	-2.03	-0.25	0.12		
MAXIMUM	-1.60	-2.07	-1.75	-1.30	-2.85	-2.17	-1.03		
MINIMUM	-0.01	0.13	0.06	-0.12	0.01	-0.11	0.06		
RANGE(MAX-MIN)	-1.590	-2.200	-1.810	-1.180	-2.860	-2.060	-1.090		
MEAN	-0.194	-0.365	-0.614	-0.378	-0.891	-0.725	-0.092		
STANDARD DEVIATION	0.916	1.129	0.621	0.568	1.009	0.803	0.488		

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Rater= Bolaney, Jonathan

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	THTOT	ATTOT	FRTOT	RRTOT
A1-SEQUENCE IIIG PISTON	-1.10	-0.49	0.16	-2.10	-1.37	-1.39	-0.39		
A2-SEQUENCE IIIG PISTON									
A3-SEQUENCE IIIG PISTON	-0.64	-0.06	1.15	0.60	-1.63	0.68	0.71		
A4-SEQUENCE IIIG PISTON	0.05	-0.16	0.76	-0.61	-1.12	-0.64	-0.60		
A5-GMOD PISTON									
A6-GMOD PISTON									
B1-SEQUENCE IIIG PISTON	0.09	-0.22	0.95	4.57	-1.04	0.03	-0.24		
B2-SEQUENCE IIIG PISTON									
B3-SEQUENCE IIIG PISTON	-0.06	-0.79	-0.02	-0.92	-0.31	0.32	0.90		
B4-SEQUENCE IIIG PISTON									
B5-GMOD PISTON									
B6-GMOD PISTON									
C1-SEQUENCE IIIG PISTON	-0.68	-0.41	-0.06	0.40	-2.53	0.12	-0.39		
C2-SEQUENCE IIIG PISTON	0.04	-0.57	0.31	1.79	-1.37	-2.68	-0.45		
C3-SEQUENCE IIIG PISTON	-0.36	-1.92	1.25	-0.95	0.64	-0.11	-0.06		
C4-SEQUENCE IIIG PISTON	-0.31	-1.46	-0.22	-1.36	-0.75	0.02	0.86		
C5-GMOD PISTON	-0.62	-1.48	0.47	0.80	0.10	-2.15	-0.32		
C6-GMOD PISTON									
MAXIMUM	-1.10	-1.92	1.25	4.57	-2.53	-2.68	0.90		
MINIMUM	0.04	-0.06	-0.02	0.40	0.10	0.02	-0.06		
RANGE(MAX-MIN)	-1.140	-1.860	1.270	4.170	-2.630	-2.700	0.960		
MEAN	-0.359	-0.756	0.475	0.222	-0.938	-0.580	0.002		
STANDARD DEVIATION	0.397	0.644	0.527	1.919	0.908	1.124	0.585		

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Rater= Brawley, Greg

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	THTOT	ATTOT	FRTOT	RRTOT	
A1-SEQUENCE IIIIG PISTON										
A2-SEQUENCE IIIIG PISTON										
A3-SEQUENCE IIIIH PISTON										
A4-SEQUENCE IIIIH PISTON										
A5-GMOD PISTON										
A6-GMOD PISTON										
B1-SEQUENCE IIIIG PISTON	0.09	0.67	0.86	1.97	2.33	0.35	0.06			
B2-SEQUENCE IIIIG PISTON	1.18	-0.82	-1.61	-0.12	-1.48	-3.77	-0.55			
B3-SEQUENCE IIIIH PISTON	0.97	3.52	0.35	-0.22	1.40	-0.08	0.47			
B4-SEQUENCE IIIIH PISTON	0.10	-1.10	-1.78	-3.09	-0.28	-0.15	-0.41			
B5-GMOD PISTON	0.56	-0.65	0.13	0.50	-1.36	0.72	-0.25			
B6-GMOD PISTON	-0.05	-0.80	0.09	-0.95	-2.56	2.25	-0.57			
C1-SEQUENCE IIIIG PISTON	0.21	-1.01	-0.27	2.10	-0.40	0.80	-0.19			
C2-SEQUENCE IIIIG PISTON	0.04	0.13	-0.99	1.69	-2.98	-0.78	-0.25			
C3-SEQUENCE IIIIH PISTON	0.66	-0.71	0.55	-2.95	-2.18	-0.51	-0.56			
C4-SEQUENCE IIIIH PISTON	1.52	0.69	0.65	0.11	-0.17	0.42	0.45			
C5-GMOD PISTON	-0.02	0.63	0.27	2.00	-0.06	-2.08	-5.02			
C6-GMOD PISTON	-1.88	0.03	-0.75	-3.41	-0.53	-0.35	-0.58			
MAXIMUM	-1.88	3.52	-1.78	-3.41	-2.98	-3.77	-5.02			
MINIMUM	-0.02	0.03	0.09	0.11	-0.06	-0.08	0.06			
RANGE(MAX-MIN)	-1.860	3.490	-1.870	-3.520	-2.920	-3.690	-5.080			
MEAN	0.282	0.048	-0.208	-0.198	-0.689	-0.265	-0.617			
STANDARD DEVIATION	0.855	1.285	0.881	2.040	1.551	1.515	1.436			

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Rater= Broff, Andy

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	THTOT	ATTOT	FRTOT	RRTOT
A1-SEQUENCE IIIG PISTON									
A2-SEQUENCE IIIG PISTON									
A3-SEQUENCE IIIG PISTON									
A4-SEQUENCE IIIG PISTON									
A5-GMOD PISTON									
A6-GMOD PISTON									
B1-SEQUENCE IIIG PISTON	0.09	-0.66	-1.49	-1.93	-0.62	0.19	1.16		
B2-SEQUENCE IIIG PISTON	-0.63	5.48	-0.11	-1.22	0.11	-0.19	1.61		
B3-SEQUENCE IIIG PISTON	1.24	0.57	2.82	2.18	0.94	1.12	0.68		
B4-SEQUENCE IIIG PISTON	-1.35	0.07	0.36	-0.36	0.61	0.85	0.79		
B5-GMOD PISTON	1.01	0.41	0.35	-1.38	-0.51	1.42	0.85		
B6-GMOD PISTON	-0.47	-1.49	0.09	-0.95	-0.91	-1.08	0.17		
C1-SEQUENCE IIIG PISTON	-0.93	5.29	-2.55	-1.60	10.02	1.76	0.81		
C2-SEQUENCE IIIG PISTON	0.04	0.13	-0.89	-2.41	4.17	1.52	0.75		
C3-SEQUENCE IIIG PISTON	0.32	-1.13	-17.05	-2.60	-3.39	-0.11	0.94		
C4-SEQUENCE IIIG PISTON	0.32	0.84	1.48	0.00	-0.95	-0.98	-2.56		
C5-GMOD PISTON	-0.72	-1.82	-0.53	-0.30	1.09	1.49	1.18		
C6-GMOD PISTON	0.50	1.63	0.75	-5.39	0.97	1.15	0.82		
MAXIMUM	-1.35	5.48	-17.05	-5.39	10.02	1.76	-2.56		
MINIMUM	0.04	0.07	0.09	0.00	0.11	-0.11	0.17		
RANGE(MAX-MIN)	-1.390	5.410	-17.140	-5.390	9.910	1.870	-2.730		
MEAN	-0.048	0.777	-1.398	-1.330	0.961	0.595	0.600		
STANDARD DEVIATION	0.787	2.372	5.117	1.808	3.357	0.996	1.052		

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Rater= Cales, Jonathon

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	THTOT	ATTOT	FRTOT	RRTOT
A1-SEQUENCE IIIG PISTON									
A2-SEQUENCE IIIG PISTON									
A3-SEQUENCE IIIG PISTON									
A4-SEQUENCE IIIG PISTON									
A5-GMOD PISTON									
A6-GMOD PISTON									
B1-SEQUENCE IIIG PISTON	0.09	-1.17	-0.24	-0.43	-0.49	-0.14	0.16		
B2-SEQUENCE IIIG PISTON	1.55	-0.94	-2.25	0.48	1.08	0.25	0.06		
B3-SEQUENCE IIIG PISTON	1.14	-0.57	0.65	0.43	-0.44	0.22	-1.16		
B4-SEQUENCE IIIG PISTON	0.89	-0.12	1.40	0.22	0.11	-0.15	-0.21		
B5-GMOD PISTON	-1.34	-0.24	0.21	-0.57	1.16	-0.18	-0.15		
B6-GMOD PISTON	-0.95	-0.11	0.59	-0.05	0.01	-1.38	-0.35		
C1-SEQUENCE IIIG PISTON	-0.39	-0.51	-0.06	1.00	-0.52	0.80	-0.19		
C2-SEQUENCE IIIG PISTON	-0.06	-0.27	-0.39	0.39	-1.84	-0.08	-0.25		
C3-SEQUENCE IIIG PISTON	0.66	-1.18	0.85	1.21	-0.60	-0.11	-0.06		
C4-SEQUENCE IIIG PISTON	1.60	-0.57	-0.30	0.29	-0.75	0.12	-0.97		
C5-GMOD PISTON	-0.52	-0.72	0.27	-0.20	0.43	-1.15	-0.62		
C6-GMOD PISTON	0.28	0.83	0.25	0.19	-0.03	0.15	-0.18		
MAXIMUM	1.60	-1.18	-2.25	1.21	-1.84	-1.38	-1.16		
MINIMUM	-0.06	-0.11	-0.06	-0.05	0.01	-0.08	0.06		
RANGE(MAX-MIN)	1.660	-1.070	-2.190	1.260	-1.850	-1.300	-1.220		
MEAN	0.246	-0.464	0.082	0.247	-0.157	-0.138	-0.327		
STANDARD DEVIATION	0.952	0.551	0.900	0.524	0.822	0.594	0.398		

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Rater= Caproni, David

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	THTOT	ATTOT	FRTOT	RRTOT	
A1-SEQUENCE IIIG PISTON										
A2-SEQUENCE IIIG PISTON										
A3-SEQUENCE IIIG PISTON										
A4-SEQUENCE IIIG PISTON										
A5-GMOD PISTON										
A6-GMOD PISTON										
B1-SEQUENCE IIIG PISTON	-0.51	1.94	-0.09	1.77	1.69	-0.62	0.16			
B2-SEQUENCE IIIG PISTON	1.29	1.69	0.44	1.98	1.02	0.05	0.61			
B3-SEQUENCE IIIG PISTON	0.63	-0.22	0.39	1.13	1.40	0.32	0.19			
B4-SEQUENCE IIIG PISTON	0.31	2.11	0.36	1.43	-1.61	-0.15	-0.21			
B5-GMOD PISTON	0.26	0.47	0.65	2.46	0.09	-0.68	-0.15			
B6-GMOD PISTON	-0.83	0.12	-0.41	0.85	0.21	0.11	-1.02			
C1-SEQUENCE IIIG PISTON	-0.54	0.19	-0.62	0.70	1.40	-1.23	-0.19			
C2-SEQUENCE IIIG PISTON	0.04	0.13	0.11	6.49	0.28	-0.38	-0.25			
C3-SEQUENCE IIIG PISTON	1.14	2.40	-0.25	-1.13	-0.44	-0.11	-0.06			
C4-SEQUENCE IIIG PISTON	0.28	-1.02	-0.26	0.58	1.77	0.52	0.68			
C5-GMOD PISTON	0.28	1.39	-1.23	0.30	-0.80	-0.01	-0.12			
C6-GMOD PISTON	0.55	0.63	0.25	-1.62	-0.03	0.15	-0.18			
MAXIMUM	1.29	2.40	-1.23	6.49	1.77	-1.23	-1.02			
MINIMUM	0.04	0.12	-0.09	0.30	-0.03	-0.01	-0.06			
RANGE(MAX-MIN)	1.250	2.280	-1.140	6.190	1.800	-1.220	-0.960			
MEAN	0.242	0.819	-0.055	1.245	0.415	-0.169	-0.045			
STANDARD DEVIATION	0.641	1.065	0.534	2.034	1.063	0.487	0.440			

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Rater= Castillo, George

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	THTOT	ATTOT	FRTOT	RRTOT
A1-SEQUENCE IIIG PISTON	0.01	-1.09	-0.04	0.38	0.08	1.36	0.91		
A2-SEQUENCE IIIG PISTON	-0.08	0.99	0.57	0.03	0.40	0.91	1.05		
A3-SEQUENCE IIIG PISTON	-0.48	0.04	0.92	-0.21	0.92	1.31	0.77		
A4-SEQUENCE IIIG PISTON	-0.35	0.04	-0.04	0.49	0.61	0.56	0.60		
A5-GMOD PISTON	0.14	0.59	1.68	0.35	-0.92	0.64	0.57		
A6-GMOD PISTON	0.67	1.02	1.29	-0.50	0.10	0.82	0.59		
B1-SEQUENCE IIIG PISTON	0.09	0.61	1.36	0.37	0.71	0.19	0.96		
B2-SEQUENCE IIIG PISTON	-0.29	1.97	1.22	-0.62	0.78	0.73	0.45		
B3-SEQUENCE IIIG PISTON	0.65	1.94	1.57	0.90	0.74	1.22	0.97		
B4-SEQUENCE IIIG PISTON	0.53	0.84	0.18	1.54	1.18	0.75	0.69		
B5-GMOD PISTON	0.96	1.83	1.42	-0.39	0.24	1.42	0.75		
B6-GMOD PISTON	1.70	1.68	1.39	-0.95	-0.67	0.52	1.67		
C1-SEQUENCE IIIG PISTON	0.36	0.29	1.61	0.70	0.44	0.60	0.81		
C2-SEQUENCE IIIG PISTON	0.04	0.13	1.11	-0.41	-0.44	0.92	0.75		
C3-SEQUENCE IIIG PISTON	-0.36	0.26	1.95	1.04	-0.22	0.79	0.74		
C4-SEQUENCE IIIG PISTON	-1.22	1.66	0.65	-0.96	1.39	1.42	1.10		
C5-GMOD PISTON	0.28	1.14	1.37	0.50	1.00	1.63	1.18		
C6-GMOD PISTON	1.20	-0.27	1.05	1.21	0.77	0.65	0.42		
MAXIMUM	1.70	1.97	1.95	1.54	1.39	1.63	1.67		
MINIMUM	0.01	0.04	-0.04	0.03	0.08	0.19	0.42		
RANGE(MAX-MIN)	1.690	1.930	1.990	1.510	1.310	1.440	1.250		
MEAN	0.214	0.759	1.070	0.193	0.395	0.913	0.832		
STANDARD DEVIATION	0.681	0.853	0.587	0.738	0.640	0.392	0.300		

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Rater= Cumberworth, Lee

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	THTOT	ATTOT	FRTOT	RRTOT
A1-SEQUENCE IIIG PISTON	0.19	1.41	-0.04	0.54	-1.30	-0.50	0.01		
A2-SEQUENCE IIIG PISTON									
A3-SEQUENCE IIIG PISTON	-0.38	0.04	-1.99	0.22	-1.28	-1.11	-0.88		
A4-SEQUENCE IIIG PISTON	0.05	0.04	-1.34	-0.31	0.86	-0.34	-0.30		
A5-GMOD PISTON									
A6-GMOD PISTON									
B1-SEQUENCE IIIG PISTON	0.09	-2.25	-0.99	2.57	-1.04	-0.70	0.16		
B2-SEQUENCE IIIG PISTON	-1.19	-0.27	-0.05	0.38	-2.61	0.97	-0.09		
B3-SEQUENCE IIIG PISTON	0.28	-0.50	-0.53	-1.18	-0.84	0.12	-0.02		
B4-SEQUENCE IIIG PISTON	0.06	-2.49	-0.57	-0.63	0.47	-0.15	-0.21		
B5-GMOD PISTON									
B6-GMOD PISTON									
C1-SEQUENCE IIIG PISTON									
C2-SEQUENCE IIIG PISTON	0.04	0.13	-0.59	0.49	1.30	0.62	-0.35		
C3-SEQUENCE IIIG PISTON	-0.08	-1.83	-0.25	0.69	-0.63	-0.11	-0.16		
C4-SEQUENCE IIIG PISTON	1.80	-1.39	-1.50	-1.03	-0.27	-0.48	-0.85		
C5-GMOD PISTON									
C6-GMOD PISTON									
MAXIMUM	1.80	-2.49	-1.99	2.57	-2.61	-1.11	-0.88		
MINIMUM	0.04	0.04	-0.04	0.22	-0.27	-0.11	0.01		
RANGE(MAX-MIN)	1.760	-2.530	-1.950	2.350	-2.340	-1.000	-0.890		
MEAN	0.086	-0.711	-0.785	0.174	-0.534	-0.168	-0.269		
STANDARD DEVIATION	0.735	1.239	0.654	1.077	1.164	0.616	0.348		

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Rater= Dalvand, Izadyar

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	THTOT	ATTOT	FRTOT	RRTOT	
A1-SEQUENCE IIIG PISTON										
A2-SEQUENCE IIIG PISTON										
A3-SEQUENCE IIIG PISTON										
A4-SEQUENCE IIIG PISTON										
A5-GMOD PISTON										
A6-GMOD PISTON										
B1-SEQUENCE IIIG PISTON										
B2-SEQUENCE IIIG PISTON										
B3-SEQUENCE IIIG PISTON										
B4-SEQUENCE IIIG PISTON										
B5-GMOD PISTON										
B6-GMOD PISTON										
C1-SEQUENCE IIIG PISTON										
C2-SEQUENCE IIIG PISTON										
C3-SEQUENCE IIIG PISTON										
C4-SEQUENCE IIIG PISTON										
C5-GMOD PISTON										
C6-GMOD PISTON										
MAXIMUM										
MINIMUM										
RANGE(MAX-MIN)										
MEAN										
STANDARD DEVIATION										

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Rater= De Armas, Raymond

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	THTOT	ATTOT	FRTOT	RRTOT
A1-SEQUENCE IIIG PISTON	-1.34	-1.39	-0.94	4.01	0.21	0.48	0.01		
A2-SEQUENCE IIIG PISTON	0.02	1.42	-1.22	8.80	0.29	0.01	0.15		
A3-SEQUENCE IIIG PISTON	14.44	0.04	0.87	3.97	0.69	0.59	1.03		
A4-SEQUENCE IIIG PISTON	0.05	0.04	0.16	0.29	-1.43	-0.34	-0.30		
A5-GMOD PISTON	0.74	-2.53	-1.12	1.65	-1.18	1.65	0.86		
A6-GMOD PISTON	-0.82	-2.25	1.45	0.40	-0.53	1.87	-0.41		
B1-SEQUENCE IIIG PISTON	0.09	2.64	-2.38	1.07	8.22	-1.60	0.16		
B2-SEQUENCE IIIG PISTON	2.25	2.75	-1.12	2.28	4.38	1.99	0.91		
B3-SEQUENCE IIIG PISTON	-1.44	9.34	-4.00	1.65	3.31	0.32	1.18		
B4-SEQUENCE IIIG PISTON	-1.46	-1.94	1.92	1.75	0.25	-0.15	-0.21		
B5-GMOD PISTON	-0.14	0.18	0.54	0.85	-1.00	0.32	-0.15		
B6-GMOD PISTON	2.12	-0.28	0.59	4.25	-2.76	1.91	0.32		
C1-SEQUENCE IIIG PISTON									
C2-SEQUENCE IIIG PISTON									
C3-SEQUENCE IIIG PISTON									
C4-SEQUENCE IIIG PISTON									
C5-GMOD PISTON									
C6-GMOD PISTON									
MAXIMUM	14.44	9.34	-4.00	8.80	8.22	1.99	1.18		
MINIMUM	0.02	0.04	0.16	0.29	0.21	0.01	0.01		
RANGE(MAX-MIN)	14.420	9.300	-4.160	8.510	8.010	1.980	1.170		
MEAN	0.006	0.668	-0.438	2.581	0.871	0.588	0.296		
STANDARD DEVIATION	1.296	3.243	1.691	2.398	3.039	1.094	0.560		

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Rater= DeCapite, Vanessa

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	THTOT	ATTOT	FRTOT	RRTOT	
A1-SEQUENCE IIIG PISTON										
A2-SEQUENCE IIIG PISTON										
A3-SEQUENCE IIIG PISTON										
A4-SEQUENCE IIIG PISTON										
A5-GMOD PISTON										
A6-GMOD PISTON										
B1-SEQUENCE IIIG PISTON	0.09	-0.47	0.50	0.37	-1.30	0.92	0.66			
B2-SEQUENCE IIIG PISTON	-0.03	-0.21	-0.63	-0.32	-0.02	1.41	1.30			
B3-SEQUENCE IIIG PISTON	-0.01	-0.14	-0.36	-0.94	1.33	-0.28	1.61			
B4-SEQUENCE IIIG PISTON	0.17	-0.71	0.82	-0.23	0.72	0.25	0.19			
B5-GMOD PISTON	-0.39	0.53	-0.97	0.23	0.85	0.42	0.35			
B6-GMOD PISTON	0.68	1.04	0.19	-0.05	0.35	0.99	0.70			
C1-SEQUENCE IIIG PISTON	0.43	-0.31	-1.94	-0.10	-0.83	1.47	0.31			
C2-SEQUENCE IIIG PISTON	-0.06	-0.17	0.21	0.99	0.19	0.02	0.35			
C3-SEQUENCE IIIG PISTON	-0.97	-0.67	0.15	-0.17	-1.40	0.39	0.44			
C4-SEQUENCE IIIG PISTON	-0.51	-0.05	-1.26	-0.89	-0.27	0.72	0.03			
C5-GMOD PISTON	0.48	-0.46	-0.63	0.90	0.18	0.20	0.48			
C6-GMOD PISTON	-1.16	-0.27	-0.05	-0.95	0.47	-0.25	0.32			
MAXIMUM	-1.16	1.04	-1.94	0.99	-1.40	1.47	1.61			
MINIMUM	-0.01	-0.05	-0.05	-0.05	-0.02	0.02	0.03			
RANGE(MAX-MIN)	-1.150	1.090	-1.890	1.040	-1.380	1.450	1.580			
MEAN	-0.107	-0.158	-0.331	-0.097	0.023	0.522	0.562			
STANDARD DEVIATION	0.563	0.497	0.794	0.650	0.844	0.588	0.460			

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Rater= Dominguez, Lucio

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	THTOT	ATTOT	FRTOT	RRTOT
A1-SEQUENCE IIIG PISTON									
A2-SEQUENCE IIIG PISTON									
A3-SEQUENCE IIIG PISTON									
A4-SEQUENCE IIIG PISTON									
A5-GMOD PISTON									
A6-GMOD PISTON									
B1-SEQUENCE IIIG PISTON	0.09	-0.91	-1.11	-1.23	-1.47	-1.19	0.06		
B2-SEQUENCE IIIG PISTON	-0.31	-1.05	0.52	-1.82	-2.12	1.02	0.53		
B3-SEQUENCE IIIG PISTON	-0.33	-1.08	-0.65	-2.14	-1.96	1.12	1.18		
B4-SEQUENCE IIIG PISTON	-0.63	-0.30	-1.78	-1.46	0.40	-0.15	-0.21		
B5-GMOD PISTON	-1.04	-1.01	0.02	0.23	-1.61	0.92	-0.15		
B6-GMOD PISTON	-1.25	-0.68	-0.61	-0.15	-1.49	0.48	0.17		
C1-SEQUENCE IIIG PISTON	0.32	-0.01	-0.62	-0.90	-0.37	0.60	-0.19		
C2-SEQUENCE IIIG PISTON	0.04	0.13	-0.99	-0.91	-1.43	0.82	-0.25		
C3-SEQUENCE IIIG PISTON	-0.29	-1.09	-1.15	-1.56	-0.32	-0.11	-0.06		
C4-SEQUENCE IIIG PISTON	-0.85	-0.87	-1.22	-0.83	-0.66	-0.28	0.15		
C5-GMOD PISTON	-0.42	-0.38	0.07	-0.50	0.10	0.77	0.48		
C6-GMOD PISTON	-1.71	-0.37	0.05	-0.51	-0.03	0.15	-0.18		
MAXIMUM	-1.71	-1.09	-1.78	-2.14	-2.12	-1.19	1.18		
MINIMUM	0.04	-0.01	0.02	-0.15	-0.03	-0.11	0.06		
RANGE(MAX-MIN)	-1.750	-1.080	-1.800	-1.990	-2.090	-1.080	1.120		
MEAN	-0.532	-0.635	-0.623	-0.982	-0.913	0.346	0.128		
STANDARD DEVIATION	0.593	0.434	0.674	0.695	0.863	0.682	0.423		

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Rater= Foecking, Brian

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	THTOT	ATTOT	FRTOT	RRTOT
A1-SEQUENCE IIIG PISTON									
A2-SEQUENCE IIIG PISTON									
A3-SEQUENCE IIIG PISTON									
A4-SEQUENCE IIIG PISTON									
A5-GMOD PISTON									
A6-GMOD PISTON									
B1-SEQUENCE IIIG PISTON	0.09	0.54	0.17	0.57	-0.53	0.51	0.16		
B2-SEQUENCE IIIG PISTON	-0.26	-0.04	0.73	0.18	-1.33	0.68	-0.17		
B3-SEQUENCE IIIG PISTON	0.03	0.50	-0.07	0.92	-0.77	-0.48	-0.45		
B4-SEQUENCE IIIG PISTON	0.13	-0.15	1.05	-1.22	-0.03	-0.15	-0.21		
B5-GMOD PISTON	0.51	1.06	0.61	1.03	-1.27	-1.08	-0.15		
B6-GMOD PISTON	1.04	1.10	0.59	0.95	-2.12	-1.35	-1.32		
C1-SEQUENCE IIIG PISTON	1.07	-0.01	0.80	0.60	-0.40	0.31	-0.19		
C2-SEQUENCE IIIG PISTON	-0.06	-0.07	0.31	0.39	0.73	-1.48	-0.25		
C3-SEQUENCE IIIG PISTON	-0.83	0.36	-0.65	-0.26	-0.85	-0.11	-0.06		
C4-SEQUENCE IIIG PISTON	-0.22	0.55	-0.46	-0.31	-0.95	0.02	-0.61		
C5-GMOD PISTON	0.38	0.97	0.77	-0.50	0.43	-1.58	-0.52		
C6-GMOD PISTON	1.47	1.23	0.25	0.66	-0.03	0.15	-0.18		
MAXIMUM	1.47	1.23	1.05	-1.22	-2.12	-1.58	-1.32		
MINIMUM	0.03	-0.01	-0.07	0.18	-0.03	0.02	-0.06		
RANGE(MAX-MIN)	1.440	1.240	1.120	-1.400	-2.090	-1.600	-1.260		
MEAN	0.279	0.503	0.342	0.251	-0.593	-0.380	-0.329		
STANDARD DEVIATION	0.653	0.500	0.523	0.692	0.799	0.801	0.375		

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Rater= Guarda, Waldyr

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	THTOT	ATTOT	FRTOT	RRTOT
A1-SEQUENCE IIIG PISTON	-0.18	-0.39	0.66	-0.67	1.86	0.77	0.61		
A2-SEQUENCE IIIG PISTON	0.02	-1.74	1.58	-1.05	-0.57	-2.59	-3.25		
A3-SEQUENCE IIIH PISTON	-1.44	0.04	0.75	-0.90	-1.99	1.75	2.05		
A4-SEQUENCE IIIH PISTON	-0.55	-0.36	-0.14	0.29	0.86	0.66	-1.30		
A5-GMOD PISTON	-0.36	-0.57	1.58	0.95	-0.86	0.96	1.03		
A6-GMOD PISTON	-1.17	-2.83	1.16	1.30	-2.04	0.56	0.59		
B1-SEQUENCE IIIG PISTON	-0.51	-1.80	0.29	0.97	1.22	0.19	-3.14		
B2-SEQUENCE IIIG PISTON	1.21	-0.94	0.50	0.28	-1.33	-0.48	-0.94		
B3-SEQUENCE IIIH PISTON	1.46	0.07	1.11	-2.27	-0.44	-1.68	-2.86		
B4-SEQUENCE IIIH PISTON	0.20	0.69	0.30	-2.05	-0.21	0.85	0.79		
B5-GMOD PISTON	-0.84	-0.71	0.83	0.77	0.09	1.92	-1.05		
B6-GMOD PISTON	-0.35	-0.80	0.29	3.05	1.76	-0.33	-0.50		
C1-SEQUENCE IIIG PISTON									
C2-SEQUENCE IIIG PISTON									
C3-SEQUENCE IIIH PISTON									
C4-SEQUENCE IIIH PISTON									
C5-GMOD PISTON									
C6-GMOD PISTON									
MAXIMUM	1.46	-2.83	1.58	3.05	-2.04	-2.59	-3.25		
MINIMUM	0.02	0.04	-0.14	0.28	0.09	0.19	-0.50		
RANGE(MAX-MIN)	1.440	-2.870	1.720	2.770	-2.130	-2.780	-2.750		
MEAN	-0.209	-0.778	0.743	0.056	-0.138	0.215	-0.664		
STANDARD DEVIATION	0.858	0.959	0.537	1.516	1.340	1.317	1.754		

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Rater= Hayden, Matthew (rerate)

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	THTOT	ATTOT	FRTOT	RRTOT	
A1-SEQUENCE IIIG PISTON										
A2-SEQUENCE IIIG PISTON										
A3-SEQUENCE IIIG PISTON										
A4-SEQUENCE IIIG PISTON										
A5-GMOD PISTON										
A6-GMOD PISTON										
B1-SEQUENCE IIIG PISTON										
B2-SEQUENCE IIIG PISTON										
B3-SEQUENCE IIIG PISTON										
B4-SEQUENCE IIIG PISTON										
B5-GMOD PISTON										
B6-GMOD PISTON										
C1-SEQUENCE IIIG PISTON										
C2-SEQUENCE IIIG PISTON										
C3-SEQUENCE IIIG PISTON										
C4-SEQUENCE IIIG PISTON										
C5-GMOD PISTON										
C6-GMOD PISTON										
MAXIMUM										
MINIMUM										
RANGE(MAX-MIN)										
MEAN										
STANDARD DEVIATION										

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Rater= Hayden, Matthew

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	THTOT	ATTOT	FRTOT	RRTOT
A1-SEQUENCE IIIG PISTON	1.63	0.41	-0.84	2.14	-1.02	-1.98	-1.59		
A2-SEQUENCE IIIG PISTON	0.02	0.73	-2.40	-0.39	-1.39	-0.79	-1.25		
A3-SEQUENCE IIIG PISTON	1.11	-0.16	-2.20	-0.58	-1.50	0.32	0.14		
A4-SEQUENCE IIIG PISTON	0.05	-0.06	-0.24	0.49	0.18	0.06	-0.30		
A5-GMOD PISTON	-0.06	-1.51	-0.62	-0.35	-0.08	-0.04	0.51		
A6-GMOD PISTON	0.54	-1.13	-0.70	-0.50	-0.58	-0.40	0.29		
B1-SEQUENCE IIIG PISTON	0.09	-0.09	-2.15	0.17	1.05	0.76	-0.84		
B2-SEQUENCE IIIG PISTON	-1.98	-0.88	-1.35	0.58	0.84	0.34	0.45		
B3-SEQUENCE IIIG PISTON	1.71	-0.07	-2.20	-0.34	-0.31	-0.28	-0.31		
B4-SEQUENCE IIIG PISTON	1.54	-1.14	-0.28	0.95	-1.18	-0.15	-0.51		
B5-GMOD PISTON	-0.79	-0.71	-2.04	-0.66	-0.27	1.02	-0.15		
B6-GMOD PISTON	-0.59	-0.68	-0.41	1.35	0.89	0.11	-0.80		
C1-SEQUENCE IIIG PISTON									
C2-SEQUENCE IIIG PISTON									
C3-SEQUENCE IIIG PISTON									
C4-SEQUENCE IIIG PISTON									
C5-GMOD PISTON									
C6-GMOD PISTON									
MAXIMUM	-1.98	-1.51	-2.40	2.14	-1.50	-1.98	-1.59		
MINIMUM	0.02	-0.06	-0.24	0.17	-0.08	-0.04	0.14		
RANGE(MAX-MIN)	-2.000	-1.450	-2.160	1.970	-1.420	-1.940	-1.730		
MEAN	0.273	-0.441	-1.286	0.238	-0.281	-0.086	-0.363		
STANDARD DEVIATION	1.108	0.675	0.858	0.886	0.895	0.773	0.667		

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Rater= Kobrinetz, Joaquin J.

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	THTOT	ATTOT	FRTOT	RRTOT
A1-SEQUENCE IIIG PISTON	0.34	-0.29	0.46	-0.78	0.63	-0.50	0.01		
A2-SEQUENCE IIIG PISTON	-0.08	0.84	-0.16	0.22	0.36	0.01	-0.85		
A3-SEQUENCE IIIG PISTON	0.21	-0.06	-0.48	0.43	0.60	-1.91	-1.90		
A4-SEQUENCE IIIG PISTON	0.05	-0.06	-0.24	0.19	-0.10	0.16	0.30		
A5-GMOD PISTON	0.74	-0.59	-1.02	0.25	0.34	0.20	0.37		
A6-GMOD PISTON	0.14	-0.55	-0.91	0.10	-0.58	0.73	0.29		
B1-SEQUENCE IIIG PISTON	0.09	0.16	0.47	0.57	0.58	1.24	-1.34		
B2-SEQUENCE IIIG PISTON	-0.09	0.18	0.78	-0.12	0.41	0.20	0.53		
B3-SEQUENCE IIIG PISTON	0.01	0.29	0.27	1.01	0.48	-1.18	-2.08		
B4-SEQUENCE IIIG PISTON	0.31	0.43	0.47	-0.20	0.57	0.35	0.29		
B5-GMOD PISTON	1.86	-0.36	0.32	-0.39	-0.37	0.52	0.35		
B6-GMOD PISTON	0.92	0.07	-1.01	0.65	0.98	0.38	0.32		
C1-SEQUENCE IIIG PISTON	-0.89	0.09	-0.32	-0.40	0.68	-0.36	0.11		
C2-SEQUENCE IIIG PISTON	0.04	-0.27	0.11	-0.91	1.18	0.12	0.45		
C3-SEQUENCE IIIG PISTON	1.41	-0.99	-1.05	0.00	1.26	-0.11	-0.36		
C4-SEQUENCE IIIG PISTON	0.28	0.47	0.05	0.11	0.61	-0.78	-2.21		
C5-GMOD PISTON	-0.12	-0.72	-1.13	0.00	0.18	0.06	-0.52		
C6-GMOD PISTON	-0.79	-0.87	-0.75	0.30	0.47	-0.65	0.32		
MAXIMUM	1.86	-0.99	-1.13	1.01	1.26	-1.91	-2.21		
MINIMUM	0.01	-0.06	0.05	0.00	-0.10	0.01	0.01		
RANGE(MAX-MIN)	1.850	-0.930	-1.180	1.010	1.360	-1.920	-2.220		
MEAN	0.246	-0.124	-0.230	0.057	0.460	-0.084	-0.329		
STANDARD DEVIATION	0.667	0.496	0.630	0.482	0.471	0.730	0.940		

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Rater= Liang, Chen

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	THTOT	ATTOT	FRTOT	RRTOT	
A1-SEQUENCE IIIG PISTON										
A2-SEQUENCE IIIG PISTON										
A3-SEQUENCE IIIG PISTON										
A4-SEQUENCE IIIG PISTON										
A5-GMOD PISTON										
A6-GMOD PISTON										
B1-SEQUENCE IIIG PISTON	-0.61	-0.79	-1.14	0.97	0.71	-1.11	-1.14			
B2-SEQUENCE IIIG PISTON	0.47	-0.71	-1.96	0.48	1.11	0.44	-0.55			
B3-SEQUENCE IIIG PISTON	0.43	0.72	-0.23	0.60	0.02	-1.58	-1.94			
B4-SEQUENCE IIIG PISTON	1.94	-0.12	-1.55	0.87	-0.50	-1.15	-1.21			
B5-GMOD PISTON	0.96	0.06	-1.93	-0.66	-1.71	-0.68	-1.45			
B6-GMOD PISTON	0.08	-0.91	-1.01	0.95	-2.85	0.99	-0.80			
C1-SEQUENCE IIIG PISTON	-1.25	-0.51	-1.03	-1.70	-0.18	0.51	-5.39			
C2-SEQUENCE IIIG PISTON	0.04	0.33	-0.19	0.89	1.24	0.52	-0.25			
C3-SEQUENCE IIIG PISTON	0.12	-0.95	-1.05	0.69	0.55	-1.11	-1.26			
C4-SEQUENCE IIIG PISTON	0.44	-1.39	1.44	1.39	1.48	-0.88	-0.61			
C5-GMOD PISTON	-0.62	-1.82	-1.03	-0.10	0.10	-0.30	0.48			
C6-GMOD PISTON	0.11	-0.57	-0.15	-1.71	-0.53	-0.85	-1.18			
MAXIMUM	1.94	-1.82	-1.96	-1.71	-2.85	-1.58	-5.39			
MINIMUM	0.04	0.06	-0.15	-0.10	0.02	-0.30	-0.25			
RANGE(MAX-MIN)	1.900	-1.880	-1.810	-1.610	-2.870	-1.280	-5.140			
MEAN	0.176	-0.555	-0.819	0.223	-0.047	-0.433	-1.275			
STANDARD DEVIATION	0.813	0.716	0.936	1.047	1.256	0.841	1.438			

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Rater= Lonsway, Chris

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	THTOT	ATTOT	FRTOT	RRTOT
A1-SEQUENCE IIIG PISTON	-1.34	0.61	-0.14	-0.50	-0.20	0.48	0.01		
A2-SEQUENCE IIIG PISTON	0.02	-0.72	0.21	-0.16	-0.74	0.01	0.15		
A3-SEQUENCE IIIG PISTON	-1.02	0.04	0.66	0.60	-0.02	-0.39	-0.82		
A4-SEQUENCE IIIG PISTON	0.05	0.04	0.56	-0.01	-1.31	-0.34	-0.30		
A5-GMOD PISTON	-0.56	-0.08	0.18	0.35	-1.75	-0.16	-1.60		
A6-GMOD PISTON	-0.86	-0.79	0.91	0.40	-1.15	-0.84	-0.41		
B1-SEQUENCE IIIG PISTON									
B2-SEQUENCE IIIG PISTON									
B3-SEQUENCE IIIG PISTON									
B4-SEQUENCE IIIG PISTON									
B5-GMOD PISTON									
B6-GMOD PISTON									
C1-SEQUENCE IIIG PISTON	-2.18	-0.01	-0.17	0.50	-1.51	-2.10	-0.19		
C2-SEQUENCE IIIG PISTON	0.04	-0.07	-0.69	1.39	0.34	-0.78	-0.25		
C3-SEQUENCE IIIG PISTON	0.66	-0.06	0.45	-0.17	-0.54	-0.11	-0.06		
C4-SEQUENCE IIIG PISTON	1.66	-1.17	-0.07	-1.32	-0.07	-0.48	0.62		
C5-GMOD PISTON	0.28	0.46	-0.13	0.00	0.10	-0.80	-0.02		
C6-GMOD PISTON	-0.34	1.63	0.25	-1.13	-0.03	0.15	-0.18		
MAXIMUM	-2.18	1.63	0.91	1.39	-1.75	-2.10	-1.60		
MINIMUM	0.02	-0.01	-0.07	0.00	-0.02	0.01	0.01		
RANGE(MAX-MIN)	-2.200	1.640	0.980	1.390	-1.730	-2.110	-1.610		
MEAN	-0.299	-0.010	0.168	-0.004	-0.573	-0.447	-0.254		
STANDARD DEVIATION	0.998	0.724	0.440	0.748	0.704	0.658	0.544		

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Rater= Lopez, Frank

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	THTOT	ATTOT	FRTOT	RRTOT
A1-SEQUENCE IIIG PISTON	-1.34	-1.39	0.36	-0.61	1.18	-0.50	0.01		
A2-SEQUENCE IIIG PISTON	0.02	-0.50	0.57	-0.96	0.61	0.01	0.15		
A3-SEQUENCE IIIG PISTON	-0.96	0.04	0.35	-1.17	-0.96	-0.75	0.20		
A4-SEQUENCE IIIG PISTON	0.05	-0.06	0.16	-0.81	-1.03	-0.34	-0.30		
A5-GMOD PISTON	-0.56	0.22	0.28	0.25	0.86	-2.33	-1.57		
A6-GMOD PISTON	-2.02	0.59	1.16	1.10	1.30	-1.80	-0.41		
B1-SEQUENCE IIIG PISTON	0.09	-1.42	1.42	0.27	-0.15	1.00	-0.34		
B2-SEQUENCE IIIG PISTON	1.15	0.57	0.78	-0.22	-0.14	-0.63	-0.09		
B3-SEQUENCE IIIG PISTON	-1.44	-1.44	0.90	0.11	-0.05	0.32	0.19		
B4-SEQUENCE IIIG PISTON	-1.46	0.05	-0.80	-1.35	1.04	-0.15	0.79		
B5-GMOD PISTON	-0.24	-1.95	0.79	-0.84	0.75	-1.38	-0.15		
B6-GMOD PISTON	-0.59	-1.66	0.59	-0.95	0.35	-1.69	-1.55		
C1-SEQUENCE IIIG PISTON									
C2-SEQUENCE IIIG PISTON									
C3-SEQUENCE IIIG PISTON									
C4-SEQUENCE IIIG PISTON									
C5-GMOD PISTON									
C6-GMOD PISTON									
MAXIMUM	-2.02	-1.95	1.42	-1.35	1.30	-2.33	-1.57		
MINIMUM	0.02	0.04	0.16	0.11	-0.05	0.01	0.01		
RANGE(MAX-MIN)	-2.040	-1.990	1.260	-1.460	1.350	-2.340	-1.580		
MEAN	-0.608	-0.579	0.547	-0.432	0.313	-0.687	-0.256		
STANDARD DEVIATION	0.885	0.931	0.563	0.734	0.787	0.964	0.688		

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Rater= Price, Gregory

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	THTOT	ATTOT	FRTOT	RRTOT
A1-SEQUENCE IIIIG PISTON	-0.62	0.11	-0.74	-1.00	-1.57	0.28	-0.19		
A2-SEQUENCE IIIIG PISTON									
A3-SEQUENCE IIIIH PISTON									
A4-SEQUENCE IIIIH PISTON	0.05	-0.06	-0.94	-0.51	-1.34	-0.94	-1.10		
A5-GMOD PISTON									
A6-GMOD PISTON									
B1-SEQUENCE IIIIG PISTON	0.09	-0.53	-1.05	1.77	-0.87	-0.95	-0.54		
B2-SEQUENCE IIIIG PISTON									
B3-SEQUENCE IIIIH PISTON	0.52	0.65	-0.99	-0.73	-0.71	-0.98	-0.38		
B4-SEQUENCE IIIIH PISTON									
B5-GMOD PISTON	-0.14	-0.24	0.13	1.57	-0.30	-1.88	-1.45		
B6-GMOD PISTON	-0.05	-0.05	-0.81	2.35	-1.01	-0.13	0.02		
C1-SEQUENCE IIIIG PISTON	-1.75	-0.01	-1.94	-0.10	-0.80	0.41	-0.49		
C2-SEQUENCE IIIIG PISTON	0.04	0.13	-0.19	0.39	-1.84	1.12	-0.35		
C3-SEQUENCE IIIIH PISTON									
C4-SEQUENCE IIIIH PISTON									
C5-GMOD PISTON									
C6-GMOD PISTON									
MAXIMUM	-1.75	0.65	-1.94	2.35	-1.84	-1.88	-1.45		
MINIMUM	0.04	-0.01	0.13	-0.10	-0.30	-0.13	0.02		
RANGE(MAX-MIN)	-1.790	0.660	-2.070	2.450	-1.540	-1.750	-1.470		
MEAN	-0.233	0.000	-0.816	0.468	-1.055	-0.384	-0.560		
STANDARD DEVIATION	0.689	0.337	0.616	1.272	0.500	0.973	0.484		

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Rater= Rodriguez, Edward

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	THTOT	ATTOT	FRTOT	RRTOT
A1-SEQUENCE IIIG PISTON									
A2-SEQUENCE IIIG PISTON									
A3-SEQUENCE IIIG PISTON	-0.80	0.04	-1.64	-0.53	-1.86	-0.30	-1.01		
A4-SEQUENCE IIIG PISTON	0.05	-0.06	-0.84	-0.31	-1.93	-0.64	-0.50		
A5-GMOD PISTON									
A6-GMOD PISTON									
B1-SEQUENCE IIIG PISTON									
B2-SEQUENCE IIIG PISTON	0.47	-0.94	-0.54	-0.32	-1.60	-1.88	-2.25		
B3-SEQUENCE IIIG PISTON	-0.59	-1.80	-0.23	-1.01	-1.37	-0.38	-0.94		
B4-SEQUENCE IIIG PISTON	-0.70	-1.35	-0.97	-0.98	0.00	0.55	0.49		
B5-GMOD PISTON	0.31	-1.06	-1.38	-0.57	-1.49	-1.48	-0.35		
B6-GMOD PISTON									
C1-SEQUENCE IIIG PISTON									
C2-SEQUENCE IIIG PISTON									
C3-SEQUENCE IIIG PISTON									
C4-SEQUENCE IIIG PISTON									
C5-GMOD PISTON									
C6-GMOD PISTON									
MAXIMUM	-0.80	-1.80	-1.64	-1.01	-1.93	-1.88	-2.25		
MINIMUM	0.05	0.04	-0.23	-0.31	0.00	-0.30	-0.35		
RANGE(MAX-MIN)	-0.850	-1.840	-1.410	-0.700	-1.930	-1.580	-1.900		
MEAN	-0.210	-0.862	-0.933	-0.620	-1.375	-0.688	-0.760		
STANDARD DEVIATION	0.554	0.724	0.521	0.309	0.707	0.875	0.907		

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Rater= Rodriguez, Jesus (Jesse)

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	THTOT	ATTOT	FRTOT	RRTOT
A1-SEQUENCE IIIG PISTON	-0.30	0.51	-0.34	-0.94	0.49	0.48	0.01		
A2-SEQUENCE IIIG PISTON	0.02	-1.92	0.52	-1.38	-1.30	0.01	0.15		
A3-SEQUENCE IIIH PISTON	-0.54	0.04	-0.15	-1.28	-0.78	0.23	-0.18		
A4-SEQUENCE IIIH PISTON	0.05	0.04	0.16	-0.31	-0.84	-0.34	-0.30		
A5-GMOD PISTON	0.24	-1.02	-1.02	-0.55	1.13	0.40	0.14		
A6-GMOD PISTON	0.18	-1.16	-1.33	-0.50	-1.10	-0.05	-0.41		
B1-SEQUENCE IIIG PISTON	0.09	0.48	-0.69	-1.43	-0.74	-0.46	0.16		
B2-SEQUENCE IIIG PISTON	-0.68	-0.49	-0.14	-0.12	-0.23	-0.63	-0.24		
B3-SEQUENCE IIIH PISTON	-1.25	-0.72	-1.15	-0.13	0.15	0.22	-0.02		
B4-SEQUENCE IIIH PISTON	-1.31	-1.10	-1.50	0.20	0.68	-0.15	-0.21		
B5-GMOD PISTON	-0.74	0.47	-1.19	-1.38	0.19	0.72	-0.55		
B6-GMOD PISTON	-0.17	-0.34	0.09	-0.95	0.11	1.47	0.70		
C1-SEQUENCE IIIG PISTON									
C2-SEQUENCE IIIG PISTON									
C3-SEQUENCE IIIH PISTON									
C4-SEQUENCE IIIH PISTON									
C5-GMOD PISTON									
C6-GMOD PISTON									
MAXIMUM	-1.31	-1.92	-1.50	-1.43	-1.30	1.47	0.70		
MINIMUM	0.02	0.04	0.09	-0.12	0.11	0.01	0.01		
RANGE(MAX-MIN)	-1.330	-1.960	-1.590	-1.310	-1.410	1.460	0.690		
MEAN	-0.368	-0.434	-0.562	-0.731	-0.187	0.158	-0.063		
STANDARD DEVIATION	0.538	0.775	0.671	0.571	0.766	0.574	0.331		

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Rater= Sablad, Bertrand

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	THTOT	ATTOT	FRTOT	RRTOT
A1-SEQUENCE IIIG PISTON	-0.10	2.61	1.36	-2.27	-14.76	1.46	1.01		
A2-SEQUENCE IIIG PISTON	2.72	11.25	-0.63	6.31	-0.96	1.01	1.15		
A3-SEQUENCE IIIG PISTON	4.88	7.54	-3.43	3.81	0.83	-1.29	-5.34		
A4-SEQUENCE IIIG PISTON									
A5-GMOD PISTON									
A6-GMOD PISTON									
B1-SEQUENCE IIIG PISTON	1.39	-0.66	3.68	-1.63	0.49	1.81	-0.84		
B2-SEQUENCE IIIG PISTON	3.77	2.58	-2.39	11.48	0.75	-6.48	0.45		
B3-SEQUENCE IIIG PISTON	3.78	12.50	0.65	-0.39	2.19	-1.68	-5.62		
B4-SEQUENCE IIIG PISTON	2.52	-0.56	-1.96	-2.72	-1.32	0.85	0.79		
B5-GMOD PISTON									
B6-GMOD PISTON									
C1-SEQUENCE IIIG PISTON									
C2-SEQUENCE IIIG PISTON									
C3-SEQUENCE IIIG PISTON									
C4-SEQUENCE IIIG PISTON									
C5-GMOD PISTON									
C6-GMOD PISTON									
MAXIMUM	4.88	12.50	3.68	11.48	-14.76	-6.48	-5.62		
MINIMUM	-0.10	-0.56	-0.63	-0.39	0.49	0.85	0.45		
RANGE(MAX-MIN)	4.980	13.060	4.310	11.870	-15.250	-7.330	-6.070		
MEAN	2.709	5.037	-0.389	2.084	-1.826	-0.617	-1.200		
STANDARD DEVIATION	1.666	5.420	2.466	5.340	5.823	2.914	2.997		

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Rater= Sanchez, Arthur

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	THTOT	ATTOT	FRTOT	RRTOT
A1-SEQUENCE IIIG PISTON									
A2-SEQUENCE IIIG PISTON									
A3-SEQUENCE IIIG PISTON									
A4-SEQUENCE IIIG PISTON									
A5-GMOD PISTON									
A6-GMOD PISTON									
B1-SEQUENCE IIIG PISTON	-0.31	-0.79	0.47	-0.63	1.05	-0.05	0.16		
B2-SEQUENCE IIIG PISTON	-0.85	0.13	0.00	0.38	0.53	-1.50	-2.72		
B3-SEQUENCE IIIG PISTON	-1.44	-0.14	0.60	-1.09	-1.17	-1.08	-0.24		
B4-SEQUENCE IIIG PISTON	-1.46	1.17	0.65	0.25	-0.14	-0.15	-0.21		
B5-GMOD PISTON	-0.39	0.30	0.76	-0.04	1.50	-0.38	-0.15		
B6-GMOD PISTON	0.98	-1.26	0.39	-0.95	1.32	0.69	0.55		
C1-SEQUENCE IIIG PISTON	0.32	0.29	1.11	0.40	-1.26	0.41	-0.19		
C2-SEQUENCE IIIG PISTON	-0.06	0.03	0.61	-0.51	-1.01	-0.68	-0.25		
C3-SEQUENCE IIIG PISTON	-0.70	-0.02	0.85	0.00	0.80	-1.11	-1.26		
C4-SEQUENCE IIIG PISTON	-0.08	-0.12	-0.50	0.51	-0.85	-0.88	0.62		
C5-GMOD PISTON	0.28	0.89	0.67	-0.20	0.76	-0.94	-0.82		
C6-GMOD PISTON	0.06	0.03	-0.15	0.45	-0.03	-0.35	-0.18		
MAXIMUM	-1.46	-1.26	1.11	-1.09	1.50	-1.50	-2.72		
MINIMUM	-0.06	-0.02	0.00	0.00	-0.03	-0.05	-0.15		
RANGE(MAX-MIN)	-1.400	-1.240	1.110	-1.090	1.530	-1.450	-2.570		
MEAN	-0.304	0.043	0.455	-0.119	0.125	-0.502	-0.391		
STANDARD DEVIATION	0.721	0.645	0.457	0.560	1.006	0.653	0.894		

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Rater= Seiz, Ray

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	THTOT	ATTOT	FRTOT	RRTOT
A1-SEQUENCE IIIG PISTON	-1.02	-0.29	0.66	0.27	1.11	-1.49	-0.99		
A2-SEQUENCE IIIG PISTON	0.02	-0.94	0.01	1.30	0.38	-0.99	-0.85		
A3-SEQUENCE IIIG PISTON	-0.96	0.04	-0.41	3.00	1.99	1.31	-0.31		
A4-SEQUENCE IIIG PISTON	-0.05	-0.56	-0.44	0.79	-1.52	0.66	0.30		
A5-GMOD PISTON	-0.56	-1.62	0.08	1.25	1.44	-0.76	0.60		
A6-GMOD PISTON	-1.17	-0.44	-1.62	0.40	-1.05	-1.19	0.19		
B1-SEQUENCE IIIG PISTON	0.09	0.48	-0.09	-0.13	1.56	1.73	-1.94		
B2-SEQUENCE IIIG PISTON	-1.41	-0.99	-0.77	-0.62	-0.38	0.25	0.84		
B3-SEQUENCE IIIG PISTON	-1.53	-0.50	-1.87	0.47	1.79	1.12	1.61		
B4-SEQUENCE IIIG PISTON	-1.46	-0.02	0.53	2.15	-1.75	0.65	0.59		
B5-GMOD PISTON	-1.74	0.59	-0.35	-0.22	0.53	-0.28	0.05		
B6-GMOD PISTON	-0.41	-0.11	0.19	0.45	-1.88	-0.37	0.62		
C1-SEQUENCE IIIG PISTON									
C2-SEQUENCE IIIG PISTON									
C3-SEQUENCE IIIG PISTON									
C4-SEQUENCE IIIG PISTON									
C5-GMOD PISTON									
C6-GMOD PISTON									
MAXIMUM	-1.74	-1.62	-1.87	3.00	1.99	1.73	-1.94		
MINIMUM	0.02	-0.02	0.01	-0.13	0.38	0.25	0.05		
RANGE(MAX-MIN)	-1.760	-1.600	-1.880	3.130	1.610	1.480	-1.990		
MEAN	-0.850	-0.363	-0.340	0.759	0.185	0.053	0.059		
STANDARD DEVIATION	0.650	0.628	0.773	1.031	1.448	1.056	0.955		

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Rater= Terrado, Ken

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	THTOT	ATTOT	FRTOT	RRTOT
A1-SEQUENCE IIIG PISTON	0.60	0.51	-1.04	0.65	0.15	0.48	0.01		
A2-SEQUENCE IIIG PISTON	-0.08	0.40	1.92	0.08	-0.16	0.01	0.15		
A3-SEQUENCE IIIH PISTON	-1.02	-0.06	-0.62	1.93	1.19	0.32	-0.44		
A4-SEQUENCE IIIH PISTON	-0.05	-0.06	0.26	0.09	-0.69	-0.34	-0.30		
A5-GMOD PISTON	0.34	-0.70	0.98	0.35	-0.71	-0.72	0.06		
A6-GMOD PISTON	0.32	-1.40	0.53	0.40	-0.94	-0.84	-0.41		
B1-SEQUENCE IIIG PISTON									
B2-SEQUENCE IIIG PISTON									
B3-SEQUENCE IIIH PISTON									
B4-SEQUENCE IIIH PISTON									
B5-GMOD PISTON									
B6-GMOD PISTON									
C1-SEQUENCE IIIG PISTON									
C2-SEQUENCE IIIG PISTON									
C3-SEQUENCE IIIH PISTON									
C4-SEQUENCE IIIH PISTON									
C5-GMOD PISTON									
C6-GMOD PISTON	-1.39	-1.47	0.25	-0.43	-0.13	0.15	-0.18		
MAXIMUM	-1.39	-1.47	1.92	1.93	1.19	-0.84	-0.44		
MINIMUM	-0.05	-0.06	0.25	0.08	-0.13	0.01	0.01		
RANGE(MAX-MIN)	-1.340	-1.410	1.670	1.850	1.320	-0.850	-0.450		
MEAN	-0.183	-0.397	0.326	0.439	-0.184	-0.134	-0.159		
STANDARD DEVIATION	0.744	0.810	0.982	0.740	0.720	0.511	0.236		

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Rater= Trevino, Robert

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	THTOT	ATTOT	FRTOT	RRTOT
A1-SEQUENCE IIIG PISTON	0.41	0.41	0.26	-0.06	-1.85	0.18	0.61		
A2-SEQUENCE IIIG PISTON	0.02	0.04	0.26	0.83	1.09	-0.09	0.55		
A3-SEQUENCE IIIG PISTON	-0.11	0.04	0.25	0.54	1.36	0.41	0.45		
A4-SEQUENCE IIIG PISTON	0.05	0.04	-0.84	-0.31	1.29	0.56	0.60		
A5-GMOD PISTON	-0.36	1.35	0.28	-0.55	0.86	0.88	0.88		
A6-GMOD PISTON	1.16	1.02	-0.11	-0.50	1.19	0.30	0.49		
B1-SEQUENCE IIIG PISTON									
B2-SEQUENCE IIIG PISTON									
B3-SEQUENCE IIIG PISTON									
B4-SEQUENCE IIIG PISTON									
B5-GMOD PISTON									
B6-GMOD PISTON									
C1-SEQUENCE IIIG PISTON	0.39	0.09	0.55	-0.60	0.68	-0.27	0.11		
C2-SEQUENCE IIIG PISTON	0.04	0.13	-0.59	-1.21	0.91	0.42	0.35		
C3-SEQUENCE IIIG PISTON	1.34	0.78	-0.65	1.47	1.51	0.79	0.84		
C4-SEQUENCE IIIG PISTON	0.00	1.51	1.92	1.12	0.80	0.72	0.80		
C5-GMOD PISTON	-0.22	-0.30	0.37	-1.40	0.43	1.13	0.48		
C6-GMOD PISTON	1.27	-0.57	0.55	1.18	0.77	-0.05	0.12		
MAXIMUM	1.34	1.51	1.92	1.47	-1.85	1.13	0.88		
MINIMUM	0.00	0.04	-0.11	-0.06	0.43	-0.05	0.11		
RANGE(MAX-MIN)	1.340	1.470	2.030	1.530	-2.280	1.180	0.770		
MEAN	0.333	0.378	0.188	0.043	0.753	0.415	0.523		
STANDARD DEVIATION	0.599	0.650	0.724	0.963	0.877	0.425	0.250		

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Rater= Ueta, Yuki

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	THTOT	ATTOT	FRTOT	RRTOT
A1-SEQUENCE IIIG PISTON	0.37	1.11	-0.74	1.43	0.08	-2.37	0.01		
A2-SEQUENCE IIIG PISTON	0.62	0.37	-0.10	1.39	-0.53	0.01	0.15		
A3-SEQUENCE IIIG PISTON	-0.48	-0.56	0.06	0.27	-0.16	-1.11	0.07		
A4-SEQUENCE IIIG PISTON	0.05	-0.16	-0.84	1.29	-1.40	-0.34	-0.30		
A5-GMOD PISTON	0.14	-1.46	-0.32	0.15	1.23	0.04	0.03		
A6-GMOD PISTON	1.05	0.35	-0.86	2.00	-1.99	0.99	-0.41		
B1-SEQUENCE IIIG PISTON									
B2-SEQUENCE IIIG PISTON									
B3-SEQUENCE IIIG PISTON									
B4-SEQUENCE IIIG PISTON									
B5-GMOD PISTON									
B6-GMOD PISTON									
C1-SEQUENCE IIIG PISTON									
C2-SEQUENCE IIIG PISTON									
C3-SEQUENCE IIIG PISTON									
C4-SEQUENCE IIIG PISTON									
C5-GMOD PISTON									
C6-GMOD PISTON									
MAXIMUM	1.05	-1.46	-0.86	2.00	-1.99	-2.37	-0.41		
MINIMUM	0.05	-0.16	0.06	0.15	0.08	0.01	0.01		
RANGE(MAX-MIN)	1.000	-1.300	-0.920	1.850	-2.070	-2.380	-0.420		
MEAN	0.292	-0.058	-0.467	1.088	-0.462	-0.463	-0.075		
STANDARD DEVIATION	0.523	0.888	0.401	0.725	1.137	1.154	0.225		

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Rater= Veiga, Victor

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	THTOT	ATTOT	FRTOT	RRTOT
A1-SEQUENCE IIIG PISTON	-0.67	-0.79	0.16	-2.76	2.14	-0.11	-0.19		
A2-SEQUENCE IIIG PISTON	0.02	-0.07	0.66	-1.28	0.29	0.01	0.15		
A3-SEQUENCE IIIG PISTON									
A4-SEQUENCE IIIG PISTON	0.05	0.04	0.86	-0.21	0.55	-0.34	-0.30		
A5-GMOD PISTON									
A6-GMOD PISTON	-1.71	2.21	1.45	0.40	0.20	0.21	-0.41		
B1-SEQUENCE IIIG PISTON	0.09	0.16	0.53	2.17	0.88	-0.87	0.16		
B2-SEQUENCE IIIG PISTON	-0.88	0.07	1.10	0.68	-0.78	0.88	1.38		
B3-SEQUENCE IIIG PISTON	-1.44	-1.94	0.65	-0.49	0.48	0.22	0.47		
B4-SEQUENCE IIIG PISTON	-1.06	0.00	-0.34	-1.27	-0.43	-0.15	-0.21		
B5-GMOD PISTON									
B6-GMOD PISTON	-0.53	0.41	0.59	0.95	0.98	-0.03	0.25		
C1-SEQUENCE IIIG PISTON									
C2-SEQUENCE IIIG PISTON	-0.06	0.13	0.61	2.79	0.25	0.32	-0.25		
C3-SEQUENCE IIIG PISTON	-0.36	0.22	0.35	0.52	-2.27	-0.11	-0.06		
C4-SEQUENCE IIIG PISTON									
C5-GMOD PISTON	-0.72	-0.46	0.77	0.80	0.59	0.13	0.38		
C6-GMOD PISTON	-1.61	0.73	0.25	-0.66	-0.03	0.15	-0.18		
MAXIMUM	-1.71	2.21	1.45	2.79	-2.27	0.88	1.38		
MINIMUM	0.02	0.00	0.16	-0.21	-0.03	0.01	-0.06		
RANGE(MAX-MIN)	-1.730	2.210	1.290	3.000	-2.240	0.870	1.440		
MEAN	-0.683	0.055	0.588	0.126	0.219	0.024	0.092		
STANDARD DEVIATION	0.633	0.924	0.442	1.481	1.029	0.400	0.475		

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Rater= YaBin, Liu

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	THTOT	ATTOT	FRTOT	RRTOT
A1-SEQUENCE IIIG PISTON	-0.87	0.21	-0.64	0.49	-4.32	-2.47	-0.99		
A2-SEQUENCE IIIG PISTON	0.02	-0.10	-1.17	-0.96	-1.61	-3.09	-2.95		
A3-SEQUENCE IIIG PISTON	0.47	0.04	-0.12	0.06	-0.20	-2.89	-2.09		
A4-SEQUENCE IIIG PISTON	0.05	0.04	-0.24	1.79	1.42	-5.94	-0.30		
A5-GMOD PISTON	0.04	-0.35	-1.32	1.15	0.50	-0.20	-1.20		
A6-GMOD PISTON	0.81	0.67	-1.20	-0.50	-1.46	1.87	-0.41		
B1-SEQUENCE IIIG PISTON									
B2-SEQUENCE IIIG PISTON									
B3-SEQUENCE IIIG PISTON									
B4-SEQUENCE IIIG PISTON									
B5-GMOD PISTON									
B6-GMOD PISTON									
C1-SEQUENCE IIIG PISTON	-0.57	0.79	-0.17	0.30	-1.23	-7.60	0.31		
C2-SEQUENCE IIIG PISTON	0.04	0.13	-1.39	1.29	1.92	-0.48	-2.25		
C3-SEQUENCE IIIG PISTON	2.36	-0.11	0.85	1.30	-1.65	-2.11	-1.06		
C4-SEQUENCE IIIG PISTON	0.34	-0.87	-0.15	0.58	-0.07	0.22	-1.20		
C5-GMOD PISTON	-0.42	-1.14	-0.23	0.20	-0.06	0.49	-0.22		
C6-GMOD PISTON	-0.07	1.63	0.25	-0.66	-1.03	0.15	-0.18		
MAXIMUM	2.36	1.63	-1.39	1.79	-4.32	-7.60	-2.95		
MINIMUM	0.02	0.04	-0.12	0.06	-0.06	0.15	-0.18		
RANGE(MAX-MIN)	2.340	1.590	-1.270	1.730	-4.260	-7.750	-2.770		
MEAN	0.183	0.078	-0.461	0.420	-0.649	-1.838	-1.045		
STANDARD DEVIATION	0.822	0.734	0.695	0.857	1.641	2.781	0.975		

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Rater= Zalewski, John

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	THTOT	ATTOT	FRTOT	RRTOT
A1-SEQUENCE IIIG PISTON	0.35	0.01	-0.54	2.97	0.90	0.48	0.01		
A2-SEQUENCE IIIG PISTON	0.02	-0.07	0.04	-0.11	-0.31	0.01	0.15		
A3-SEQUENCE IIIH PISTON	0.90	0.04	-0.57	1.99	-0.56	0.32	-0.31		
A4-SEQUENCE IIIH PISTON	-0.55	-0.06	-0.04	0.69	0.61	-0.34	-0.30		
A5-GMOD PISTON	-0.56	-0.24	0.38	0.95	0.71	-1.57	-0.88		
A6-GMOD PISTON	1.05	-0.79	1.12	1.00	-0.21	-0.58	-0.41		
B1-SEQUENCE IIIG PISTON									
B2-SEQUENCE IIIG PISTON									
B3-SEQUENCE IIIH PISTON									
B4-SEQUENCE IIIH PISTON									
B5-GMOD PISTON									
B6-GMOD PISTON									
C1-SEQUENCE IIIG PISTON	0.93	-0.31	-1.74	0.30	2.94	0.31	-0.19		
C2-SEQUENCE IIIG PISTON	0.04	0.13	-0.59	4.19	1.12	1.22	-0.25		
C3-SEQUENCE IIIH PISTON	0.46	1.19	0.95	0.61	-0.44	-0.11	-0.06		
C4-SEQUENCE IIIH PISTON	-0.06	0.92	-1.06	-0.27	-0.07	0.42	0.15		
C5-GMOD PISTON	0.18	-1.23	-0.83	1.50	0.27	-2.08	-2.02		
C6-GMOD PISTON	-1.61	-1.87	0.25	-0.31	-0.03	0.05	-0.18		
MAXIMUM	-1.61	-1.87	-1.74	4.19	2.94	-2.08	-2.02		
MINIMUM	0.02	0.01	0.04	-0.11	-0.03	0.01	0.01		
RANGE(MAX-MIN)	-1.630	-1.880	-1.780	4.300	2.970	-2.090	-2.030		
MEAN	0.096	-0.190	-0.219	1.126	0.411	-0.156	-0.358		
STANDARD DEVIATION	0.754	0.834	0.831	1.362	0.967	0.908	0.592		

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Rater= Aguirre, Nancy P

YI Values

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

PartID	P1	P2	P3	P4	P5	P6	P7	P8	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI	
H1-8-INTAKE VALVE SET																	
I1-8-INTAKE VALVE SET																	
PTOPS-PISTON TOPS																	
MAXIMUM																	
MINIMUM																	
RANGE(MAX-MIN)																	
MEAN																	
STANDARD DEVIATION																	

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Rater= Arrizon, Richard

YI Values

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

PartID	P1	P2	P3	P4	P5	P6	P7	P8	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI	
H1-8-INTAKE VALVE SET																	
I1-8-INTAKE VALVE SET																	
PTOPS-PISTON TOPS																	
MAXIMUM																	
MINIMUM																	
RANGE(MAX-MIN)																	
MEAN																	
STANDARD DEVIATION																	

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Rater= Barrera, Tony

YI Values

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

PartID	P1	P2	P3	P4	P5	P6	P7	P8	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI
H1-8-INTAKE VALVE SET	0.17	0.28	0.04	-1.16	0.46	-0.85	0.15	1.30								
I1-8-INTAKE VALVE SET	-0.03	-0.73	-0.13	-0.13	-0.64	1.32	-0.53	-0.82								
PTOPS-PISTON TOPS									0.74	0.41	0.08	-0.05	1.09	0.51	-0.08	-0.44
MAXIMUM	0.17	-0.73	-0.13	-1.16	-0.64	1.32	-0.53	1.30	0.74	0.41	0.08	-0.05	1.09	0.51	-0.08	-0.44
MINIMUM	-0.03	0.28	0.04	-0.13	0.46	-0.85	0.15	-0.82	0.74	0.41	0.08	-0.05	1.09	0.51	-0.08	-0.44
RANGE(MAX-MIN)	0.200	-1.010	-0.170	-1.030	-1.100	2.170	-0.680	2.120	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
MEAN	-0.030	-0.730	-0.130	-1.160	-0.640	-0.850	-0.530	-0.820	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Rater= Bolaney, Jonathan

YI Values

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

PartID	P1	P2	P3	P4	P5	P6	P7	P8	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI
H1-8-INTAKE VALVE SET																
I1-8-INTAKE VALVE SET																
PTOPS-PISTON TOPS									0.26	-0.32	-0.35	0.27	-0.41	-0.51	-0.17	0.41
MAXIMUM									0.26	-0.32	-0.35	0.27	-0.41	-0.51	-0.17	0.41
MINIMUM									0.26	-0.32	-0.35	0.27	-0.41	-0.51	-0.17	0.41
RANGE(MAX-MIN)									0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
MEAN									0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION									0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Rater= Brawley, Greg

YI Values

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

PartID	P1	P2	P3	P4	P5	P6	P7	P8	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI		
H1-8-INTAKE VALVE SET																		
I1-8-INTAKE VALVE SET																		
PTOPS-PISTON TOPS																		
MAXIMUM																		
MINIMUM																		
RANGE(MAX-MIN)																		
MEAN																		
STANDARD DEVIATION																		

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Rater= Broff, Andy

YI Values

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

PartID	P1	P2	P3	P4	P5	P6	P7	P8	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI	
H1-8-INTAKE VALVE SET																	
I1-8-INTAKE VALVE SET																	
PTOPS-PISTON TOPS																	
MAXIMUM																	
MINIMUM																	
RANGE(MAX-MIN)																	
MEAN																	
STANDARD DEVIATION																	

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Rater= Cales, Jonathon

YI Values

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

PartID	P1	P2	P3	P4	P5	P6	P7	P8	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI	
H1-8-INTAKE VALVE SET																	
I1-8-INTAKE VALVE SET																	
PTOPS-PISTON TOPS																	
MAXIMUM																	
MINIMUM																	
RANGE(MAX-MIN)																	
MEAN																	
STANDARD DEVIATION																	

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Rater= Caproni, David

YI Values

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

PartID	P1	P2	P3	P4	P5	P6	P7	P8	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI	
H1-8-INTAKE VALVE SET																	
I1-8-INTAKE VALVE SET																	
PTOPS-PISTON TOPS																	
MAXIMUM																	
MINIMUM																	
RANGE(MAX-MIN)																	
MEAN																	
STANDARD DEVIATION																	

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Rater= Castillo, George

YI Values

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

PartID	P1	P2	P3	P4	P5	P6	P7	P8	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI
H1-8-INTAKE VALVE SET	-0.70	-1.94	-0.70	-0.45	-0.44	-1.16	-1.37	-0.35								
I1-8-INTAKE VALVE SET	-1.35	-0.73	-0.38	-1.34	-0.94	-0.38	-0.12	-0.40								
PTOPS-PISTON TOPS									-0.60	-1.10	-0.32	0.18	0.08	0.13	0.29	-0.18
MAXIMUM	-1.35	-1.94	-0.70	-1.34	-0.94	-1.16	-1.37	-0.40	-0.60	-1.10	-0.32	0.18	0.08	0.13	0.29	-0.18
MINIMUM	-0.70	-0.73	-0.38	-0.45	-0.44	-0.38	-0.12	-0.35	-0.60	-1.10	-0.32	0.18	0.08	0.13	0.29	-0.18
RANGE(MAX-MIN)	-0.650	-1.210	-0.320	-0.890	-0.500	-0.780	-1.250	-0.050	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
MEAN	-1.350	-1.940	-0.700	-1.340	-0.940	-1.160	-1.370	-0.400	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Rater= Cumberworth, Lee

YI Values

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

PartID	P1	P2	P3	P4	P5	P6	P7	P8	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI
H1-8-INTAKE VALVE SET	0.32	0.28	-0.33	-0.03	0.37	0.54	-0.71	0.35								
I1-8-INTAKE VALVE SET	-0.88	0.38	-0.49	-1.77	0.67	0.33	0.80	0.23								
PTOPS-PISTON TOPS									0.26	1.48	1.08	0.41	0.16	0.57	0.92	0.65
MAXIMUM	-0.88	0.38	-0.49	-1.77	0.67	0.54	0.80	0.35	0.26	1.48	1.08	0.41	0.16	0.57	0.92	0.65
MINIMUM	0.32	0.28	-0.33	-0.03	0.37	0.33	-0.71	0.23	0.26	1.48	1.08	0.41	0.16	0.57	0.92	0.65
RANGE(MAX-MIN)	-1.200	0.100	-0.160	-1.740	0.300	0.210	1.510	0.120	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
MEAN	-0.880	0.280	-0.490	-1.770	0.370	0.330	-0.710	0.230	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Rater= Dalvand, Izadyar

YI Values

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

PartID	P1	P2	P3	P4	P5	P6	P7	P8	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI	
H1-8-INTAKE VALVE SET																	
I1-8-INTAKE VALVE SET																	
PTOPS-PISTON TOPS																	
MAXIMUM																	
MINIMUM																	
RANGE(MAX-MIN)																	
MEAN																	
STANDARD DEVIATION																	

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Rater= De Armas, Raymond

YI Values

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

PartID	P1	P2	P3	P4	P5	P6	P7	P8	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI
H1-8-INTAKE VALVE SET																
I1-8-INTAKE VALVE SET																
PTOPS-PISTON TOPS																
MAXIMUM																
MINIMUM																
RANGE(MAX-MIN)																
MEAN																
STANDARD DEVIATION																

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Rater= DeCapite, Vanessa

YI Values

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

PartID	P1	P2	P3	P4	P5	P6	P7	P8	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI
H1-8-INTAKE VALVE SET	2.20	-0.46	1.75	1.48	0.82	-0.23	1.68	0.93								
I1-8-INTAKE VALVE SET	1.29	0.89	0.13	1.08	-1.83	-1.52	-1.15	-1.03								
PTOPS-PISTON TOPS																
MAXIMUM	2.20	0.89	1.75	1.48	-1.83	-1.52	1.68	-1.03								
MINIMUM	1.29	-0.46	0.13	1.08	0.82	-0.23	-1.15	0.93								
RANGE(MAX-MIN)	0.910	1.350	1.620	0.400	-2.650	-1.290	2.830	-1.960								
MEAN	1.290	-0.460	0.130	1.080	-1.830	-1.520	-1.150	-1.030								
STANDARD DEVIATION	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000								

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Rater= Dominguez, Lucio

YI Values

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

PartID	P1	P2	P3	P4	P5	P6	P7	P8	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI
H1-8-INTAKE VALVE SET	-0.41	-0.09	-0.70	0.42	0.46	0.08	0.92	-1.81								
I1-8-INTAKE VALVE SET	1.29	0.08	0.65	0.17	-0.05	-0.67	0.29	2.74								
PTOPS-PISTON TOPS									0.70	0.61	0.80	0.32	0.30	0.54	0.31	0.43
MAXIMUM	1.29	-0.09	-0.70	0.42	0.46	-0.67	0.92	2.74	0.70	0.61	0.80	0.32	0.30	0.54	0.31	0.43
MINIMUM	-0.41	0.08	0.65	0.17	-0.05	0.08	0.29	-1.81	0.70	0.61	0.80	0.32	0.30	0.54	0.31	0.43
RANGE(MAX-MIN)	1.700	-0.170	-1.350	0.250	0.510	-0.750	0.630	4.550	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
MEAN	-0.410	-0.090	-0.700	0.170	-0.050	-0.670	0.290	-1.810	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Rater= Foecking, Brian

YI Values

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

PartID	P1	P2	P3	P4	P5	P6	P7	P8	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI
H1-8-INTAKE VALVE SET	-0.41	0.65	-0.21	0.42	0.46	0.70	0.15	0.75								
I1-8-INTAKE VALVE SET	-0.29	-0.53	-0.64	-0.13	0.55	0.47	-0.33	-0.40								
PTOPS-PISTON TOPS									-0.02	-1.07	-0.66	-1.25	0.43	-0.34	-1.84	-1.32
MAXIMUM	-0.41	0.65	-0.64	0.42	0.55	0.70	-0.33	0.75	-0.02	-1.07	-0.66	-1.25	0.43	-0.34	-1.84	-1.32
MINIMUM	-0.29	-0.53	-0.21	-0.13	0.46	0.47	0.15	-0.40	-0.02	-1.07	-0.66	-1.25	0.43	-0.34	-1.84	-1.32
RANGE(MAX-MIN)	-0.120	1.180	-0.430	0.550	0.090	0.230	-0.480	1.150	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
MEAN	-0.410	-0.530	-0.640	-0.130	0.460	0.470	-0.330	-0.400	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Rater= Guarda, Waldyr

YI Values

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

PartID	P1	P2	P3	P4	P5	P6	P7	P8	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI
H1-8-INTAKE VALVE SET	-1.86	-1.57	-1.68	-2.74	-2.80	-0.85	-0.35	-1.08								
I1-8-INTAKE VALVE SET	-0.29	-1.74	-0.13	-0.43	-2.13	-1.52	-2.59	-2.28								
PTOPS-PISTON TOPS									1.09	0.76	0.21	1.35	1.93	1.30	1.06	1.04
MAXIMUM	-1.86	-1.74	-1.68	-2.74	-2.80	-1.52	-2.59	-2.28	1.09	0.76	0.21	1.35	1.93	1.30	1.06	1.04
MINIMUM	-0.29	-1.57	-0.13	-0.43	-2.13	-0.85	-0.35	-1.08	1.09	0.76	0.21	1.35	1.93	1.30	1.06	1.04
RANGE(MAX-MIN)	-1.570	-0.170	-1.550	-2.310	-0.670	-0.670	-2.240	-1.200	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
MEAN	-1.860	-1.740	-1.680	-2.740	-2.800	-1.520	-2.590	-2.280	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Rater= Hayden, Matthew (rerate)

YI Values

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

PartID	P1	P2	P3	P4	P5	P6	P7	P8	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI	
H1-8-INTAKE VALVE SET																	
I1-8-INTAKE VALVE SET																	
PTOPS-PISTON TOPS																	
MAXIMUM																	
MINIMUM																	
RANGE(MAX-MIN)																	
MEAN																	
STANDARD DEVIATION																	

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Rater= Hayden, Matthew

YI Values

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

PartID	P1	P2	P3	P4	P5	P6	P7	P8	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI
H1-8-INTAKE VALVE SET	-0.15	1.76	-0.11	0.09	-0.77	1.01	-0.51	0.18								
I1-8-INTAKE VALVE SET	-0.29	0.91	-0.05	-0.55	1.39	1.89	1.54	0.58								
PTOPS-PISTON TOPS																
MAXIMUM	-0.29	1.76	-0.11	-0.55	1.39	1.89	1.54	0.58								
MINIMUM	-0.15	0.91	-0.05	0.09	-0.77	1.01	-0.51	0.18								
RANGE(MAX-MIN)	-0.140	0.850	-0.060	-0.640	2.160	0.880	2.050	0.400								
MEAN	-0.290	0.910	-0.110	-0.550	-0.770	1.010	-0.510	0.180								
STANDARD DEVIATION	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000								

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Rater= Kobrinetz, Joaquin J.

YI Values

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

PartID	P1	P2	P3	P4	P5	P6	P7	P8	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI	
H1-8-INTAKE VALVE SET	-0.18	1.39	-0.50	0.55	0.43	1.38	0.13	0.49									
I1-8-INTAKE VALVE SET	-0.16	0.67	-0.13	-0.13	1.48	0.90	1.01	0.69									
PTOPS-PISTON TOPS									0.10	0.76	0.49	0.27	-0.36	-0.25	0.43	0.41	
MAXIMUM	-0.18	1.39	-0.50	0.55	1.48	1.38	1.01	0.69	0.10	0.76	0.49	0.27	-0.36	-0.25	0.43	0.41	
MINIMUM	-0.16	0.67	-0.13	-0.13	0.43	0.90	0.13	0.49	0.10	0.76	0.49	0.27	-0.36	-0.25	0.43	0.41	
RANGE(MAX-MIN)	-0.020	0.720	-0.370	0.680	1.050	0.480	0.880	0.200	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
MEAN	-0.180	0.670	-0.500	-0.130	0.430	0.900	0.130	0.490	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
STANDARD DEVIATION	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Rater= Liang, Chen

YI Values

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

PartID	P1	P2	P3	P4	P5	P6	P7	P8	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI
H1-8-INTAKE VALVE SET	-0.12	-0.83	0.04	-0.28	-0.81	0.08	-0.86	-0.90								
I1-8-INTAKE VALVE SET	-0.82	-0.12	0.13	-0.43	0.55	-0.38	0.70	0.65								
PTOPS-PISTON TOPS									0.12	-0.46	-0.23	0.04	-0.61	-0.16	0.00	-0.47
MAXIMUM	-0.82	-0.83	0.13	-0.43	-0.81	-0.38	-0.86	-0.90	0.12	-0.46	-0.23	0.04	-0.61	-0.16	0.00	-0.47
MINIMUM	-0.12	-0.12	0.04	-0.28	0.55	0.08	0.70	0.65	0.12	-0.46	-0.23	0.04	-0.61	-0.16	0.00	-0.47
RANGE(MAX-MIN)	-0.700	-0.710	0.090	-0.150	-1.360	-0.460	-1.560	-1.550	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
MEAN	-0.820	-0.830	0.040	-0.430	-0.810	-0.380	-0.860	-0.900	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Rater= Lonsway, Chris

YI Values

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

PartID	P1	P2	P3	P4	P5	P6	P7	P8	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI
H1-8-INTAKE VALVE SET																
I1-8-INTAKE VALVE SET																
PTOPS-PISTON TOPS																
MAXIMUM																
MINIMUM																
RANGE(MAX-MIN)																
MEAN																
STANDARD DEVIATION																

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Rater= Lopez, Frank

YI Values

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

PartID	P1	P2	P3	P4	P5	P6	P7	P8	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI
H1-8-INTAKE VALVE SET	0.17	0.28	-1.19	-0.81	0.28	-0.23	-0.61	-0.17								
I1-8-INTAKE VALVE SET	-0.29	-0.53	-0.13	-0.43	-0.05	0.76	0.08	0.02								
PTOPS-PISTON TOPS									-0.43	-0.61	0.33	0.09	-0.19	0.07	0.00	-0.10
MAXIMUM	-0.29	-0.53	-1.19	-0.81	0.28	0.76	-0.61	-0.17	-0.43	-0.61	0.33	0.09	-0.19	0.07	0.00	-0.10
MINIMUM	0.17	0.28	-0.13	-0.43	-0.05	-0.23	0.08	0.02	-0.43	-0.61	0.33	0.09	-0.19	0.07	0.00	-0.10
RANGE(MAX-MIN)	-0.460	-0.810	-1.060	-0.380	0.330	0.990	-0.690	-0.190	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
MEAN	-0.290	-0.530	-1.190	-0.810	-0.050	-0.230	-0.610	-0.170	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Rater= Price, Gregory

Yi Values

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

PartID	P1	P2	P3	P4	P5	P6	P7	P8	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI
H1-8-INTAKE VALVE SET	-0.70	1.46	0.40	0.50	1.02	1.59	0.56	0.73								
I1-8-INTAKE VALVE SET	0.47	1.19	0.60	0.30	1.18	0.90	0.74	0.83								
PTOPS-PISTON TOPS									0.37	0.61	0.64	0.72	0.16	0.83	0.65	0.65
MAXIMUM	-0.70	1.46	0.60	0.50	1.18	1.59	0.74	0.83	0.37	0.61	0.64	0.72	0.16	0.83	0.65	0.65
MINIMUM	0.47	1.19	0.40	0.30	1.02	0.90	0.56	0.73	0.37	0.61	0.64	0.72	0.16	0.83	0.65	0.65
RANGE(MAX-MIN)	-1.170	0.270	0.200	0.200	0.160	0.690	0.180	0.100	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
MEAN	-0.700	1.190	0.400	0.300	1.020	0.900	0.560	0.730	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Rater= Rodriguez, Edward

YI Values

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

PartID	P1	P2	P3	P4	P5	P6	P7	P8	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI
H1-8-INTAKE VALVE SET																
I1-8-INTAKE VALVE SET																
PTOPS-PISTON TOPS																
MAXIMUM																
MINIMUM																
RANGE(MAX-MIN)																
MEAN																
STANDARD DEVIATION																

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Rater= Rodriguez, Jesus (Jesse)

YI Values

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

PartID	P1	P2	P3	P4	P5	P6	P7	P8	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI
H1-8-INTAKE VALVE SET	0.17	0.28	-0.21	0.42	1.19	0.70	-0.61	0.57								
I1-8-INTAKE VALVE SET	-0.56	0.08	-0.64	-0.43	0.85	-0.38	0.29	0.02								
PTOPS-PISTON TOPS									-0.48	-0.38	-1.19	-1.25	-1.03	-1.53	-1.26	-1.40
MAXIMUM	-0.56	0.28	-0.64	-0.43	1.19	0.70	-0.61	0.57	-0.48	-0.38	-1.19	-1.25	-1.03	-1.53	-1.26	-1.40
MINIMUM	0.17	0.08	-0.21	0.42	0.85	-0.38	0.29	0.02	-0.48	-0.38	-1.19	-1.25	-1.03	-1.53	-1.26	-1.40
RANGE(MAX-MIN)	-0.730	0.200	-0.430	-0.850	0.340	1.080	-0.900	0.550	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
MEAN	-0.560	0.080	-0.640	-0.430	0.850	-0.380	-0.610	0.020	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Rater= Sablad, Bertrand

YI Values

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

PartID	P1	P2	P3	P4	P5	P6	P7	P8	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI
H1-8-INTAKE VALVE SET	0.90	1.20	1.75	1.39	1.37	-2.24	0.92	1.84								
I1-8-INTAKE VALVE SET	1.29	0.38	1.30	1.54	-0.19	1.04	0.08	-0.50								
PTOPS-PISTON TOPS																
MAXIMUM	1.29	1.20	1.75	1.54	1.37	-2.24	0.92	1.84								
MINIMUM	0.90	0.38	1.30	1.39	-0.19	1.04	0.08	-0.50								
RANGE(MAX-MIN)	0.390	0.820	0.450	0.150	1.560	-3.280	0.840	2.340								
MEAN	0.900	0.380	1.300	1.390	-0.190	-2.240	0.080	-0.500								
STANDARD DEVIATION	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000								

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Rater= Sanchez, Arthur

YI Values

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

PartID	P1	P2	P3	P4	P5	P6	P7	P8	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI	
H1-8-INTAKE VALVE SET	-1.28	-0.46	-0.70	-0.28	-0.26	0.70	-0.86	0.20									
I1-8-INTAKE VALVE SET	-0.56	0.48	-0.64	0.48	-0.34	-0.10	0.49	0.23									
PTOPS-PISTON TOPS									-0.76	-1.31	-1.60	-1.82	-1.49	-0.95	-1.00	-1.10	
MAXIMUM	-1.28	0.48	-0.70	0.48	-0.34	0.70	-0.86	0.23	-0.76	-1.31	-1.60	-1.82	-1.49	-0.95	-1.00	-1.10	
MINIMUM	-0.56	-0.46	-0.64	-0.28	-0.26	-0.10	0.49	0.20	-0.76	-1.31	-1.60	-1.82	-1.49	-0.95	-1.00	-1.10	
RANGE(MAX-MIN)	-0.720	0.940	-0.060	0.760	-0.080	0.800	-1.350	0.030	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
MEAN	-1.280	-0.460	-0.700	-0.280	-0.340	-0.100	-0.860	0.200	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
STANDARD DEVIATION	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Rater= Seiz, Ray

YI Values

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

PartID	P1	P2	P3	P4	P5	P6	P7	P8	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI
H1-8-INTAKE VALVE SET	1.91	-0.46	2.24	1.48	0.28	-0.54	2.19	-1.99								
I1-8-INTAKE VALVE SET	2.08	2.10	2.46	2.60	0.25	-0.10	-0.94	-0.19								
PTOPS-PISTON TOPS									-2.38	-0.09	-0.82	-0.25	-0.34	-1.09	-0.41	0.65
MAXIMUM	2.08	2.10	2.46	2.60	0.28	-0.54	2.19	-1.99	-2.38	-0.09	-0.82	-0.25	-0.34	-1.09	-0.41	0.65
MINIMUM	1.91	-0.46	2.24	1.48	0.25	-0.10	-0.94	-0.19	-2.38	-0.09	-0.82	-0.25	-0.34	-1.09	-0.41	0.65
RANGE(MAX-MIN)	0.170	2.560	0.220	1.120	0.030	-0.440	3.130	-1.800	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
MEAN	1.910	-0.460	2.240	1.480	0.250	-0.540	-0.940	-1.990	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Rater= Terrado, Ken

YI Values

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

PartID	P1	P2	P3	P4	P5	P6	P7	P8	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI
H1-8-INTAKE VALVE SET																
I1-8-INTAKE VALVE SET																
PTOPS-PISTON TOPS																
MAXIMUM																
MINIMUM																
RANGE(MAX-MIN)																
MEAN																
STANDARD DEVIATION																

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Rater= Trevino, Robert

YI Values

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

PartID	P1	P2	P3	P4	P5	P6	P7	P8	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI
H1-8-INTAKE VALVE SET	-0.99	-0.46	-0.45	0.07	0.10	0.70	-1.12	-0.17								
I1-8-INTAKE VALVE SET	-1.35	-0.53	-2.71	-0.74	-0.34	-0.38	0.49	-0.40								
PTOPS-PISTON TOPS									-1.06	-1.31	-0.94	-1.14	-1.54	-1.36	-1.09	-1.42
MAXIMUM	-1.35	-0.53	-2.71	-0.74	-0.34	0.70	-1.12	-0.40	-1.06	-1.31	-0.94	-1.14	-1.54	-1.36	-1.09	-1.42
MINIMUM	-0.99	-0.46	-0.45	0.07	0.10	-0.38	0.49	-0.17	-1.06	-1.31	-0.94	-1.14	-1.54	-1.36	-1.09	-1.42
RANGE(MAX-MIN)	-0.360	-0.070	-2.260	-0.810	-0.440	1.080	-1.610	-0.230	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
MEAN	-1.350	-0.530	-2.710	-0.740	-0.340	-0.380	-1.120	-0.400	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Rater= Ueta, Yuki

YI Values

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

PartID	P1	P2	P3	P4	P5	P6	P7	P8	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI
H1-8-INTAKE VALVE SET																
I1-8-INTAKE VALVE SET																
PTOPS-PISTON TOPS																
MAXIMUM																
MINIMUM																
RANGE(MAX-MIN)																
MEAN																
STANDARD DEVIATION																

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Rater= Veiga, Victor

YI Values

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

PartID	P1	P2	P3	P4	P5	P6	P7	P8	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI
H1-8-INTAKE VALVE SET																
I1-8-INTAKE VALVE SET																
PTOPS-PISTON TOPS																
MAXIMUM																
MINIMUM																
RANGE(MAX-MIN)																
MEAN																
STANDARD DEVIATION																

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Rater= YaBin, Liu

YI Values

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

PartID	P1	P2	P3	P4	P5	P6	P7	P8	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI
H1-8-INTAKE VALVE SET	-0.12	-0.83	0.04	-0.28	-0.81	0.08	-0.86	-0.90								
I1-8-INTAKE VALVE SET	-0.82	-0.12	0.13	-0.43	0.55	-0.38	0.70	0.65								
PTOPS-PISTON TOPS																
MAXIMUM	-0.82	-0.83	0.13	-0.43	-0.81	-0.38	-0.86	-0.90								
MINIMUM	-0.12	-0.12	0.04	-0.28	0.55	0.08	0.70	0.65								
RANGE(MAX-MIN)	-0.700	-0.710	0.090	-0.150	-1.360	-0.460	-1.560	-1.550								
MEAN	-0.820	-0.830	0.040	-0.430	-0.810	-0.380	-0.860	-0.900								
STANDARD DEVIATION	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000								

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Rater= Zalewski, John

YI Values

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

PartID	P1	P2	P3	P4	P5	P6	P7	P8	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI
H1-8-INTAKE VALVE SET	1.04	-0.46	0.53	-0.81	-1.35	-1.46	1.17	0.02								
I1-8-INTAKE VALVE SET	1.29	-2.14	0.65	0.78	-0.94	-1.80	-1.56	-0.61								
PTOPS-PISTON TOPS									2.08	2.03	2.48	2.10	1.81	2.23	2.20	2.18
MAXIMUM	1.29	-2.14	0.65	-0.81	-1.35	-1.80	-1.56	-0.61	2.08	2.03	2.48	2.10	1.81	2.23	2.20	2.18
MINIMUM	1.04	-0.46	0.53	0.78	-0.94	-1.46	1.17	0.02	2.08	2.03	2.48	2.10	1.81	2.23	2.20	2.18
RANGE(MAX-MIN)	0.250	-1.680	0.120	-1.590	-0.410	-0.340	-2.730	-0.630	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
MEAN	1.040	-2.140	0.530	-0.810	-1.350	-1.800	-1.560	-0.610	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Rater= Aguirre, Nancy P

YI Values

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

PartID	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI	AVERAG	
P1-8-SEQ. VH PISTONS	1.22	0.96	0.77	0.25	0.56	0.30	0.67	0.78		
Q1-8-SEQ. VH PISTONS										
R1-8-SEQ. VH PISTONS	-0.09	0.77	-0.30	0.22	1.23	-0.47	-0.01	0.40		
S1-8-SEQ. VH PISTONS	0.36	1.37	0.75	0.64	0.34	0.12	-0.14	-0.11		
VRCBVL-RC BFL VARN L										-0.57
VRCBVR-RC BFL VARN R										-0.56
MAXIMUM	1.22	1.37	0.77	0.64	1.23	-0.47	0.67	0.78		-0.57
MINIMUM	-0.09	0.77	-0.30	0.22	0.34	0.12	-0.01	-0.11		-0.56
RANGE(MAX-MIN)	1.310	0.600	1.070	0.420	0.890	-0.590	0.680	0.890		-0.010
MEAN	0.497	1.033	0.407	0.370	0.710	-0.017	0.173	0.357		-0.570
STANDARD DEVIATION	0.666	0.307	0.612	0.234	0.464	0.403	0.435	0.447		0.000

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Rater= Arrizon, Richard

YI Values

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

PartID	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI	AVERAG	
P1-8-SEQ. VH PISTONS										
Q1-8-SEQ. VH PISTONS										
R1-8-SEQ. VH PISTONS										
S1-8-SEQ. VH PISTONS										
VRCBVL-RC BFL VARN L										
VRCBVR-RC BFL VARN R										
MAXIMUM										
MINIMUM										
RANGE(MAX-MIN)										
MEAN										
STANDARD DEVIATION										

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Rater= Barrera, Tony

YI Values

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

PartID	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI	AVERAG	
P1-8-SEQ. VH PISTONS	-1.07	-2.00	-1.52	-1.00	-2.14	-1.71	-1.76	-1.32		
Q1-8-SEQ. VH PISTONS										
R1-8-SEQ. VH PISTONS	-1.74	-1.27	-2.85	-2.73	-1.03	-1.93	-2.24	-2.06		
S1-8-SEQ. VH PISTONS	-0.64	-0.43	-0.70	-1.59	-1.15	-1.18	-0.50	-2.13		
VRCBVL-RC BFL VARN L									-0.57	
VRCBVR-RC BFL VARN R									-0.56	
MAXIMUM	-1.74	-2.00	-2.85	-2.73	-2.14	-1.93	-2.24	-2.13	-0.57	
MINIMUM	-0.64	-0.43	-0.70	-1.00	-1.03	-1.18	-0.50	-1.32	-0.56	
RANGE(MAX-MIN)	-1.100	-1.570	-2.150	-1.730	-1.110	-0.750	-1.740	-0.810	-0.010	
MEAN	-1.150	-1.233	-1.690	-1.773	-1.440	-1.607	-1.500	-1.837	-0.570	
STANDARD DEVIATION	0.554	0.786	1.085	0.879	0.609	0.386	0.899	0.449	0.000	

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Rater= Bolaney, Jonathan

YI Values

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

PartID	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI	AVERAG	
P1-8-SEQ. VH PISTONS	0.54	0.16	0.12	0.44	1.36	1.00	0.78	0.99		
Q1-8-SEQ. VH PISTONS										
R1-8-SEQ. VH PISTONS	0.49	0.26	0.69	0.75	-1.16	-1.55	-1.59	-0.02		
S1-8-SEQ. VH PISTONS	0.06	0.19	-0.59	-0.14	0.24	0.52	0.36	0.40		
VRCBVL-RC BFL VARN L									0.93	
VRCBVR-RC BFL VARN R									0.74	
MAXIMUM	0.54	0.26	0.69	0.75	1.36	-1.55	-1.59	0.99	0.93	
MINIMUM	0.06	0.16	0.12	-0.14	0.24	0.52	0.36	-0.02	0.74	
RANGE(MAX-MIN)	0.480	0.100	0.570	0.890	1.120	-2.070	-1.950	1.010	0.190	
MEAN	0.363	0.203	0.073	0.350	0.147	-0.010	-0.150	0.457	0.740	
STANDARD DEVIATION	0.264	0.100	0.641	0.452	1.263	1.355	1.265	0.507	0.000	

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Rater= Brawley, Greg

YI Values

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

PartID	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI	AVERAG	
P1-8-SEQ. VH PISTONS	0.78	-2.85	-0.16	-1.10	0.66	1.16	0.15	0.19		
Q1-8-SEQ. VH PISTONS	-0.28	0.11	0.91	2.73	1.27	0.64	0.89	0.88		
R1-8-SEQ. VH PISTONS	2.73	1.34	1.93	1.76	-0.23	-0.72	-1.66	1.80		
S1-8-SEQ. VH PISTONS										
VRCBVL-RC BFL VARN L										
VRCBVR-RC BFL VARN R										
MAXIMUM	2.73	-2.85	1.93	2.73	1.27	1.16	-1.66	1.80		
MINIMUM	-0.28	0.11	-0.16	-1.10	-0.23	0.64	0.15	0.19		
RANGE(MAX-MIN)	3.010	-2.960	2.090	3.830	1.500	0.520	-1.810	1.610		
MEAN	1.077	-0.467	0.893	1.130	0.567	0.360	-0.207	0.957		
STANDARD DEVIATION	1.527	2.154	1.045	1.991	0.754	0.971	1.312	0.808		

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Rater= Broff, Andy

YI Values

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

PartID	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI	AVERAG	
P1-8-SEQ. VH PISTONS	-0.09	-0.54	1.05	-0.33	0.66	0.08	1.82	0.29		
Q1-8-SEQ. VH PISTONS	-0.03	1.70	0.82	0.19	0.93	-0.89	-1.57	-0.55		
R1-8-SEQ. VH PISTONS	0.01	0.32	0.03	1.89	0.12	-1.36	0.14	-1.27		
S1-8-SEQ. VH PISTONS										
VRCBVL-RC BFL VARN L										-0.07
VRCBVR-RC BFL VARN R										-0.06
MAXIMUM	-0.09	1.70	1.05	1.89	0.93	-1.36	1.82	-1.27	-0.07	
MINIMUM	0.01	0.32	0.03	0.19	0.12	0.08	0.14	0.29	-0.06	
RANGE(MAX-MIN)	-0.100	1.380	1.020	1.700	0.810	-1.440	1.680	-1.560	-0.010	
MEAN	-0.037	0.493	0.633	0.583	0.570	-0.723	0.130	-0.510	-0.070	
STANDARD DEVIATION	0.100	1.130	0.535	1.161	0.412	0.734	1.695	0.781	0.000	

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Rater= Cales, Jonathon

YI Values

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

PartID	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI	AVERAG	
P1-8-SEQ. VH PISTONS	-0.63	-0.44	1.33	-0.71	-1.44	-0.19	-0.20	-0.30		
Q1-8-SEQ. VH PISTONS	-0.08	-0.56	-0.02	-0.92	-2.22	-0.27	0.07	-0.03		
R1-8-SEQ. VH PISTONS	1.66	1.85	0.86	0.82	-0.01	0.36	-0.08	1.10		
S1-8-SEQ. VH PISTONS										
VRCBVL-RC BFL VARN L									0.43	
VRCBVR-RC BFL VARN R									0.44	
MAXIMUM	1.66	1.85	1.33	-0.92	-2.22	0.36	-0.20	1.10	0.44	
MINIMUM	-0.08	-0.44	-0.02	-0.71	-0.01	-0.19	0.07	-0.03	0.43	
RANGE(MAX-MIN)	1.740	2.290	1.350	-0.210	-2.210	0.550	-0.270	1.130	0.010	
MEAN	0.317	0.283	0.723	-0.270	-1.223	-0.033	-0.070	0.257	0.430	
STANDARD DEVIATION	1.195	1.358	0.685	0.950	1.121	0.343	0.135	0.743	0.000	

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Rater= Caproni, David

YI Values

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

PartID	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI	AVERAG	
P1-8-SEQ. VH PISTONS										
Q1-8-SEQ. VH PISTONS	0.11	2.21	-1.58	1.94	1.33	0.48	0.71	1.23		
R1-8-SEQ. VH PISTONS	-0.77	0.07	0.03	0.69	0.25	1.57	0.43	1.10		
S1-8-SEQ. VH PISTONS	1.16	0.85	0.89	0.67	1.24	0.12	0.05	-0.11		
VRCBVL-RC BFL VARN L									0.43	
VRCBVR-RC BFL VARN R									0.44	
MAXIMUM	1.16	2.21	-1.58	1.94	1.33	1.57	0.71	1.23	0.44	
MINIMUM	0.11	0.07	0.03	0.67	0.25	0.12	0.05	-0.11	0.43	
RANGE(MAX-MIN)	1.050	2.140	-1.610	1.270	1.080	1.450	0.660	1.340	0.010	
MEAN	0.167	1.043	-0.220	1.100	0.940	0.723	0.397	0.740	0.430	
STANDARD DEVIATION	0.966	1.083	1.254	0.728	0.599	0.755	0.331	0.739	0.000	

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Rater= Castillo, George

YI Values

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

PartID	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI	AVERAG	
P1-8-SEQ. VH PISTONS	0.78	0.56	-0.96	-1.14	0.16	0.13	0.78	-0.51		
Q1-8-SEQ. VH PISTONS										
R1-8-SEQ. VH PISTONS	-0.38	-0.89	0.53	0.35	0.52	0.11	1.65	0.17		
S1-8-SEQ. VH PISTONS	-0.14	0.71	1.18	0.61	0.24	-0.08	2.69	0.48		
VRCBVL-RC BFL VARN L									0.83	
VRCBVR-RC BFL VARN R									0.64	
MAXIMUM	0.78	-0.89	1.18	-1.14	0.52	0.13	2.69	-0.51	0.83	
MINIMUM	-0.14	0.56	0.53	0.35	0.16	-0.08	0.78	0.17	0.64	
RANGE(MAX-MIN)	0.920	-1.450	0.650	-1.490	0.360	0.210	1.910	-0.680	0.190	
MEAN	0.087	0.127	0.250	-0.060	0.307	0.053	1.707	0.047	0.640	
STANDARD DEVIATION	0.612	0.884	1.097	0.944	0.189	0.116	0.956	0.506	0.000	

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Rater= Cumberworth, Lee

YI Values

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

PartID	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI	AVERAG	
P1-8-SEQ. VH PISTONS	-0.09	-1.04	-0.16	-0.04	-1.64	1.43	1.01	0.24		
Q1-8-SEQ. VH PISTONS	1.78	0.77	0.22	1.06	1.38	1.10	1.26	1.07		
R1-8-SEQ. VH PISTONS	-1.26	-1.21	0.20	0.69	-0.36	-1.42	-3.10	-0.76		
S1-8-SEQ. VH PISTONS	0.76	0.76	1.29	0.67	0.84	1.22	0.21	1.15		
VRCBVL-RC BFL VARN L										1.43
VRCBVR-RC BFL VARN R										1.44
MAXIMUM	1.78	-1.21	1.29	1.06	-1.64	1.43	-3.10	1.15	1.44	
MINIMUM	-0.09	0.76	-0.16	-0.04	-0.36	1.10	0.21	0.24	1.43	
RANGE(MAX-MIN)	1.870	-1.970	1.450	1.100	-1.280	0.330	-3.310	0.910	0.010	
MEAN	0.298	-0.180	0.388	0.595	0.055	0.583	-0.155	0.425	1.430	
STANDARD DEVIATION	1.289	1.093	0.626	0.460	1.344	1.342	2.014	0.891	0.000	

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Rater= Dalvand, Izadyar

YI Values

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

PartID	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI	AVERAG	
P1-8-SEQ. VH PISTONS										
Q1-8-SEQ. VH PISTONS										
R1-8-SEQ. VH PISTONS										
S1-8-SEQ. VH PISTONS										
VRCBVL-RC BFL VARN L										
VRCBVR-RC BFL VARN R										
MAXIMUM										
MINIMUM										
RANGE(MAX-MIN)										
MEAN										
STANDARD DEVIATION										

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Rater= De Armas, Raymond

YI Values

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

PartID	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI	AVERAG	
P1-8-SEQ. VH PISTONS	1.90	2.56	1.90	2.85	1.46	1.11	1.30	1.85		
Q1-8-SEQ. VH PISTONS	4.33	2.36	1.71	2.01	1.10	1.80	1.94	2.14		
R1-8-SEQ. VH PISTONS	3.02	4.47	3.82	0.69	4.10	4.56	2.87	1.71		
S1-8-SEQ. VH PISTONS	-0.14	2.37	2.31	0.31	1.04	0.02	1.05	-0.02		
VRCBVL-RC BFL VARN L									-2.57	
VRCBVR-RC BFL VARN R									-2.56	
MAXIMUM	4.33	4.47	3.82	2.85	4.10	4.56	2.87	2.14	-2.57	
MINIMUM	-0.14	2.36	1.71	0.31	1.04	0.02	1.05	-0.02	-2.56	
RANGE(MAX-MIN)	4.470	2.110	2.110	2.540	3.060	4.540	1.820	2.160	-0.010	
MEAN	2.278	2.940	2.435	1.465	1.925	1.873	1.790	1.420	-2.570	
STANDARD DEVIATION	1.893	1.024	0.957	1.176	1.462	1.936	0.812	0.977	0.000	

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Rater= DeCapite, Vanessa

YI Values

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

PartID	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI	AVERAG	
P1-8-SEQ. VH PISTONS	-1.70	-1.14	-1.33	-1.38	0.36	-0.79	-1.30	-0.94		
Q1-8-SEQ. VH PISTONS	-0.23	-0.61	0.10	-0.36	-0.36	-0.19	0.02	-0.55		
R1-8-SEQ. VH PISTONS										
S1-8-SEQ. VH PISTONS	0.76	0.66	-0.48	0.19	0.34	1.02	-0.38	1.07		
VRCBVL-RC BFL VARN L										-0.27
VRCBVR-RC BFL VARN R										-0.26
MAXIMUM	-1.70	-1.14	-1.33	-1.38	0.36	1.02	-1.30	1.07	-0.27	
MINIMUM	-0.23	-0.61	0.10	0.19	0.34	-0.19	0.02	-0.55	-0.26	
RANGE(MAX-MIN)	-1.470	-0.530	-1.430	-1.570	0.020	1.210	-1.320	1.620	-0.010	
MEAN	-0.390	-0.363	-0.570	-0.517	0.113	0.013	-0.553	-0.140	-0.270	
STANDARD DEVIATION	1.238	0.925	0.719	0.797	0.410	0.922	0.677	1.066	0.000	

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Rater= Dominguez, Lucio

YI Values

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

PartID	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI	AVERAG	
P1-8-SEQ. VH PISTONS	0.98	1.86	1.43	2.22	1.36	1.38	1.36	1.58		
Q1-8-SEQ. VH PISTONS	1.19	1.80	1.99	1.70	1.10	2.09	1.94	1.59		
R1-8-SEQ. VH PISTONS	1.17	0.71	0.69	-0.12	-0.45	-0.08	-0.15	0.12		
S1-8-SEQ. VH PISTONS	-0.14	0.52	0.58	0.51	0.84	0.22	0.48	0.73		
VRCBVL-RC BFL VARN L									0.43	
VRCBVR-RC BFL VARN R									-0.56	
MAXIMUM	1.19	1.86	1.99	2.22	1.36	2.09	1.94	1.59	-0.56	
MINIMUM	-0.14	0.52	0.58	-0.12	-0.45	-0.08	-0.15	0.12	0.43	
RANGE(MAX-MIN)	1.330	1.340	1.410	2.340	1.810	2.170	2.090	1.470	-0.990	
MEAN	0.800	1.223	1.173	1.078	0.713	0.903	0.908	1.005	-0.560	
STANDARD DEVIATION	0.634	0.706	0.663	1.072	0.804	1.011	0.926	0.715	0.000	

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Rater= Foecking, Brian

YI Values

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

PartID	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI	AVERAG	
P1-8-SEQ. VH PISTONS										
Q1-8-SEQ. VH PISTONS	-0.33	-0.15	-0.34	-0.60	0.48	-0.02	0.43	-0.11		
R1-8-SEQ. VH PISTONS	0.88	0.32	0.12	1.09	-0.23	0.36	0.07	-0.02		
S1-8-SEQ. VH PISTONS	0.46	-0.47	-0.31	0.64	0.64	0.92	0.07	0.73		
VRCBVL-RC BFL VARN L									0.03	
VRCBVR-RC BFL VARN R									0.14	
MAXIMUM	0.88	-0.47	-0.34	1.09	0.64	0.92	0.43	0.73	0.14	
MINIMUM	-0.33	-0.15	0.12	-0.60	-0.23	-0.02	0.07	-0.02	0.03	
RANGE(MAX-MIN)	1.210	-0.320	-0.460	1.690	0.870	0.940	0.360	0.750	0.110	
MEAN	0.337	-0.100	-0.177	0.377	0.297	0.420	0.190	0.200	0.030	
STANDARD DEVIATION	0.614	0.397	0.257	0.875	0.463	0.473	0.208	0.461	0.000	

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Rater= Guarda, Waldyr

YI Values

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

PartID	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI	AVERAG
P1-8-SEQ. VH PISTONS	-0.34	-0.84	0.26	0.59	-1.94	-0.73	-0.08	-2.66	
Q1-8-SEQ. VH PISTONS	0.26	-1.59	-2.74	-3.06	-0.92	0.48	0.62	0.68	
R1-8-SEQ. VH PISTONS	-0.67	-0.44	-2.77	-2.66	-2.26	-1.17	-2.38	-3.00	
S1-8-SEQ. VH PISTONS	-2.24	-2.37	-0.25	-0.53	-1.55	-2.38	-0.31	-0.95	
VRCBVL-RC BFL VARN L									-1.77
VRCBVR-RC BFL VARN R									-2.26
MAXIMUM	-2.24	-2.37	-2.77	-3.06	-2.26	-2.38	-2.38	-3.00	-2.26
MINIMUM	0.26	-0.44	-0.25	-0.53	-0.92	0.48	-0.08	0.68	-1.77
RANGE(MAX-MIN)	-2.500	-1.930	-2.520	-2.530	-1.340	-2.860	-2.300	-3.680	-0.490
MEAN	-0.748	-1.310	-1.375	-1.415	-1.668	-0.950	-0.538	-1.483	-2.260
STANDARD DEVIATION	1.067	0.852	1.607	1.738	0.577	1.181	1.290	1.698	0.000

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Rater= Hayden, Matthew (rerate)

YI Values

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

PartID	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI	AVERAG	
P1-8-SEQ. VH PISTONS	-0.24	0.06	-0.16	0.73	0.26	-1.38	0.49	0.51		
Q1-8-SEQ. VH PISTONS	-2.24	-1.28	-1.58	0.83	0.31	-2.30	-2.12	-1.93		
R1-8-SEQ. VH PISTONS	-0.96	-1.21	-0.79	0.69	0.12	0.04	-1.16	-0.48		
S1-8-SEQ. VH PISTONS	-0.04	0.28	1.09	0.54	-1.55	-0.38	-0.11	-0.44		
VRCBVL-RC BFL VARN L										
VRCBVR-RC BFL VARN R										
MAXIMUM	-2.24	-1.28	-1.58	0.83	-1.55	-2.30	-2.12	-1.93		
MINIMUM	-0.04	0.06	-0.16	0.54	0.12	0.04	-0.11	-0.44		
RANGE(MAX-MIN)	-2.200	-1.340	-1.420	0.290	-1.670	-2.340	-2.010	-1.490		
MEAN	-0.870	-0.538	-0.360	0.698	-0.215	-1.005	-0.725	-0.585		
STANDARD DEVIATION	0.995	0.822	1.128	0.120	0.894	1.049	1.153	1.007		

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Rater= Hayden, Matthew

YI Values

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

PartID	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI	AVERAG	
P1-8-SEQ. VH PISTONS	-0.24	0.06	-0.16	0.73	0.26	-1.38	0.49	0.51		
Q1-8-SEQ. VH PISTONS	-2.24	-1.28	-1.58	0.83	0.31	-2.30	-2.12	-1.93		
R1-8-SEQ. VH PISTONS										
S1-8-SEQ. VH PISTONS	-0.04	0.28	1.09	0.54	-1.55	-0.38	-0.11	-0.44		
VRCBVL-RC BFL VARN L									-0.37	
VRCBVR-RC BFL VARN R									0.04	
MAXIMUM	-2.24	-1.28	-1.58	0.83	-1.55	-2.30	-2.12	-1.93	-0.37	
MINIMUM	-0.04	0.06	-0.16	0.54	0.26	-0.38	-0.11	-0.44	0.04	
RANGE(MAX-MIN)	-2.200	-1.340	-1.420	0.290	-1.810	-1.920	-2.010	-1.490	-0.410	
MEAN	-0.840	-0.313	-0.217	0.700	-0.327	-1.353	-0.580	-0.620	-0.370	
STANDARD DEVIATION	1.217	0.844	1.336	0.147	1.060	0.960	1.367	1.230	0.000	

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Rater= Kobrinetz, Joaquin J.

YI Values

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

PartID	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI	AVERAG	
P1-8-SEQ. VH PISTONS	-0.09	-0.54	-0.44	0.25	0.66	0.57	0.26	1.04		
Q1-8-SEQ. VH PISTONS	-1.16	-0.46	-0.66	0.03	0.48	-0.52	-1.12	-1.22		
R1-8-SEQ. VH PISTONS	0.59	0.13	0.03	0.62	0.30	0.17	-1.16	-0.29		
S1-8-SEQ. VH PISTONS	-1.04	-1.56	-0.05	-0.85	-1.35	-0.88	-0.69	-1.20		
VRCBVL-RC BFL VARN L									0.23	
VRCBVR-RC BFL VARN R									0.84	
MAXIMUM	-1.16	-1.56	-0.66	-0.85	-1.35	-0.88	-1.16	-1.22	0.84	
MINIMUM	-0.09	0.13	0.03	0.03	0.30	0.17	0.26	-0.29	0.23	
RANGE(MAX-MIN)	-1.070	-1.690	-0.690	-0.880	-1.650	-1.050	-1.420	-0.930	0.610	
MEAN	-0.425	-0.608	-0.280	0.013	0.023	-0.165	-0.678	-0.418	0.230	
STANDARD DEVIATION	0.829	0.702	0.326	0.624	0.927	0.656	0.660	1.064	0.000	

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Rater= Liang, Chen

YI Values

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

PartID	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI	AVERAG	
P1-8-SEQ. VH PISTONS										
Q1-8-SEQ. VH PISTONS	0.80	-0.25	-1.62	0.43	-0.14	0.31	0.16	0.68		
R1-8-SEQ. VH PISTONS	-0.57	1.41	-0.30	-1.93	-0.63	-1.67	0.50	-0.16		
S1-8-SEQ. VH PISTONS	-0.74	-1.28	-0.22	0.15	-0.95	-1.28	-0.39	-1.45		
VRCBVL-RC BFL VARN L									-2.57	
VRCBVR-RC BFL VARN R									-2.56	
MAXIMUM	0.80	1.41	-1.62	-1.93	-0.95	-1.67	0.50	-1.45	-2.57	
MINIMUM	-0.57	-0.25	-0.22	0.15	-0.14	0.31	0.16	-0.16	-2.56	
RANGE(MAX-MIN)	1.370	1.660	-1.400	-2.080	-0.810	-1.980	0.340	-1.290	-0.010	
MEAN	-0.170	-0.040	-0.713	-0.450	-0.573	-0.880	0.090	-0.310	-2.570	
STANDARD DEVIATION	0.844	1.357	0.786	1.289	0.408	1.049	0.449	1.073	0.000	

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Rater= Lonsway, Chris

YI Values

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

PartID	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI	AVERAG
P1-8-SEQ. VH PISTONS	-1.70	-0.59	-1.10	0.01	-0.44	-0.46	-1.64	-1.69	
Q1-8-SEQ. VH PISTONS	-0.52	-0.41	-0.22	-0.36	-0.08	0.10	0.16	-0.43	
R1-8-SEQ. VH PISTONS	-1.35	0.64	0.61	-0.52	-2.53	-1.36	0.93	-0.57	
S1-8-SEQ. VH PISTONS	0.36	-1.80	-2.01	-2.02	1.04	0.72	-1.25	1.15	
VRCBVL-RC BFL VARN L									-0.67
VRCBVR-RC BFL VARN R									-0.56
MAXIMUM	-1.70	-1.80	-2.01	-2.02	-2.53	-1.36	-1.64	-1.69	-0.67
MINIMUM	0.36	-0.41	-0.22	0.01	-0.08	0.10	0.16	-0.43	-0.56
RANGE(MAX-MIN)	-2.060	-1.390	-1.790	-2.030	-2.450	-1.460	-1.800	-1.260	-0.110
MEAN	-0.803	-0.540	-0.680	-0.723	-0.503	-0.250	-0.450	-0.385	-0.670
STANDARD DEVIATION	0.920	1.000	1.129	0.893	1.491	0.883	1.202	1.168	0.000

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Rater= Lopez, Frank

YI Values

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

PartID	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI	AVERAG	
P1-8-SEQ. VH PISTONS	0.54	0.36	0.77	0.64	-0.04	0.30	0.26	-0.14		
Q1-8-SEQ. VH PISTONS	0.80	0.06	0.58	-0.76	-0.59	0.56	0.43	1.00		
R1-8-SEQ. VH PISTONS	0.20	-0.25	0.69	0.28	0.48	0.68	-0.37	0.78		
S1-8-SEQ. VH PISTONS										
VRCBVL-RC BFL VARN L										-0.07
VRCBVR-RC BFL VARN R										-0.06
MAXIMUM	0.80	0.36	0.77	-0.76	-0.59	0.68	0.43	1.00		-0.07
MINIMUM	0.20	0.06	0.58	0.28	-0.04	0.30	0.26	-0.14		-0.06
RANGE(MAX-MIN)	0.600	0.300	0.190	-1.040	-0.550	0.380	0.170	1.140		-0.010
MEAN	0.513	0.057	0.680	0.053	-0.050	0.513	0.107	0.547		-0.070
STANDARD DEVIATION	0.301	0.305	0.100	0.727	0.535	0.194	0.421	0.605		0.000

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Rater= Price, Gregory

YI Values

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

PartID	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI	AVERAG	
P1-8-SEQ. VH PISTONS	1.17	0.26	0.49	1.60	1.76	1.49	1.30	1.26		
Q1-8-SEQ. VH PISTONS	-0.43	-1.38	-0.38	-0.84	-0.14	0.10	-0.52	-0.27		
R1-8-SEQ. VH PISTONS										
S1-8-SEQ. VH PISTONS	0.36	-1.18	0.38	0.28	0.64	0.72	-0.42	0.23		
VRCBVL-RC BFL VARN L										-0.27
VRCBVR-RC BFL VARN R										-0.76
MAXIMUM	1.17	-1.38	0.49	1.60	1.76	1.49	1.30	1.26		-0.76
MINIMUM	0.36	0.26	-0.38	0.28	-0.14	0.10	-0.42	0.23		-0.27
RANGE(MAX-MIN)	0.810	-1.640	0.870	1.320	1.900	1.390	1.720	1.030		-0.490
MEAN	0.367	-0.767	0.163	0.347	0.753	0.770	0.120	0.407		-0.760
STANDARD DEVIATION	0.800	0.895	0.474	1.221	0.955	0.696	1.023	0.780		0.000

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Rater= Rodriguez, Edward

YI Values

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

PartID	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI	AVERAG	
P1-8-SEQ. VH PISTONS	-0.24	-0.54	-0.16	1.50	-1.54	0.46	-0.49	-0.57		
Q1-8-SEQ. VH PISTONS	2.91	-2.41	-1.82	-7.50	-1.15	0.77	1.16	1.90		
R1-8-SEQ. VH PISTONS	0.01	-1.02	0.03	-0.85	-0.50	-0.78	-0.80	-1.60		
S1-8-SEQ. VH PISTONS										
VRCBVL-RC BFL VARN L										
VRCBVR-RC BFL VARN R										
MAXIMUM	2.91	-2.41	-1.82	-7.50	-1.54	-0.78	1.16	1.90		
MINIMUM	0.01	-0.54	0.03	-0.85	-0.50	0.46	-0.49	-0.57		
RANGE(MAX-MIN)	2.900	-1.870	-1.850	-6.650	-1.040	-1.240	1.650	2.470		
MEAN	0.893	-1.323	-0.650	-2.283	-1.063	0.150	-0.043	-0.090		
STANDARD DEVIATION	1.751	0.971	1.018	4.668	0.525	0.820	1.054	1.799		

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Rater= Rodriguez, Jesus (Jesse)

YI Values

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

PartID	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI	AVERAG	
P1-8-SEQ. VH PISTONS	0.49	0.41	0.17	0.35	0.56	1.21	0.72	0.88		
Q1-8-SEQ. VH PISTONS	0.95	-0.30	0.46	-1.00	-0.70	-0.35	-0.52	0.40		
R1-8-SEQ. VH PISTONS	-0.28	-1.84	-0.62	-0.52	0.61	-0.66	0.86	-1.55		
S1-8-SEQ. VH PISTONS										
VRCBVL-RC BFL VARN L									0.63	
VRCBVR-RC BFL VARN R									0.64	
MAXIMUM	0.95	-1.84	-0.62	-1.00	-0.70	1.21	0.86	-1.55	0.64	
MINIMUM	-0.28	-0.30	0.17	0.35	0.56	-0.35	-0.52	0.40	0.63	
RANGE(MAX-MIN)	1.230	-1.540	-0.790	-1.350	-1.260	1.560	1.380	-1.950	0.010	
MEAN	0.387	-0.577	0.003	-0.390	0.157	0.067	0.353	-0.090	0.630	
STANDARD DEVIATION	0.621	1.150	0.559	0.684	0.742	1.002	0.760	1.287	0.000	

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Rater= Sablad, Bertrand

YI Values

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

PartID	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI	AVERAG	
P1-8-SEQ. VH PISTONS	0.39	-0.34	-0.58	-0.23	-1.54	-0.84	-1.70	-1.80		
Q1-8-SEQ. VH PISTONS	-0.18	-0.87	1.51	0.03	-1.32	-0.60	-0.34	-1.50		
R1-8-SEQ. VH PISTONS	-0.77	0.52	0.20	-1.52	0.08	0.30	-1.59	-0.67		
S1-8-SEQ. VH PISTONS										
VRCBVL-RC BFL VARN L										
VRCBVR-RC BFL VARN R										
MAXIMUM	-0.77	-0.87	1.51	-1.52	-1.54	-0.84	-1.70	-1.80		
MINIMUM	-0.18	-0.34	0.20	0.03	0.08	0.30	-0.34	-0.67		
RANGE(MAX-MIN)	-0.590	-0.530	1.310	-1.550	-1.620	-1.140	-1.360	-1.130		
MEAN	-0.187	-0.230	0.377	-0.573	-0.927	-0.380	-1.210	-1.323		
STANDARD DEVIATION	0.580	0.701	1.056	0.830	0.879	0.601	0.755	0.585		

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Rater= Sanchez, Arthur

YI Values

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

PartID	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI	AVERAG	
P1-8-SEQ. VH PISTONS	0.54	-0.34	0.54	-0.85	-0.34	-0.73	-0.37	-0.62		
Q1-8-SEQ. VH PISTONS	0.56	-0.05	0.87	0.27	0.99	0.52	0.39	-0.19		
R1-8-SEQ. VH PISTONS										
S1-8-SEQ. VH PISTONS	-1.14	-0.14	-0.93	0.67	-0.65	-0.58	-0.23	-0.19		
VRCBVL-RC BFL VARN L									-0.57	
VRCBVR-RC BFL VARN R									-0.56	
MAXIMUM	-1.14	-0.34	-0.93	-0.85	0.99	-0.73	0.39	-0.62	-0.57	
MINIMUM	0.54	-0.05	0.54	0.27	-0.34	0.52	-0.23	-0.19	-0.56	
RANGE(MAX-MIN)	-1.680	-0.290	-1.470	-1.120	1.330	-1.250	0.620	-0.430	-0.010	
MEAN	-0.013	-0.177	0.160	0.030	0.000	-0.263	-0.070	-0.333	-0.570	
STANDARD DEVIATION	0.976	0.148	0.958	0.788	0.871	0.683	0.404	0.248	0.000	

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Rater= Seiz, Ray

YI Values

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

PartID	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI	AVERAG
P1-8-SEQ. VH PISTONS	0.05	-0.59	-1.05	0.44	-1.14	-1.49	-0.78	-0.51	
Q1-8-SEQ. VH PISTONS									
R1-8-SEQ. VH PISTONS	1.85	3.00	2.18	-0.79	1.45	-0.21	3.88	2.31	
S1-8-SEQ. VH PISTONS	-0.14	0.14	-0.48	-1.27	-1.85	-1.08	-0.80	-0.44	
VRCBVL-RC BFL VARN L									-3.17
VRCBVR-RC BFL VARN R									-3.16
MAXIMUM	1.85	3.00	2.18	-1.27	-1.85	-1.49	3.88	2.31	-3.17
MINIMUM	0.05	0.14	-0.48	0.44	-1.14	-0.21	-0.78	-0.44	-3.16
RANGE(MAX-MIN)	1.800	2.860	2.660	-1.710	-0.710	-1.280	4.660	2.750	-0.010
MEAN	0.587	0.850	0.217	-0.540	-0.513	-0.927	0.767	0.453	-3.170
STANDARD DEVIATION	1.098	1.897	1.724	0.882	1.737	0.654	2.696	1.608	0.000

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Rater= Terrado, Ken

Yi Values

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

PartID	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI	AVERAG	
P1-8-SEQ. VH PISTONS										
Q1-8-SEQ. VH PISTONS										
R1-8-SEQ. VH PISTONS										
S1-8-SEQ. VH PISTONS										
VRCBVL-RC BFL VARN L										
VRCBVR-RC BFL VARN R										
MAXIMUM										
MINIMUM										
RANGE(MAX-MIN)										
MEAN										
STANDARD DEVIATION										

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Rater= Trevino, Robert

YI Values

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

PartID	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI	AVERAG	
P1-8-SEQ. VH PISTONS	0.88	0.86	0.49	0.64	0.46	1.38	0.72	0.72		
Q1-8-SEQ. VH PISTONS	0.95	-0.25	0.38	-0.76	-0.76	-0.10	-0.39	0.24		
R1-8-SEQ. VH PISTONS	0.11	-0.25	0.20	-0.18	0.87	1.25	0.07	0.82		
S1-8-SEQ. VH PISTONS										
VRCBVL-RC BFL VARN L									0.03	
VRCBVR-RC BFL VARN R									-0.06	
MAXIMUM	0.95	0.86	0.49	-0.76	0.87	1.38	0.72	0.82	-0.06	
MINIMUM	0.11	-0.25	0.20	-0.18	0.46	-0.10	0.07	0.24	0.03	
RANGE(MAX-MIN)	0.840	1.110	0.290	-0.580	0.410	1.480	0.650	0.580	-0.090	
MEAN	0.647	0.120	0.357	-0.100	0.190	0.843	0.133	0.593	-0.060	
STANDARD DEVIATION	0.466	0.641	0.146	0.703	0.848	0.820	0.558	0.310	0.000	

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Rater= Ueta, Yuki

YI Values

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

PartID	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI	AVERAG	
P1-8-SEQ. VH PISTONS										
Q1-8-SEQ. VH PISTONS										
R1-8-SEQ. VH PISTONS										
S1-8-SEQ. VH PISTONS										
VRCBVL-RC BFL VARN L										
VRCBVR-RC BFL VARN R										
MAXIMUM										
MINIMUM										
RANGE(MAX-MIN)										
MEAN										
STANDARD DEVIATION										

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Rater= Veiga, Victor

YI Values

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

PartID	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI	AVERAG	
P1-8-SEQ. VH PISTONS										
Q1-8-SEQ. VH PISTONS										
R1-8-SEQ. VH PISTONS										
S1-8-SEQ. VH PISTONS										
VRCBVL-RC BFL VARN L									1.43	
VRCBVR-RC BFL VARN R									1.44	
MAXIMUM									1.44	
MINIMUM									1.43	
RANGE(MAX-MIN)									0.010	
MEAN									1.430	
STANDARD DEVIATION									0.000	

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Rater= YaBin, Liu

YI Values

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

PartID	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI	AVERAG
P1-8-SEQ. VH PISTONS									
Q1-8-SEQ. VH PISTONS	4.97	-5.18	1.23	-4.96	-1.88	-2.38	-1.80	-2.48	
R1-8-SEQ. VH PISTONS	-3.78	0.45	-6.47	-1.26	4.85	-3.14	-3.03	-3.93	
S1-8-SEQ. VH PISTONS	-0.14	-3.55	-1.07	-1.56	-0.55	-0.78	-1.30	-0.78	
VRCBVL-RC BFL VARN L									-1.57
VRCBVR-RC BFL VARN R									-0.56
MAXIMUM	4.97	-5.18	-6.47	-4.96	4.85	-3.14	-3.03	-3.93	-1.57
MINIMUM	-0.14	0.45	-1.07	-1.26	-0.55	-0.78	-1.30	-0.78	-0.56
RANGE(MAX-MIN)	5.110	-5.630	-5.400	-3.700	5.400	-2.360	-1.730	-3.150	-1.010
MEAN	0.350	-2.760	-2.103	-2.593	0.807	-2.100	-2.043	-2.397	-1.570
STANDARD DEVIATION	4.396	2.897	3.953	2.055	3.564	1.205	0.890	1.577	0.000

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Rater= Zalewski, John

YI Values

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

PartID	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI	AVERAG	
P1-8-SEQ. VH PISTONS	0.30	0.36	0.21	0.83	-0.04	-0.84	-1.36	-1.26		
Q1-8-SEQ. VH PISTONS	-0.52	0.47	-1.86	-0.60	-0.14	-1.10	-0.07	-1.06		
R1-8-SEQ. VH PISTONS	3.12	-0.50	-0.38	-0.45	-2.49	-2.88	-2.09	-0.34		
S1-8-SEQ. VH PISTONS										
VRCBVL-RC BFL VARN L									0.43	
VRCBVR-RC BFL VARN R									0.44	
MAXIMUM	3.12	-0.50	-1.86	0.83	-2.49	-2.88	-2.09	-1.26	0.44	
MINIMUM	0.30	0.36	0.21	-0.45	-0.04	-0.84	-0.07	-0.34	0.43	
RANGE(MAX-MIN)	2.820	-0.860	-2.070	1.280	-2.450	-2.040	-2.020	-0.920	0.010	
MEAN	0.967	0.110	-0.677	-0.073	-0.890	-1.607	-1.173	-0.887	0.430	
STANDARD DEVIATION	1.909	0.531	1.066	0.786	1.387	1.110	1.023	0.484	0.000	

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Rater= Aguirre, Nancy P

YI Values

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

PartID	TOTALS	
VOP-OIL PAN SLUDGE	0.18	
VOPB-OIL PAN BFL SLUDGE	-0.38	
VRCL-RC BFL SLUDGE L	-0.19	
VRCL-RC BFL SLUDGE R	0.12	
VRCL-RC SLUDGE L	0.07	
VRCL-RC SLUDGE R	0.75	
VTCC-TC CVR SLUDGE	0.62	
VVDL-VALVE DECK SLUDGE L	1.05	
VVDR-VALVE DECK SLUDGE R	0.65	
MAXIMUM	1.05	
MINIMUM	0.07	
RANGE(MAX-MIN)	0.980	
MEAN	0.319	
STANDARD DEVIATION	0.473	

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Rater= Arrizon, Richard

YI Values

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

PartID	TOTALS	
VOP-OIL PAN SLUDGE		
VOPB-OIL PAN BFL SLUDGE		
VRCBL-RC BFL SLUDGE L		
VRCBR-RC BFL SLUDGE R		
VRCL-RC SLUDGE L		
VRCL-RC SLUDGE R		
VTCC-TC CVR SLUDGE		
VVDL-VALVE DECK SLUDGE L		
VVDR-VALVE DECK SLUDGE R		
MAXIMUM		
MINIMUM		
RANGE(MAX-MIN)		
MEAN		
STANDARD DEVIATION		

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Rater= Barrera, Tony

YI Values

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

PartID	TOTALS	
VOP-OIL PAN SLUDGE	0.18	
VOPB-OIL PAN BFL SLUDGE	-0.38	
VRCL-RC BFL SLUDGE L	-0.19	
VRCL-RC BFL SLUDGE R	0.12	
VRCL-RC SLUDGE L	0.27	
VRCL-RC SLUDGE R	1.14	
VTCC-TC CVR SLUDGE	0.32	
VVDL-VALVE DECK SLUDGE L	0.85	
VVDL-VALVE DECK SLUDGE R	0.65	
MAXIMUM	1.14	
MINIMUM	0.12	
RANGE(MAX-MIN)	1.020	
MEAN	0.329	
STANDARD DEVIATION	0.484	

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Rater= Bolaney, Jonathan

YI Values

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

PartID	TOTALS	
VOP-OIL PAN SLUDGE	-0.52	
VOPB-OIL PAN BFL SLUDGE	0.62	
VRCBL-RC BFL SLUDGE L	-0.59	
VRCBR-RC BFL SLUDGE R	-0.58	
VRCL-RC SLUDGE L	-1.03	
VRCL-RC SLUDGE R	-1.09	
VTCC-TC CVR SLUDGE	-0.68	
VVDL-VALVE DECK SLUDGE L	-2.05	
VVDR-VALVE DECK SLUDGE R	-1.03	
MAXIMUM	-2.05	
MINIMUM	-0.52	
RANGE(MAX-MIN)	-1.530	
MEAN	-0.772	
STANDARD DEVIATION	0.702	

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Rater= Brawley, Greg

YI Values

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

PartID	TOTALS	
VOP-OIL PAN SLUDGE		
VOPB-OIL PAN BFL SLUDGE		
VRCBL-RC BFL SLUDGE L		
VRCBR-RC BFL SLUDGE R		
VRCL-RC SLUDGE L		
VRCL-RC SLUDGE R		
VTCC-TC CVR SLUDGE		
VVDL-VALVE DECK SLUDGE L		
VVDR-VALVE DECK SLUDGE R		
MAXIMUM		
MINIMUM		
RANGE(MAX-MIN)		
MEAN		
STANDARD DEVIATION		

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Rater= Broff, Andy

YI Values

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

PartID	TOTALS	
VOP-OIL PAN SLUDGE	1.98	
VOPB-OIL PAN BFL SLUDGE	2.72	
VRCL-RC BFL SLUDGE L	1.71	
VRCL-RC BFL SLUDGE R	1.22	
VRCL-RC SLUDGE L	1.47	
VRCL-RC SLUDGE R	1.72	
VTCC-TC CVR SLUDGE	1.52	
VVDL-VALVE DECK SLUDGE L	1.15	
VVDL-VALVE DECK SLUDGE R	1.04	
MAXIMUM	2.72	
MINIMUM	1.04	
RANGE(MAX-MIN)	1.680	
MEAN	1.614	
STANDARD DEVIATION	0.513	

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Rater= Cales, Jonathon

YI Values

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

PartID	TOTALS	
VOP-OIL PAN SLUDGE	-0.82	
VOPB-OIL PAN BFL SLUDGE	-1.08	
VRCL-RC BFL SLUDGE L	-0.29	
VRCL-RC BFL SLUDGE R	-0.28	
VRCL-RC SLUDGE L	-0.03	
VRCL-RC SLUDGE R	-0.12	
VTCC-TC CVR SLUDGE	-0.98	
VVDL-VALVE DECK SLUDGE L	0.15	
VVDL-VALVE DECK SLUDGE R	-0.63	
MAXIMUM	-1.08	
MINIMUM	-0.03	
RANGE(MAX-MIN)	-1.050	
MEAN	-0.453	
STANDARD DEVIATION	0.440	

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Rater= Caproni, David

YI Values

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

PartID	TOTALS	
VOP-OIL PAN SLUDGE	-0.92	
VOPB-OIL PAN BFL SLUDGE	-1.08	
VRCL-RC BFL SLUDGE L	0.01	
VRCL-RC BFL SLUDGE R	-0.28	
VRCL-RC SLUDGE L	0.77	
VRCL-RC SLUDGE R	-1.09	
VTCC-TC CVR SLUDGE	-0.68	
VVDL-VALVE DECK SLUDGE L	0.25	
VVDL-VALVE DECK SLUDGE R	1.04	
MAXIMUM	-1.09	
MINIMUM	0.01	
RANGE(MAX-MIN)	-1.100	
MEAN	-0.220	
STANDARD DEVIATION	0.794	

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Rater= Castillo, George

YI Values

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

PartID	TOTALS	
VOP-OIL PAN SLUDGE	0.08	
VOPB-OIL PAN BFL SLUDGE	-0.88	
VRCL-RC BFL SLUDGE L	0.21	
VRCL-RC BFL SLUDGE R	1.02	
VRCL-RC SLUDGE L	-0.43	
VRCL-RC SLUDGE R	0.17	
VTCC-TC CVR SLUDGE	-0.48	
VVDL-VALVE DECK SLUDGE L	-0.45	
VVDL-VALVE DECK SLUDGE R	-0.44	
MAXIMUM	1.02	
MINIMUM	0.08	
RANGE(MAX-MIN)	0.940	
MEAN	-0.133	
STANDARD DEVIATION	0.564	

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Rater= Cumberworth, Lee

YI Values

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

PartID	TOTALS	
VOP-OIL PAN SLUDGE	0.78	
VOPB-OIL PAN BFL SLUDGE	-0.28	
VRCBL-RC BFL SLUDGE L	-0.29	
VRCBR-RC BFL SLUDGE R	-0.28	
VRCL-RC SLUDGE L	1.57	
VRCL-RC SLUDGE R	1.82	
VTCC-TC CVR SLUDGE	1.22	
VVDL-VALVE DECK SLUDGE L	1.75	
VVDR-VALVE DECK SLUDGE R	2.03	
MAXIMUM	2.03	
MINIMUM	-0.28	
RANGE(MAX-MIN)	2.310	
MEAN	0.924	
STANDARD DEVIATION	0.975	

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Rater= Dalvand, Izadyar

YI Values

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

PartID	TOTALS	
VOP-OIL PAN SLUDGE		
VOPB-OIL PAN BFL SLUDGE		
VRCL-RC BFL SLUDGE L		
VRCL-RC BFL SLUDGE R		
VRCL-RC SLUDGE L		
VRCL-RC SLUDGE R		
VTCC-TC CVR SLUDGE		
VVDL-VALVE DECK SLUDGE L		
VVDL-VALVE DECK SLUDGE R		
MAXIMUM		
MINIMUM		
RANGE(MAX-MIN)		
MEAN		
STANDARD DEVIATION		

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Rater= De Armas, Raymond

YI Values

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

PartID	TOTALS	
VOP-OIL PAN SLUDGE	0.28	
VOPB-OIL PAN BFL SLUDGE	-0.28	
VRCL-RC BFL SLUDGE L	-0.29	
VRCL-RC BFL SLUDGE R	1.02	
VRCL-RC SLUDGE L	0.97	
VRCL-RC SLUDGE R	-1.19	
VTCC-TC CVR SLUDGE	1.02	
VVDL-VALVE DECK SLUDGE L	-0.15	
VVDR-VALVE DECK SLUDGE R	0.84	
MAXIMUM	-1.19	
MINIMUM	-0.15	
RANGE(MAX-MIN)	-1.040	
MEAN	0.247	
STANDARD DEVIATION	0.779	

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Rater= DeCapite, Vanessa

YI Values

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

PartID	TOTALS	
VOP-OIL PAN SLUDGE	0.28	
VOPB-OIL PAN BFL SLUDGE	0.42	
VRCBL-RC BFL SLUDGE L	-0.29	
VRCBR-RC BFL SLUDGE R	-0.28	
VRCL-RC SLUDGE L	0.67	
VRCL-RC SLUDGE R	0.07	
VTCC-TC CVR SLUDGE	0.02	
VVDL-VALVE DECK SLUDGE L	-1.15	
VVDR-VALVE DECK SLUDGE R	-0.44	
MAXIMUM	-1.15	
MINIMUM	0.02	
RANGE(MAX-MIN)	-1.170	
MEAN	-0.078	
STANDARD DEVIATION	0.540	

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Rater= Dominguez, Lucio

YI Values

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

PartID	TOTALS	
VOP-OIL PAN SLUDGE	-0.22	
VOPB-OIL PAN BFL SLUDGE	-0.88	
VRCL-RC BFL SLUDGE L	-0.29	
VRCL-RC BFL SLUDGE R	-0.28	
VRCL-RC SLUDGE L	-1.23	
VRCL-RC SLUDGE R	-0.51	
VTCC-TC CVR SLUDGE	-0.08	
VVDL-VALVE DECK SLUDGE L	-1.05	
VVDL-VALVE DECK SLUDGE R	-1.81	
MAXIMUM	-1.81	
MINIMUM	-0.08	
RANGE(MAX-MIN)	-1.730	
MEAN	-0.706	
STANDARD DEVIATION	0.577	

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Rater= Foecking, Brian

YI Values

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

PartID	TOTALS	
VOP-OIL PAN SLUDGE	-0.32	
VOPB-OIL PAN BFL SLUDGE	0.42	
VRCBL-RC BFL SLUDGE L	-0.29	
VRCBR-RC BFL SLUDGE R	-0.28	
VRCL-RC SLUDGE L	-0.43	
VRCL-RC SLUDGE R	-0.02	
VTCC-TC CVR SLUDGE	-0.08	
VVDL-VALVE DECK SLUDGE L	-0.45	
VVDR-VALVE DECK SLUDGE R	-0.24	
MAXIMUM	-0.45	
MINIMUM	-0.02	
RANGE(MAX-MIN)	-0.430	
MEAN	-0.188	
STANDARD DEVIATION	0.268	

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Rater= Guarda, Waldyr

YI Values

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

PartID	TOTALS	
VOP-OIL PAN SLUDGE	-0.42	
VOPB-OIL PAN BFL SLUDGE	-0.98	
VRCL-RC BFL SLUDGE L	0.31	
VRCL-RC BFL SLUDGE R	-0.78	
VRCL-RC SLUDGE L	-0.83	
VRCL-RC SLUDGE R	-0.31	
VTCC-TC CVR SLUDGE	0.92	
VVDL-VALVE DECK SLUDGE L	1.75	
VVDR-VALVE DECK SLUDGE R	0.35	
MAXIMUM	1.75	
MINIMUM	0.31	
RANGE(MAX-MIN)	1.440	
MEAN	0.001	
STANDARD DEVIATION	0.912	

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Rater= Hayden, Matthew (rerate)

YI Values

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

PartID	TOTALS	
VOP-OIL PAN SLUDGE		
VOPB-OIL PAN BFL SLUDGE		
VRCBL-RC BFL SLUDGE L		
VRCBR-RC BFL SLUDGE R		
VRCL-RC SLUDGE L		
VRCL-RC SLUDGE R		
VTCC-TC CVR SLUDGE		
VVDL-VALVE DECK SLUDGE L		
VVDR-VALVE DECK SLUDGE R		
MAXIMUM		
MINIMUM		
RANGE(MAX-MIN)		
MEAN		
STANDARD DEVIATION		

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Rater= Hayden, Matthew

YI Values

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

PartID	TOTALS	
VOP-OIL PAN SLUDGE	0.08	
VOPB-OIL PAN BFL SLUDGE	0.82	
VRCL-RC BFL SLUDGE L	-0.29	
VRCL-RC BFL SLUDGE R	-0.48	
VRCL-RC SLUDGE L	-0.63	
VRCL-RC SLUDGE R	-1.19	
VTCC-TC CVR SLUDGE	-0.48	
VVDL-VALVE DECK SLUDGE L	-1.35	
VVDL-VALVE DECK SLUDGE R	-1.62	
MAXIMUM	-1.62	
MINIMUM	0.08	
RANGE(MAX-MIN)	-1.700	
MEAN	-0.571	
STANDARD DEVIATION	0.754	

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Rater= Kobrinetz, Joaquin J.

YI Values

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

PartID	TOTALS	
VOP-OIL PAN SLUDGE	-0.32	
VOPB-OIL PAN BFL SLUDGE	1.22	
VRCL-RC BFL SLUDGE L	0.21	
VRCL-RC BFL SLUDGE R	1.22	
VRCL-RC SLUDGE L	-0.23	
VRCL-RC SLUDGE R	0.56	
VTCC-TC CVR SLUDGE	0.72	
VVDL-VALVE DECK SLUDGE L	0.25	
VVDL-VALVE DECK SLUDGE R	0.25	
MAXIMUM	1.22	
MINIMUM	0.21	
RANGE(MAX-MIN)	1.010	
MEAN	0.431	
STANDARD DEVIATION	0.555	

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Rater= Liang, Chen

YI Values

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

PartID	TOTALS	
VOP-OIL PAN SLUDGE	-0.72	
VOPB-OIL PAN BFL SLUDGE	-0.98	
VRCL-RC BFL SLUDGE L	-0.29	
VRCL-RC BFL SLUDGE R	-0.48	
VRCL-RC SLUDGE L	0.67	
VRCL-RC SLUDGE R	0.95	
VTCC-TC CVR SLUDGE	-0.28	
VVDL-VALVE DECK SLUDGE L	0.35	
VVDL-VALVE DECK SLUDGE R	-0.34	
MAXIMUM	-0.98	
MINIMUM	-0.28	
RANGE(MAX-MIN)	-0.700	
MEAN	-0.124	
STANDARD DEVIATION	0.644	

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Rater= Lonsway, Chris

YI Values

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

PartID	TOTALS	
VOP-OIL PAN SLUDGE	0.08	
VOPB-OIL PAN BFL SLUDGE	0.22	
VRCL-RC BFL SLUDGE L	-0.29	
VRCL-RC BFL SLUDGE R	-0.28	
VRCL-RC SLUDGE L	0.27	
VRCL-RC SLUDGE R	0.46	
VTCC-TC CVR SLUDGE	-1.48	
VVDL-VALVE DECK SLUDGE L	-1.25	
VVDL-VALVE DECK SLUDGE R	-0.73	
MAXIMUM	-1.48	
MINIMUM	0.08	
RANGE(MAX-MIN)	-1.560	
MEAN	-0.333	
STANDARD DEVIATION	0.688	

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Rater= Lopez, Frank

YI Values

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

PartID	TOTALS	
VOP-OIL PAN SLUDGE	-1.02	
VOPB-OIL PAN BFL SLUDGE	-0.18	
VRCL-RC BFL SLUDGE L	-0.29	
VRCL-RC BFL SLUDGE R	0.12	
VRCL-RC SLUDGE L	0.17	
VRCL-RC SLUDGE R	-1.48	
VTCC-TC CVR SLUDGE	-1.18	
VVDL-VALVE DECK SLUDGE L	-0.25	
VVDR-VALVE DECK SLUDGE R	0.45	
MAXIMUM	-1.48	
MINIMUM	0.12	
RANGE(MAX-MIN)	-1.600	
MEAN	-0.407	
STANDARD DEVIATION	0.667	

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Rater= Price, Gregory

YI Values

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

PartID	TOTALS	
VOP-OIL PAN SLUDGE	0.28	
VOPB-OIL PAN BFL SLUDGE	0.22	
VRCBL-RC BFL SLUDGE L	-0.49	
VRCBR-RC BFL SLUDGE R	-0.78	
VRCL-RC SLUDGE L	-0.03	
VRCL-RC SLUDGE R	0.66	
VTCC-TC CVR SLUDGE	0.32	
VVDL-VALVE DECK SLUDGE L	-0.05	
VVDR-VALVE DECK SLUDGE R	-0.14	
MAXIMUM	-0.78	
MINIMUM	-0.03	
RANGE(MAX-MIN)	-0.750	
MEAN	-0.001	
STANDARD DEVIATION	0.438	

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Rater= Rodriguez, Edward

YI Values

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

PartID	TOTALS	
VOP-OIL PAN SLUDGE		
VOPB-OIL PAN BFL SLUDGE		
VRCBL-RC BFL SLUDGE L		
VRCBR-RC BFL SLUDGE R		
VRCL-RC SLUDGE L		
VRCL-RC SLUDGE R		
VTCC-TC CVR SLUDGE		
VVDL-VALVE DECK SLUDGE L		
VVDR-VALVE DECK SLUDGE R		
MAXIMUM		
MINIMUM		
RANGE(MAX-MIN)		
MEAN		
STANDARD DEVIATION		

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Rater= Rodriguez, Jesus (Jesse)

YI Values

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

PartID	TOTALS	
VOP-OIL PAN SLUDGE	-0.42	
VOPB-OIL PAN BFL SLUDGE	0.32	
VRCBL-RC BFL SLUDGE L	0.91	
VRCBR-RC BFL SLUDGE R	0.92	
VRCL-RC SLUDGE L	-1.33	
VRCL-RC SLUDGE R	-0.99	
VTCC-TC CVR SLUDGE	0.62	
VVDL-VALVE DECK SLUDGE L	0.05	
VVDR-VALVE DECK SLUDGE R	-0.14	
MAXIMUM	-1.33	
MINIMUM	0.05	
RANGE(MAX-MIN)	-1.380	
MEAN	-0.007	
STANDARD DEVIATION	0.799	

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Rater= Sablad, Bertrand

YI Values

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

PartID	TOTALS	
VOP-OIL PAN SLUDGE		
VOPB-OIL PAN BFL SLUDGE		
VRCL-RC BFL SLUDGE L		
VRCL-RC BFL SLUDGE R		
VRCL-RC SLUDGE L		
VRCL-RC SLUDGE R		
VTCC-TC CVR SLUDGE		
VVDL-VALVE DECK SLUDGE L		
VVDL-VALVE DECK SLUDGE R		
MAXIMUM		
MINIMUM		
RANGE(MAX-MIN)		
MEAN		
STANDARD DEVIATION		

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Rater= Sanchez, Arthur

YI Values

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

PartID	TOTALS	
VOP-OIL PAN SLUDGE	-0.52	
VOPB-OIL PAN BFL SLUDGE	0.52	
VRCL-RC BFL SLUDGE L	0.41	
VRCL-RC BFL SLUDGE R	1.22	
VRCL-RC SLUDGE L	-0.23	
VRCL-RC SLUDGE R	1.24	
VTCC-TC CVR SLUDGE	0.42	
VVDL-VALVE DECK SLUDGE L	0.05	
VVDL-VALVE DECK SLUDGE R	-0.63	
MAXIMUM	1.24	
MINIMUM	0.05	
RANGE(MAX-MIN)	1.190	
MEAN	0.276	
STANDARD DEVIATION	0.678	

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Rater= Seiz, Ray

YI Values

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

PartID	TOTALS	
VOP-OIL PAN SLUDGE	0.18	
VOPB-OIL PAN BFL SLUDGE	-0.78	
VRCL-RC BFL SLUDGE L	-0.99	
VRCL-RC BFL SLUDGE R	-1.78	
VRCL-RC SLUDGE L	-1.03	
VRCL-RC SLUDGE R	-0.90	
VTCC-TC CVR SLUDGE	0.12	
VVDL-VALVE DECK SLUDGE L	1.15	
VVDR-VALVE DECK SLUDGE R	2.32	
MAXIMUM	2.32	
MINIMUM	0.12	
RANGE(MAX-MIN)	2.200	
MEAN	-0.190	
STANDARD DEVIATION	1.277	

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Rater= Terrado, Ken

YI Values

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

PartID	TOTALS	
VOP-OIL PAN SLUDGE		
VOPB-OIL PAN BFL SLUDGE		
VRCBL-RC BFL SLUDGE L		
VRCBR-RC BFL SLUDGE R		
VRCL-RC SLUDGE L		
VRCL-RC SLUDGE R		
VTCC-TC CVR SLUDGE		
VVDL-VALVE DECK SLUDGE L		
VVDR-VALVE DECK SLUDGE R		
MAXIMUM		
MINIMUM		
RANGE(MAX-MIN)		
MEAN		
STANDARD DEVIATION		

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Rater= Trevino, Robert

YI Values

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

PartID	TOTALS	
VOP-OIL PAN SLUDGE	0.18	
VOPB-OIL PAN BFL SLUDGE	0.02	
VRCBL-RC BFL SLUDGE L	-0.29	
VRCBR-RC BFL SLUDGE R	0.02	
VRCL-RC SLUDGE L	0.07	
VRCL-RC SLUDGE R	-0.02	
VTCC-TC CVR SLUDGE	-0.08	
VVDL-VALVE DECK SLUDGE L	-0.35	
VVDR-VALVE DECK SLUDGE R	-0.53	
MAXIMUM	-0.53	
MINIMUM	0.02	
RANGE(MAX-MIN)	-0.550	
MEAN	-0.109	
STANDARD DEVIATION	0.231	

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Rater= Ueta, Yuki

YI Values

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

PartID	TOTALS	
VOP-OIL PAN SLUDGE		
VOPB-OIL PAN BFL SLUDGE		
VRCBL-RC BFL SLUDGE L		
VRCBR-RC BFL SLUDGE R		
VRCL-RC SLUDGE L		
VRCL-RC SLUDGE R		
VTCC-TC CVR SLUDGE		
VVDL-VALVE DECK SLUDGE L		
VVDR-VALVE DECK SLUDGE R		
MAXIMUM		
MINIMUM		
RANGE(MAX-MIN)		
MEAN		
STANDARD DEVIATION		

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Rater= Veiga, Victor

YI Values

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

PartID	TOTALS	
VOP-OIL PAN SLUDGE	1.08	
VOPB-OIL PAN BFL SLUDGE	0.52	
VRCL-RC BFL SLUDGE L	0.21	
VRCL-RC BFL SLUDGE R	-0.28	
VRCL-RC SLUDGE L	-0.03	
VRCL-RC SLUDGE R	-1.48	
VTCC-TC CVR SLUDGE	-0.48	
VVDL-VALVE DECK SLUDGE L	0.35	
VVDR-VALVE DECK SLUDGE R	0.75	
MAXIMUM	-1.48	
MINIMUM	-0.03	
RANGE(MAX-MIN)	-1.450	
MEAN	0.071	
STANDARD DEVIATION	0.760	

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Rater= YaBin, Liu

YI Values

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

PartID	TOTALS	
VOP-OIL PAN SLUDGE	-0.02	
VOPB-OIL PAN BFL SLUDGE	-0.08	
VRCL-RC BFL SLUDGE L	1.91	
VRCL-RC BFL SLUDGE R	-0.08	
VRCL-RC SLUDGE L	0.67	
VRCL-RC SLUDGE R	5.21	
VTCC-TC CVR SLUDGE	-0.38	
VVDL-VALVE DECK SLUDGE L	0.15	
VVDL-VALVE DECK SLUDGE R	-0.44	
MAXIMUM	5.21	
MINIMUM	-0.02	
RANGE(MAX-MIN)	5.230	
MEAN	0.771	
STANDARD DEVIATION	1.812	

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Rater= Zalewski, John

YI Values

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

PartID	TOTALS	
VOP-OIL PAN SLUDGE	0.68	
VOPB-OIL PAN BFL SLUDGE	0.22	
VRCBL-RC BFL SLUDGE L	-0.29	
VRCBR-RC BFL SLUDGE R	0.12	
VRCL-RC SLUDGE L	-0.23	
VRCL-RC SLUDGE R	0.85	
VTCC-TC CVR SLUDGE	-0.38	
VVDL-VALVE DECK SLUDGE L	-0.85	
VVDR-VALVE DECK SLUDGE R	-1.22	
MAXIMUM	-1.22	
MINIMUM	0.12	
RANGE(MAX-MIN)	-1.340	
MEAN	-0.122	
STANDARD DEVIATION	0.671	

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Light Duty Piston Deposits

Rater	Parts Rated	-1<yi<=1	-2<yi<=2	-3<yi<=3	>3	Yi STD	Group	Group Color
Aguirre, Nancy P	12	81.0%	98.8%	100.0%	0.0%	0.64	RED	
Barrera, Tony	12	70.2%	95.2%	100.0%	0.0%	0.84	WHITE	
Cales, Jonathon	12	82.1%	98.8%	100.0%	0.0%	0.73	RED	
Caproni, David	12	70.2%	95.2%	98.8%	1.2%	0.89	WHITE	
Castillo, George	18	69.1%	100.0%	100.0%	0.0%	0.69	WHITE	
DeCapite, Vanessa	12	86.9%	100.0%	100.0%	0.0%	0.70	BLUE	
Dominguez, Lucio	12	69.1%	97.6%	100.0%	0.0%	0.78	WHITE	
Foecking, Brian	12	79.8%	98.8%	100.0%	0.0%	0.73	WHITE	
Hayden, Matthew	12	70.2%	92.9%	100.0%	0.0%	0.95	WHITE	
Kobrinetz, Joaquin J.	18	87.3%	98.4%	100.0%	0.0%	0.69	BLUE	
Lonsway, Chris	12	82.1%	97.6%	100.0%	0.0%	0.72	RED	
Lopez, Frank	12	69.1%	97.6%	100.0%	0.0%	0.90	WHITE	
Rodriguez, Jesus (Jesse)	12	77.4%	100.0%	100.0%	0.0%	0.66	WHITE	
Sanchez, Arthur	12	79.8%	98.8%	100.0%	0.0%	0.77	WHITE	
Trevino, Robert	12	77.4%	100.0%	100.0%	0.0%	0.69	WHITE	
Arrizon, Richard	6	92.9%	100.0%	100.0%	0.0%	0.54	BLUE	
Bolaney, Jonathan	10	72.9%	92.9%	98.6%	1.4%	0.90	WHITE	
Brawley, Greg	12	69.1%	84.5%	94.1%	6.0%	1.40	YELLOW	
Broff, Andy	12	56.0%	84.5%	91.7%	8.3%	2.50	YELLOW	
Cumberworth, Lee	10	72.9%	94.3%	100.0%	0.0%	0.92	WHITE	
De Armas, Raymond	12	47.6%	77.4%	88.1%	11.9%	2.24	YELLOW	
Guarda, Waldyr	12	60.7%	88.1%	96.4%	3.6%	1.29	YELLOW	
Liang, Chen	12	61.9%	97.6%	98.8%	1.2%	1.12	WHITE	
Price, Gregory	8	75.0%	98.2%	100.0%	0.0%	0.86	WHITE	
Rodriguez, Edward	6	64.3%	97.6%	100.0%	0.0%	0.71	WHITE	
Sablad, Bertrand	7	28.6%	53.1%	69.4%	30.6%	4.50	YELLOW	
Seiz, Ray	12	65.5%	97.6%	98.8%	1.2%	1.05	WHITE	
Terrado, Ken	7	83.7%	100.0%	100.0%	0.0%	0.72	RED	
Ueta, Yuki	6	71.4%	97.6%	100.0%	0.0%	0.91	WHITE	
Veiga, Victor	13	82.4%	93.4%	100.0%	0.0%	0.90	WHITE	
YaBin, Liu	12	61.9%	86.9%	95.2%	4.8%	1.54	YELLOW	
Zalewski, John	12	78.6%	94.1%	98.8%	1.2%	0.91	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	19	59%
Red	6	80%	95%	0.85	4	12%
Blue	6	85%	98%	0.75	3	9%
Yellow	-	-	-	-	6	19%

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Sequence V Varnish

Rater	Parts Rated	-1<yi<=1	-2<yi<=2	-3<yi<=3	>3	Yi STD	Group	Group Color
Aguirre, Nancy P	26	88.5%	100.0%	100.0%	0.0%	0.55	BLUE	
Barrera, Tony	26	26.9%	76.9%	100.0%	0.0%	0.69	YELLOW	
Cales, Jonathon	26	76.9%	96.2%	100.0%	0.0%	0.91	WHITE	
Caproni, David	26	65.4%	96.2%	100.0%	0.0%	0.80	WHITE	
Castillo, George	26	84.6%	96.2%	100.0%	0.0%	0.81	RED	
DeCapite, Vanessa	26	73.1%	100.0%	100.0%	0.0%	0.74	WHITE	
Dominguez, Lucio	34	52.9%	94.1%	100.0%	0.0%	0.78	YELLOW	
Foecking, Brian	26	96.2%	100.0%	100.0%	0.0%	0.46	BLUE	
Hayden, Matthew	26	65.4%	88.5%	100.0%	0.0%	1.03	YELLOW	
Kobrinetz, Joaquin J.	34	73.5%	100.0%	100.0%	0.0%	0.72	WHITE	
Lonsway, Chris	34	61.8%	91.2%	100.0%	0.0%	0.96	WHITE	
Lopez, Frank	26	100.0%	100.0%	100.0%	0.0%	0.45	BLUE	
Rodriguez, Jesus (Jesse)	26	88.5%	100.0%	100.0%	0.0%	0.79	RED	
Sanchez, Arthur	26	96.2%	100.0%	100.0%	0.0%	0.60	BLUE	
Trevino, Robert	26	92.3%	100.0%	100.0%	0.0%	0.58	BLUE	
Bolaney, Jonathan	26	84.6%	100.0%	100.0%	0.0%	0.74	RED	
Brawley, Greg	24	54.2%	87.5%	100.0%	0.0%	1.31	YELLOW	
Broff, Andy	26	73.1%	100.0%	100.0%	0.0%	0.90	WHITE	
Cumberworth, Lee	34	44.1%	97.1%	97.1%	2.9%	1.12	YELLOW	
De Armas, Raymond	34	14.7%	52.9%	82.4%	17.7%	1.65	YELLOW	
Guarda, Waldyr	34	50.0%	64.7%	97.1%	2.9%	1.19	YELLOW	
Hayden, Matthew (rerate)	32	65.6%	90.6%	100.0%	0.0%	0.98	WHITE	
Liang, Chen	26	65.4%	92.3%	100.0%	0.0%	1.02	WHITE	
Price, Gregory	26	69.2%	100.0%	100.0%	0.0%	0.86	WHITE	
Rodriguez, Edward	24	54.2%	87.5%	95.8%	4.2%	1.92	YELLOW	
Sablad, Bertrand	24	66.7%	100.0%	100.0%	0.0%	0.84	WHITE	
Seiz, Ray	26	46.2%	76.9%	84.6%	15.4%	1.71	YELLOW	
Veiga, Victor	2	0.0%	100.0%	100.0%	0.0%	0.00	N/A	
YaBin, Liu	26	23.1%	53.9%	61.5%	38.5%	2.61	YELLOW	
Zalewski, John	26	65.4%	84.6%	96.2%	3.9%	1.20	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	10	34%
Red	6	80%	95%	0.85	3	10%
Blue	6	85%	98%	0.75	5	17%
Yellow	-	-	-	-	11	38%

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Induction & Combustion Deposits

Rater	Parts Rated	-1<yi<=1	-2<yi<=2	-3<yi<=3	>3	Yi STD	Group	Group Color
Barrera, Tony	10	83.3%	100.0%	100.0%	0.0%	0.66	RED	
Castillo, George	10	75.0%	100.0%	100.0%	0.0%	0.57	WHITE	
DeCapite, Vanessa	2	37.5%	93.8%	100.0%	0.0%	1.27	N/A	
Dominguez, Lucio	10	87.5%	95.8%	100.0%	0.0%	0.82	RED	
Foecking, Brian	10	83.3%	100.0%	100.0%	0.0%	0.70	RED	
Hayden, Matthew	2	68.8%	100.0%	100.0%	0.0%	0.88	N/A	
Kobrinetz, Joaquin J.	10	83.3%	100.0%	100.0%	0.0%	0.56	RED	
Lopez, Frank	10	95.8%	100.0%	100.0%	0.0%	0.42	BLUE	
Rodriguez, Jesus (Jesse)	10	70.8%	100.0%	100.0%	0.0%	0.76	WHITE	
Sanchez, Arthur	10	75.0%	100.0%	100.0%	0.0%	0.72	WHITE	
Trevino, Robert	10	58.3%	95.8%	100.0%	0.0%	0.74	YELLOW	
Bolaney, Jonathan	8	100.0%	100.0%	100.0%	0.0%	0.36	BLUE	
Cumberworth, Lee	10	87.5%	100.0%	100.0%	0.0%	0.68	BLUE	
Guarda, Waldyr	10	29.2%	79.2%	100.0%	0.0%	1.47	YELLOW	
Liang, Chen	10	100.0%	100.0%	100.0%	0.0%	0.47	BLUE	
Price, Gregory	10	79.2%	100.0%	100.0%	0.0%	0.46	WHITE	
Sablad, Bertrand	2	37.5%	93.8%	100.0%	0.0%	1.05	N/A	
Seiz, Ray	10	54.2%	70.8%	100.0%	0.0%	1.44	YELLOW	
YaBin, Liu	2	100.0%	100.0%	100.0%	0.0%	0.55	N/A	
Zalewski, John	10	33.3%	66.7%	100.0%	0.0%	1.52	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	4	25%
Red	6	80%	95%	0.85	4	25%
Blue	6	85%	98%	0.75	4	25%
Yellow	-	-	-	-	4	25%

LIGHT DUTY RATING WORKSHOP (April 9-13, 2018)

Sludge Deposits

Rater	Parts Rated	-1<yi<=1	-2<yi<=2	-3<yi<=3	>3	Yi STD	Group	Group Color
Aguirre, Nancy P	9	88.9%	100.0%	100.0%	0.0%	0.47	BLUE	
Barrera, Tony	9	88.9%	100.0%	100.0%	0.0%	0.48	BLUE	
Cales, Jonathon	9	88.9%	100.0%	100.0%	0.0%	0.44	BLUE	
Caproni, David	9	66.7%	100.0%	100.0%	0.0%	0.80	WHITE	
Castillo, George	9	88.9%	100.0%	100.0%	0.0%	0.57	BLUE	
DeCapite, Vanessa	9	88.9%	100.0%	100.0%	0.0%	0.54	BLUE	
Dominguez, Lucio	9	66.7%	100.0%	100.0%	0.0%	0.58	WHITE	
Foecking, Brian	9	100.0%	100.0%	100.0%	0.0%	0.27	BLUE	
Hayden, Matthew	9	66.7%	100.0%	100.0%	0.0%	0.75	WHITE	
Kobrinetz, Joaquin J.	9	77.8%	100.0%	100.0%	0.0%	0.55	WHITE	
Lonsway, Chris	9	77.8%	100.0%	100.0%	0.0%	0.69	WHITE	
Lopez, Frank	9	66.7%	100.0%	100.0%	0.0%	0.67	WHITE	
Rodriguez, Jesus (Jesse)	9	88.9%	100.0%	100.0%	0.0%	0.80	RED	
Sanchez, Arthur	9	77.8%	100.0%	100.0%	0.0%	0.68	WHITE	
Trevino, Robert	9	100.0%	100.0%	100.0%	0.0%	0.23	BLUE	
Bolaney, Jonathan	9	55.6%	88.9%	100.0%	0.0%	0.70	YELLOW	
Broff, Andy	9	0.0%	88.9%	100.0%	0.0%	0.51	YELLOW	
Cumberworth, Lee	9	44.4%	88.9%	100.0%	0.0%	0.97	YELLOW	
De Armas, Raymond	9	66.7%	100.0%	100.0%	0.0%	0.78	WHITE	
Guarda, Waldyr	9	88.9%	100.0%	100.0%	0.0%	0.91	WHITE	
Liang, Chen	9	100.0%	100.0%	100.0%	0.0%	0.65	BLUE	
Price, Gregory	9	100.0%	100.0%	100.0%	0.0%	0.44	BLUE	
Seiz, Ray	9	55.6%	88.9%	100.0%	0.0%	1.28	YELLOW	
Veiga, Victor	9	77.8%	100.0%	100.0%	0.0%	0.76	WHITE	
YaBin, Liu	9	77.8%	88.9%	88.9%	11.1%	1.81	YELLOW	
Zalewski, John	9	88.9%	100.0%	100.0%	0.0%	0.67	BLUE	

Group Criteria

	Minimum Number of Parts Rated	Minimum Yi's Within 1 STD of mean	Minimum Yi's Within 2 STD of mean	Maximum Overall Yi STD	Group Totals	
White	6	60%	90%	1.20	10	38%
Red	6	80%	95%	0.85	1	4%
Blue	6	85%	98%	0.75	10	38%
Yellow	-	-	-	-	5	19%