



Test Monitoring Center

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

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

May 13, 2019

To Participants of the ASTM International Light Duty Rating Workshop:

The ASTM International Light Duty Rating Workshop was held on May 6-10, 2019, 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 May 6-10, 2019, 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.

In the rating data, rating results noted in **green** are values closest to the target mean for that part or location. Rating results noted in **blue** are values that are furthest from the target mean for that part or location, but still within a range of plus or minus two standard deviations. Rating results noted in **red** are values that are furthest from the target mean for that part or location, which have exceeded a range of plus or minus two standard deviations. Rating results noted in ~~**red**~~ **strikethrough** are values that are furthest from the target mean for that part or location, which are also considered “outlier observations” based upon a 99.8% significance level, as defined by ASTM Standard Practice E178 **Standard Practice for Dealing With Outlying Observations**. No screening was done to the target data.

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

May 6-10, 2019

San Antonio, Texas

Monday, May 6, 2019

The workshop began at 1:00pm with 12 raters in attendance (see sign-in sheet) for the Session A. Jack Kobrinetz gave some opening remarks on the format of the workshop. Special thanks were given to Lucio Dominguez of Intertek Automotive Research for 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 2019, a group of raters who achieved "non-yellow" color codes at the 2018 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 15 raters identified as possible "target raters," 12 raters were in attendance in Session A.

The Minimum Standard Deviation that was implemented at past workshops for all analyses of individual rating was again used for this workshop. 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.

LED sludge rating lights were again made available for review and comparison to the current fluorescent lighting used for sludge rating. All sludge ratings reported for this workshop were made using fluorescent lighting.

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

At 2:40pm, 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 was not retained and is not included in the workshop report.

At 3:10pm, the preliminary data review ended and the group returned to rating.

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

Tuesday, May 7, 2019

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 5:00am and closed at 5:00pm for the day.

Wednesday, May 8, 2019

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

At 8:10am, Session B of the workshop began with 16 raters in attendance (see sign-in sheet). Jack Kobrinetz gave some opening remarks on the format of the workshop, along with covering some background information regarding rating methods in general, along with specifics relating to the workshop itself.

Light Duty Rating Workshop

May 6-10, 2019

San Antonio, Texas

Special thanks were given to Lucio Dominguez of Intertek Automotive Research for his 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 2019 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 10:00am, the Session A raters began their final data review.

At 11:15am, the Session A raters concluded their data review.

At 11:45am both groups adjourned for lunch.

At 12:15pm, 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 6:00pm, with some raters receiving additional training, as the need was identified by the workshop data.

Thursday, May 9, 2019

Rating of the workshop parts by the Session B raters continued all day, with a break for lunch at 11:45am. The room was opened at 5:30am and closed at 6:10pm for the day, with some raters receiving additional training, as the need was identified by the workshop data.

Friday, May 10, 2019

Rating of the workshop parts by the Session B raters was completed by 10:10am and the group began the final data review of the workshop parts. At 11:40am, the group completed the data review and then took a short break. At 12:00pm, the workshop adjourned.

Discussions

Undercrown Rating

Undercrown ratings were not performed at this workshop. Undercrown rating requires removal of the pistons from the rating stands, along with significant handling of the pistons to perform the rating. This process can dislodge carbon deposits from other areas of the piston, which will change the ratings of those areas. In addition, some of the piston types at the workshop have a coated undercrown area, which is extremely difficult to rate. It was decided that the value of the undercrown data obtained was not worth the risk to the other results generated in the workshop.

Light Duty Rating Workshop

May 6-10, 2019

San Antonio, Texas

Use of LED Lighting in Rating

The possible use of LED lighting for rating applications was evaluated at this workshop. Due to Federal regulations, fluorescent lighting is on its way out. To evaluate the use of LED lighting in rating, a "round bulb" rating light (used in IIIH and GMOD piston rating) and a "two bulb" rating light (used in Sequence VH piston skirt rating) were converted to LED using commercially available LED conversion kits. These two LED fixtures were set up in a pair of rating booths, along with a fluorescent rating light of the same type, so that several pistons could be rated using both types of lighting.

The target raters from the A Session were asked to rate a single IIIH and GMOD piston, along with a set of eight Sequence VH pistons, using both light sources, with those ratings to be used for comparison between the two light sources.

The data generated using LED lighting will not be used for any color code calculations at this workshop, and will be published separate from the workshop data, to avoid confusion.

Future Workshops

The next Heavy Duty Rating Workshop will be held on September 30, 2019 to October 4, 2019, at this same location.

The next Light Duty Rating Workshop will be held in Spring 2020, with the exact dates and location to be determined.

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

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ASTM International
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West Conshohocken, PA 19428
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fax: (610) 834-7078
email: yreese@astm.org

Light Duty Rating Workshop 2019 – Session A

Sign-In Sheet

Aguirre, Nancy P

Nancy P. Aguirre

Bolaney, Jonathan

Jonathan Bolaney

Cales, Jonathon

Jonathon Cales

Caproni, David

David Caproni

DeCapite, Vanessa

Vanessa DeCapite

Foecking, Brian

Brian Foecking

Kobrinetz, Joaquin J.

Joaquin J. Kobrinetz

Lopez, Frank

Frank Lopez

Price, Gregory

Gregory Price

Rodriguez, Jesus (Jesse)

Jesse Rodriguez

Sanchez, Arthur

Arthur Sanchez

Trevino, Robert

Robert Trevino

Light Duty Rating Workshop 2019 – Session A

Sign-In Sheet

Aguirre, Nancy P

Nancy P. Aguirre

Bolaney, Jonathan

Jonathan Bolaney

Cales, Jonathon

Jonathon Cales

Caproni, David

David Caproni

DeCapite, Vanessa

Vanessa DeCapite

Foecking, Brian

Brian Foecking

Kobrinetz, Joaquin J.

Joaquin J. Kobrinetz

Lopez, Frank

Frank Lopez

Price, Gregory

Gregory Price

Rodriguez, Jesus (Jesse)

Jesse Rodriguez

Sanchez, Arthur

Arthur Sanchez

Trevino, Robert

Robert Trevino

Light Duty Rating Workshop 2019 – Session A

Sign-In Sheet

Aguirre, Nancy P

Nancy P Aguirre

Bolaney, Jonathan

Jonathan Bolaney

Cales, Jonathon

Jonathon Cales

Caproni, David

David Caproni

DeCapite, Vanessa

Vanessa DeCapite

Foecking, Brian

Brian Foecking

Kobrinetz, Joaquin J.

Joaquin J Kobrinetz

Lopez, Frank

Frank Lopez

Price, Gregory

Gregory Price

Rodriguez, Jesus (Jesse)

Jesse Rodriguez

Sanchez, Arthur

Arthur Sanchez

Trevino, Robert

Robert Trevino

Light Duty Rating Workshop 2019 – Session B

Sign-In Sheet

Barrera, Tony

Tony Barrera

Campbell, Bryan

Bryan Campbell

Crane, Jeffrey

Jeff Crane

De Armas, Raymond

Ray De Armas

Demel, Samuel

Sam Demel

Dominguez, Lucio

Lucio Dominguez

Langford, Mike

Mike Langford

Lonsway, Chris

Chris Lonsway

Moore, Sean

Sean Moore

Pitta, Jimmy

Jimmy Pitta

Reese, Kyle

Kyle Reese

Rodriguez, Edward

Edward Rodriguez

Sanchez, Christopher

Chris Sanchez

Veiga, Victor

Victor Veiga

Zalewski, John

John Zalewski

Terrado, Ken

Ken Terrado

Light Duty Rating Workshop 2019 – Session B

Sign-In Sheet

Barrera, Tony

Tony Barrera

Campbell, Bryan

Bryan Campbell

Crane, Jeffrey

J. Crane

De Armas, Raymond

Ray De Armas

Demel, Samuel

Sam Demel

Dominguez, Lucio

Lucio Dominguez

Langford, Mike

Mike Langford

Lonsway, Chris

Chris Lonsway

Moore, Sean

Sean Moore

Pitta, Jimmy

Jimmy Pitta

Reese, Kyle

Kyle Reese

Rodriguez, Edward

Edward Rodriguez

Sanchez, Christopher

Chris Sanchez

Veiga, Victor

Victor Veiga

Zalewski, John

John Zalewski

Terrado, Ken

Ken Terrado

Light Duty Rating Workshop 2019 – Session B

Sign-In Sheet

Barrera, Tony

Tony Barrera

Campbell, Bryan

Bryan Campbell

Crane, Jeffrey

Jeffrey Crane

De Armas, Raymond

Raymond De Armas

Demel, Samuel

Samuel Demel

Dominguez, Lucio

Lucio Dominguez

Langford, Mike

Mike Langford

Lonsway, Chris

Chris Lonsway

Moore, Sean

Sean Moore

Pitta, Jimmy

Jimmy Pitta

Reese, Kyle

Kyle Reese

Rodriguez, Edward

Edward Rodriguez

Sanchez, Christopher

Christopher Sanchez

Veiga, Victor

Victor Veiga

Zalewski, John

John Zalewski

Terrado, Ken

Ken Terrado

Welcome to the Light Duty Rating Workshop

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



Light Duty Rating Workshop

May 2019



Volunteers

- Thank you to 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 “workshop2019”
- The wireless network password is “calibration”
- 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 2019

- 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/>



Before We Start

- Go into rating room and wipe down pistons
- Point out any pistons that have chipped or peeling carbon
- Someone check for “measurable” sludge, note areas that are measurable and inform John, also list those areas and display.



“Calibration”

- One composite piston and 2 VH 50% piston skirts will be rated as a calibration exercise
- We will briefly look at data to see where we all stand
- We will discuss any outliers
- We will then be free to rate our allotment of parts



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Light Duty Rating Workshop

May 2019



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New Rating Scales

- New Rust/Lacquer/Varnish scale included.
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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

ASTM INTERNATIONAL
Helping our world work better

PRODUCTS & SERVICES | GET INVOLVED | ABOUT | NEWS

ASTM Deposit Rating Manual 20 (Formerly CRC Manual 20)

Revised: 2009

Format	Pages	Price	
<input type="checkbox"/> Print Version		\$767.00	Add to Cart


[ASTM License Agreement](#)

[Records of Revision](#)

The TMC Deposit Rating Manual is a resource for understanding the method, scales, definitions, and rating aids required for the evaluation of deposits on applicable hardware.

This Manual includes the following tabbed sections:

- Definitions
- Rating Environment
- Rating Procedure
- Sludge
- Varnish
- Rust
- Carbon
- Induction/Combustion System



Workshop Format

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



Workshop Format (Continued)

- 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

- Data Review & Discussion



Parts Assignments

- Two Sets of “Lettered” parts (A, B, C)
 - Six Sequence IIIH Pistons
 - Six GMOD Pistons
 - Do not remove the pistons from the stands; undercrown ratings are not permitted for any IIIH or GMOD piston.
- Three Sets of Sequence VH Pistons (8 pistons)
 - Rate top 50% of skirt, Thrust side only



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.






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.



Workshop Color Codes

- Light Duty Piston Deposits (minimum of 6 parts needed)
 - “Lettered” Piston sets
 - Nine Sequence IIIH Pistons
 - Nine GMOD Pistons
- Sequence V Varnish (minimum of 24 parts needed)
 - Rocker Baffle Varnish
 - Four Sequence VH Piston Sets (8 pistons per set)



Workshop Color Codes (cont.)

- Sludge (minimum of 6 parts needed)
 - Complete Sequence VH 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/>



Calibration

- It is encouraged that you calibrate before rating all assigned parts
- Rate a single part from each section first and see a trainer to see if you are close to the target ratings, if so continue
- If not, you can self adjust or a trainer can go over sections that you “missed” on, to fine tune your rating



Welcome!

- » Light Duty Rating Workshop
May 6 – 10, 2019
San Antonio, TX

Test Monitoring Center
<http://astmtmc.cmu.edu>



Please Sign In

- ▶ Pick up rating scales packet
- ▶ *Sign attendance sheet each day!*
- ▶ Rating worksheets are available at front table

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<http://astmtmc.cmu.edu>



Work Environment

- ▶ Please maintain a 'library-like' atmosphere in both the rating and conference rooms.



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<http://astmtmc.cmu.edu>



Data Entry Server Info

- ▶ WiFi Network:
 - [workshop2019](#)
- ▶ WiFi Network Password:
 - [calibration](#)
- ▶ Web Address:
 - <http://192.168.1.108>

Test Monitoring Center
<http://astmtmc.cmu.edu>



Data Entry Server Info

- ▶ User name:
 - Your user name is printed in *red* on your packet summary page
 - Enter your *user name* in the *password* field.
 - Leave “TMC” in the other field

Test Monitoring Center
<http://astmtmc.cmu.edu>



! IMPORTANT !

- ▶ All ratings are entered in merits.
- ▶ If data entry *does not auto-calculate* then:
 - *Stop immediately and get help* or your data will not be saved!

Test Monitoring Center
<http://astmtmc.cmu.edu>



Help is Available

- ▶ Computer / Network / Equipment Issues
 - TMC Personnel
- ▶ Rating Issues / Questions
 - Rating Advisor
 - Look someone with the red badge lanyard



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Data Entry Screening

- ▶ On submission, the data entry system will flag a part if there is a rating value that needs to be reviewed.
 - What to do?
 - Seek out a rating advisor



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Flagged Part – Rating Advising

- ▶ Work with the advisor for guidance
- ▶ Re-evaluate the rating in question
- ▶ When ready to re-submit rating,
advisor will request TMC to unlock
data entry

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Flagged Part – Rating Advising

- ▶ *Only two* re-rates per flagged part is permitted.

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Do's and Don'ts

- ▶ Do
 - Ask **advisors** regarding all parts and ratings issues
 - Ask **TMC** regarding network/IT/data entry issues
 - Notify **TMC** of any equipment issues
 - Be considerate of other raters
 - Quiet in both rooms
 - Do not take excessive time in any single booth

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Do's and Don'ts

- ▶ Don't
 - *Pick at deposits or alter parts in any way*
 - *Take pistons off of stands*
 - *Don't remove piston caps*
 - *'Repair' lighting; ask TMC to fix*
 - Ask about your color code during rating portion of the workshop
 - Ask TMC personnel about rating issues
 - Ask the experts



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A Program of ASTM International

Light Duty Rating Workshop 2019

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

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

**LED
Evaluation
Booth**

B1 IIH	B2 IIH	B3 IIH	B4 GMOD
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 IIH	C2 IIH	C3 IIH	C4 GMOD
C5 GMOD	C6 GMOD	H1-8/I1-8 Intake Valves	PTOPS Piston Tops

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

Part ID= A1 - 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	1.04	0.96	9.68	2.87	1.01	9.90	9.90
Barrera, Tony	0.75	1.02	9.87	3.11	0.84	9.85	9.88
Cales, Jonathon	1.41	0.88	9.53	2.77	0.99	9.86	9.88
De Armas, Raymond	2.15	1.02	9.72	3.08	1.10	9.89	9.90
DeCapite, Vanessa	1.64	1.22	9.50	3.04	0.97	9.90	9.90
Demel, Samuel	1.07	1.27	9.70	3.11	1.14	9.89	9.89
Dominguez, Lucio	0.75	0.91	9.78	2.29	0.88	9.90	9.90
Foecking, Brian	1.72	1.05	9.79	2.74	0.98	9.90	9.90
Kobrinetz, Joaquin J.	1.03	1.00	9.76	2.66	1.05	9.92	9.92
Langford, Mike	0.71	0.73	9.51	3.12	0.93	9.95	9.98
Lonsway, Chris	1.30	0.96	9.80	2.97	1.07	9.90	9.90
Lopez, Frank	0.75	0.94	9.79	3.28	0.82	9.90	9.90
Moore, Sean	2.08	1.03	9.83	2.86	1.06	9.89	9.90
Pitta, Jimmy	0.80	1.06	9.74	2.94	0.96	9.97	9.98
Reese, Kyle	0.75	0.84	9.61	2.95	0.87	9.89	9.89
Rodriguez, Jesus (Jesse)	0.88	0.87	9.87	2.61	1.00	9.90	9.90
Sanchez, Arthur	0.91	1.06	9.90	3.12	1.08	9.90	9.90
Sanchez, Christopher	1.02	1.26	9.79	3.07	0.99	9.99	9.99
Terrado, Ken	1.31	1.09	9.76	2.95	1.08	9.90	9.90
Veiga, Victor	0.75	0.85	9.86	2.91	1.16	9.90	9.90
Zalewski, John	1.14	0.91	9.68	2.47	0.91	9.90	9.90
MAXIMUM	1.72	1.22	9.90	3.28	1.08	9.92	9.92
MINIMUM	0.75	0.87	9.50	2.61	0.82	9.86	9.88
RANGE(MAX-MIN)	0.970	0.350	0.400	0.670	0.260	0.060	0.040
MEAN	1.173	0.998	9.728	2.886	0.988	9.898	9.900
STANDARD DEVIATION	0.368	0.114	0.147	0.238	0.100	0.100	0.100
N SIZE	21.000						

Part ID= A1 - SEQUENCE IIIH PISTON

A1 Y1 Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	FRTOT	RRTOT
Aguirre, Nancy P	-0.36	-0.33	-0.32	-0.07	0.23	0.03	0.00
Barrera, Tony	-1.15	0.20	0.97	0.94	-1.48	-0.48	-0.20
Cales, Jonathon	0.65	-1.03	-1.34	-0.49	0.03	-0.38	-0.20
De Armas, Raymond	2.66	0.20	-0.05	0.81	1.13	-0.08	0.00
DeCapite, Vanessa	1.27	1.95	-1.54	0.65	-0.18	0.03	0.00
Demel, Samuel	-0.28	2.39	-0.19	0.94	1.53	-0.08	-0.10
Dominguez, Lucio	-1.15	-0.77	0.36	-2.51	-1.08	0.03	0.00
Foecking, Brian	1.49	0.46	0.42	-0.61	-0.08	0.03	0.00
Kobrinetz, Joaquin J.	-0.39	0.02	0.22	-0.95	0.63	0.23	0.20
Langford, Mike	-1.26	-2.35	-1.48	0.98	-0.58	0.53	0.80
Lonsway, Chris	0.35	-0.33	0.49	0.35	0.83	0.03	0.00
Lopez, Frank	-1.15	-0.50	0.42	1.66	-1.68	0.03	0.00
Moore, Sean	2.47	0.29	0.70	-0.11	0.73	-0.08	0.00
Pitta, Jimmy	-1.01	0.55	0.08	0.23	-0.28	0.73	0.80
Reese, Kyle	-1.15	-1.38	-0.80	0.27	-1.18	-0.08	-0.10
Rodriguez, Jesus (Jesse)	-0.80	-1.12	0.97	-1.16	0.13	0.03	0.00
Sanchez, Arthur	-0.71	0.55	1.17	0.98	0.93	0.03	0.00
Sanchez, Christopher	-0.41	2.30	0.42	0.77	0.03	0.93	0.90
Terrado, Ken	0.37	0.81	0.22	0.27	0.93	0.03	0.00
Veiga, Victor	-1.15	-1.29	0.90	0.10	1.73	0.03	0.00
Zalewski, John	-0.09	-0.77	-0.32	-1.75	-0.78	0.03	0.00
MAXIMUM	1.49	1.95	-1.54	1.66	-1.68	-0.38	-0.20
MINIMUM	-0.36	0.02	0.22	-0.07	0.03	0.03	0.00
RANGE(MAX-MIN)	1.850	1.930	-1.765	1.724	-1.700	-0.400	-0.200
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	0.770	0.167	0.107
N SIZE	21.000						

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

Part ID= A2 - 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	1.24	0.74	9.84	0.86	1.63	9.90	9.90
Barrera, Tony	0.81	0.74	9.89	0.80	1.50	9.85	9.85
Cales, Jonathon	1.51	0.73	9.88	0.79	1.40	9.89	9.90
De Armas, Raymond	1.24	0.75	9.79	0.89	1.36	9.90	9.90
DeCapite, Vanessa	1.20	0.74	9.86	0.81	1.54	9.90	9.90
Demel, Samuel	1.07	0.74	9.88	0.79	1.24	10.00	10.00
Dominguez, Lucio	1.01	0.74	9.88	0.79	1.35	9.84	9.85
Foecking, Brian	0.65	0.75	9.90	0.80	1.49	9.90	9.90
Kobrinetz, Joaquin J.	1.37	0.73	9.93	0.76	1.60	9.84	9.80
Langford, Mike	1.21	0.67	9.90	0.97	1.49	9.97	9.98
Lonsway, Chris	1.22	0.75	9.90	0.81	1.55	9.90	9.90
Lopez, Frank	0.75	0.74	9.90	0.90	1.94	9.90	9.90
Pitta, Jimmy	1.57	0.74	9.84	0.80	1.39	9.98	9.98
Reese, Kyle	1.10	0.75	9.56	0.88	1.15	9.93	9.83
Rodriguez, Jesus (Jesse)	1.00	0.74	9.90	0.73	1.62	9.90	9.90
Sanchez, Arthur	0.96	0.73	9.90	0.84	1.65	9.90	9.90
Sanchez, Christopher	1.10	0.73	9.97	0.83	1.41	9.97	9.98
Terrado, Ken	1.57	0.80	9.68	0.88	1.51	9.90	9.90
Veiga, Victor	0.86	0.74	9.90	0.91	1.39	9.90	9.90
Zalewski, John	1.08	0.74	9.80	0.71	1.64	9.90	9.90
MAXIMUM	1.51	0.75	9.93	0.90	1.94	9.90	9.90
MINIMUM	0.65	0.73	9.84	0.73	1.40	9.84	9.80
RANGE(MAX-MIN)	0.860	0.020	0.090	0.170	0.540	0.060	0.100
MEAN	1.085	0.738	9.889	0.811	1.609	9.891	9.888
STANDARD DEVIATION	0.298	0.100	0.100	0.100	0.158	0.100	0.100
N SIZE	20.000						

Part ID= A2 - SEQUENCE IIIH PISTON

A2 Y1 Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	FRTOT	RRTOT
Aguirre, Nancy P	0.52	0.03	-0.49	0.49	0.13	0.09	0.13
Barrera, Tony	-0.92	0.03	0.01	-0.11	-0.69	-0.41	-0.38
Cales, Jonathon	1.42	-0.08	-0.09	-0.21	-1.32	-0.01	0.13
De Armas, Raymond	0.52	0.13	-0.99	0.79	-1.58	0.09	0.13
DeCapite, Vanessa	0.39	0.03	-0.29	-0.01	-0.44	0.09	0.13
Demel, Samuel	-0.05	0.03	-0.09	-0.21	-2.34	1.09	1.13
Dominguez, Lucio	-0.25	0.03	-0.09	-0.21	-1.64	-0.51	-0.38
Foecking, Brian	-1.46	0.13	0.11	-0.11	-0.75	0.09	0.13
Kobrinetz, Joaquin J.	0.96	-0.08	0.41	-0.51	-0.06	-0.51	-0.88
Langford, Mike	0.42	-0.68	0.11	1.59	-0.75	0.79	0.93
Lonsway, Chris	0.45	0.13	0.11	-0.01	-0.37	0.09	0.13
Lopez, Frank	-1.12	0.03	0.11	0.89	2.10	0.09	0.13
Pitta, Jimmy	1.63	0.03	-0.49	-0.11	-1.39	0.89	0.93
Reese, Kyle	0.05	0.13	-3.29	0.69	-2.91	0.39	-0.58
Rodriguez, Jesus (Jesse)	-0.28	0.03	0.11	-0.81	0.07	0.09	0.13
Sanchez, Arthur	-0.42	-0.08	0.11	0.29	0.26	0.09	0.13
Sanchez, Christopher	0.05	-0.08	0.81	0.19	-1.26	0.79	0.93
Terrado, Ken	1.63	0.63	-2.09	0.69	-0.63	0.09	0.13
Veiga, Victor	-0.75	0.03	0.11	0.99	-1.39	0.09	0.13
Zalewski, John	-0.02	0.03	-0.89	-1.01	0.20	0.09	0.13
MAXIMUM	-1.46	0.13	-0.49	0.89	2.10	-0.51	-0.88
MINIMUM	-0.28	0.03	-0.09	-0.01	-0.06	-0.01	0.13
RANGE(MAX-MIN)	-1.173	0.100	-0.400	0.900	2.154	-0.500	-1.000
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	0.100	0.280	0.546	1.000	0.210	0.354
N SIZE	20.000						

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

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	0.75	1.64	9.83	1.97	2.42	9.90	9.90
Barrera, Tony	0.75	2.32	9.74	1.83	2.31	9.83	9.82
Cales, Jonathon	0.73	2.29	9.80	1.55	2.16	9.90	9.88
De Armas, Raymond	0.70	3.14	9.81	1.79	2.16	9.90	9.90
DeCapite, Vanessa	0.71	1.74	9.77	2.26	2.55	9.90	9.90
Demel, Samuel	0.73	2.44	9.73	2.46	2.58	9.99	9.97
Dominguez, Lucio	0.71	1.30	9.84	1.13	2.14	9.89	9.90
Foecking, Brian	0.75	1.75	9.90	1.79	2.35	9.90	9.90
Kobrinetz, Joaquin J.	0.70	1.90	9.92	1.70	2.96	9.96	9.89
Langford, Mike	0.72	1.64	9.66	2.02	1.99	9.97	9.98
Lonsway, Chris	0.65	1.81	9.88	1.82	2.39	9.90	9.90
Lopez, Frank	0.72	1.40	9.88	1.31	3.21	9.90	9.90
Pitta, Jimmy	0.74	1.25	9.90	1.28	2.52	9.98	9.98
Reese, Kyle	0.75	1.72	9.67	1.84	1.74	9.90	9.90
Rodriguez, Jesus (Jesse)	0.75	1.28	9.89	1.23	2.41	9.90	9.87
Sanchez, Arthur	0.75	2.08	9.90	1.95	2.38	9.90	9.90
Sanchez, Christopher	0.74	2.25	9.86	2.01	2.64	9.98	9.99
Terrado, Ken	0.74	1.33	9.84	1.35	2.56	10.00	10.00
Veiga, Victor	0.64	1.48	9.90	1.32	2.15	9.90	9.90
Zalewski, John	0.75	1.79	9.90	2.15	2.57	9.90	9.90
MAXIMUM	0.75	2.29	9.92	2.26	3.21	9.96	9.90
MINIMUM	0.70	1.28	9.77	1.23	2.16	9.90	9.87
RANGE(MAX-MIN)	0.050	1.010	0.150	1.030	1.050	0.060	0.030
MEAN	0.733	1.760	9.861	1.720	2.555	9.908	9.893
STANDARD DEVIATION	0.100	0.333	0.100	0.348	0.351	0.100	0.100
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	0.18	-0.36	-0.31	0.72	-0.38	-0.08	0.08
Barrera, Tony	0.18	1.68	-1.21	0.32	-0.70	-0.78	-0.73
Cales, Jonathon	-0.03	1.59	-0.61	-0.49	-1.13	-0.08	-0.13
De Armas, Raymond	-0.33	4.14	-0.51	0.20	-1.13	-0.08	0.08
DeCapite, Vanessa	-0.23	-0.06	-0.91	1.55	-0.01	-0.08	0.08
Demel, Samuel	-0.03	2.04	-1.31	2.12	0.07	0.83	0.78
Dominguez, Lucio	-0.23	-1.38	-0.21	-1.69	-1.18	-0.18	0.08
Foecking, Brian	0.18	-0.03	0.39	0.20	-0.58	-0.08	0.08
Kobrinetz, Joaquin J.	-0.33	0.42	0.59	-0.06	1.15	0.53	-0.03
Langford, Mike	-0.13	-0.36	-2.01	0.86	-1.61	0.63	0.88
Lonsway, Chris	-0.83	0.15	0.19	0.29	-0.47	-0.08	0.08
Lopez, Frank	-0.13	-1.08	0.19	-1.18	1.87	-0.08	0.08
Pitta, Jimmy	0.08	-1.53	0.39	-1.26	-0.10	0.73	0.88
Reese, Kyle	0.18	-0.12	-1.91	0.34	-2.32	-0.08	0.08
Rodriguez, Jesus (Jesse)	0.18	-1.44	0.29	-1.41	-0.41	-0.08	-0.23
Sanchez, Arthur	0.18	0.96	0.39	0.66	-0.50	-0.08	0.08
Sanchez, Christopher	0.08	1.47	-0.01	0.83	0.24	0.73	0.98
Terrado, Ken	0.08	-1.29	-0.21	-1.06	0.01	0.93	1.08
Veiga, Victor	-0.93	-0.84	0.39	-1.15	-1.15	-0.08	0.08
Zalewski, John	0.18	0.09	0.39	1.23	0.04	-0.08	0.08
MAXIMUM	-0.33	1.59	-0.91	1.55	1.87	-0.08	-0.23
MINIMUM	-0.03	-0.03	0.19	-0.06	-0.01	-0.08	-0.03
RANGE(MAX-MIN)	-0.300	1.620	-1.100	1.608	1.882	0.000	-0.200
MEAN	0.000	0.000	0.000	0.000	0.000	-0.075	0.000
STANDARD DEVIATION	0.205	1.000	0.544	1.000	1.000	0.100	0.116
N SIZE	20.000						

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

Part ID= A4 - 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	0.75	8.53	9.06	0.79	9.20	9.88	9.90	
Barrera, Tony	0.75	8.38	8.59	0.80	8.78	9.88	9.93	
Cales, Jonathon	0.75	7.87	8.23	0.93	8.27	9.77	9.87	
De Armas, Raymond	0.75	8.32	8.35	0.83	8.88	9.89	9.90	
DeCapite, Vanessa	0.75	7.90	8.25	1.02	9.06	9.80	9.93	
Demel, Samuel	0.75	8.43	8.68	1.07	8.82	9.76	9.86	
Foecking, Brian	0.75	8.08	8.35	0.98	9.11	9.77	9.90	
Kobrinetz, Joaquin J.	0.75	8.54	8.68	0.95	9.20	9.85	9.97	
Langford, Mike	0.73	7.98	8.48	1.15	8.62	9.72	9.88	
Lonsway, Chris	0.75	8.54	8.85	0.87	9.41	9.85	9.90	
Lopez, Frank	0.75	8.70	9.00	0.78	9.35	9.82	9.90	
Moore, Sean	0.75	8.14	8.77	0.89	9.28	9.89	9.90	
Pitta, Jimmy	0.74	7.97	8.50	0.86	8.97	9.97	9.98	
Reese, Kyle	0.75	8.12	8.60	0.94	8.72	9.76	9.80	
Rodriguez, Jesus (Jesse)	0.75	7.83	8.35	0.80	9.09	9.83	9.90	
Sanchez, Arthur	0.84	8.95	9.24	0.83	9.55	9.81	9.88	
Sanchez, Christopher	0.75	8.47	8.87	0.79	9.34	9.96	9.98	
Terrado, Ken	0.75	7.84	8.55	0.82	8.92	9.87	9.90	
Veiga, Victor	0.75	8.28	9.06	1.02	9.10	9.79	9.90	
Zalewski, John	0.75	8.15	8.58	0.74	8.95	9.76	9.90	
MAXIMUM	0.84	8.95	9.24	1.02	9.55	9.88	9.97	
MINIMUM	0.75	7.83	8.23	0.78	8.27	9.77	9.87	
RANGE(MAX-MIN)	0.090	1.120	1.010	0.240	1.280	0.110	0.100	
MEAN	0.761	8.300	8.645	0.885	9.104	9.816	9.906	
STANDARD DEVIATION	0.100	0.432	0.406	0.100	0.373	0.100	0.100	
N SIZE	20.000							

Part ID= A4 - GMOD PISTON

A4 Y1 Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	THTOT	ATTOT	
Aguirre, Nancy P	-0.11	0.53	1.02	-0.95	0.26	0.64	-0.06	
Barrera, Tony	-0.11	0.19	-0.14	-0.85	-0.87	0.64	0.24	
Cales, Jonathon	-0.11	-1.00	-1.02	0.45	-2.23	-0.46	-0.36	
De Armas, Raymond	-0.11	0.05	-0.73	-0.55	-0.60	0.74	-0.06	
DeCapite, Vanessa	-0.11	-0.93	-0.97	1.35	-0.12	-0.16	0.24	
Demel, Samuel	-0.11	0.30	0.09	1.85	-0.76	-0.56	-0.46	
Foecking, Brian	-0.11	-0.51	-0.73	0.95	0.02	-0.46	-0.06	
Kobrinetz, Joaquin J.	-0.11	0.56	0.09	0.65	0.26	0.34	0.64	
Langford, Mike	-0.31	-0.74	-0.41	2.65	-1.30	-0.96	-0.26	
Lonsway, Chris	-0.11	0.56	0.50	-0.15	0.82	0.34	-0.06	
Lopez, Frank	-0.11	0.93	0.87	-1.05	0.66	0.04	-0.06	
Moore, Sean	-0.11	-0.37	0.31	0.05	0.47	0.74	-0.06	
Pitta, Jimmy	-0.21	-0.76	-0.36	-0.25	-0.36	1.54	0.74	
Reese, Kyle	-0.11	-0.42	-0.11	0.55	-1.03	-0.56	-1.06	
Rodriguez, Jesus (Jesse)	-0.11	-1.09	-0.73	-0.85	-0.04	0.14	-0.06	
Sanchez, Arthur	0.79	1.50	1.46	-0.55	1.20	-0.06	-0.26	
Sanchez, Christopher	-0.11	0.39	0.55	-0.95	0.63	1.44	0.74	
Terrado, Ken	-0.11	-1.06	-0.23	-0.65	-0.49	0.54	-0.06	
Veiga, Victor	-0.11	-0.05	1.02	1.35	-0.01	-0.26	-0.06	
Zalewski, John	-0.11	-0.35	-0.16	-1.45	-0.41	-0.56	-0.06	
MAXIMUM	-0.11	1.50	1.46	1.35	-2.23	0.64	0.64	
MINIMUM	-0.11	-0.51	0.09	0.45	0.02	0.04	-0.06	
RANGE(MAX-MIN)	0.000	2.013	1.378	0.900	-2.250	0.600	0.700	
MEAN	-0.113	0.000	0.000	0.000	0.000	0.000	0.000	
STANDARD DEVIATION	0.100	1.000	1.000	0.955	1.000	0.378	0.311	
N SIZE	20.000							

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

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	0.75	9.62	9.88	1.03	9.90	9.89	9.90
Barrera, Tony	0.74	9.68	9.90	1.02	9.90	9.87	9.93
Cales, Jonathon	0.75	9.34	9.94	1.06	9.92	9.83	9.95
De Armas, Raymond	0.75	9.60	9.80	1.12	9.80	9.90	9.90
DeCapite, Vanessa	0.74	9.53	9.88	1.30	9.90	9.89	9.94
Demel, Samuel	0.74	9.59	9.89	1.05	9.99	9.86	9.89
Dominguez, Lucio	0.74	9.52	9.80	0.87	9.90	9.89	9.90
Foecking, Brian	0.75	9.74	9.89	1.33	9.95	9.86	9.90
Kobrinetz, Joaquin J.	0.73	9.55	9.78	1.26	9.98	9.91	9.93
Langford, Mike	0.63	9.11	9.80	1.34	9.90	9.76	9.80
Lonsway, Chris	0.75	9.72	9.90	1.22	9.90	9.85	9.90
Lopez, Frank	0.71	9.81	9.90	0.91	9.90	9.84	9.90
Moore, Sean	0.73	9.06	9.90	1.60	9.81	9.86	9.90
Pitta, Jimmy	0.75	9.68	9.80	1.31	9.95	9.77	10.00
Price, Gregory	0.74	9.46	9.90	1.13	9.92	9.94	9.96
Reese, Kyle	0.74	9.37	9.90	1.27	9.90	9.88	9.90
Rodriguez, Jesus (Jesse)	0.75	9.37	9.85	0.90	9.90	9.89	9.90
Sanchez, Arthur	0.75	9.67	9.70	0.99	10.00	9.85	9.90
Sanchez, Christopher	0.75	9.50	9.84	0.92	9.90	9.96	9.96
Terrado, Ken	0.75	9.63	9.90	1.28	9.90	9.79	9.85
Zalewski, John	0.74	9.40	9.90	0.98	9.90	9.83	9.90
MAXIMUM	0.75	9.81	9.94	1.33	10.00	9.94	9.96
MINIMUM	0.71	9.34	9.70	0.90	9.90	9.83	9.90
RANGE(MAX-MIN)	0.040	0.470	0.240	0.430	0.100	0.110	0.060
MEAN	0.741	9.566	9.858	1.101	9.930	9.878	9.920
STANDARD DEVIATION	0.100	0.160	0.100	0.164	0.100	0.100	0.100
N SIZE	21.000						

Part ID= A5 - GMOD PISTON

A5 Y1 Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	THTOT	ATTOT
Aguirre, Nancy P	0.09	0.34	0.22	-0.43	-0.30	0.12	-0.20
Barrera, Tony	-0.01	0.71	0.42	-0.50	-0.30	-0.08	0.10
Cales, Jonathon	0.09	-1.41	0.82	-0.25	-0.10	-0.48	0.30
De Armas, Raymond	0.09	0.21	-0.58	0.12	-1.30	0.22	-0.20
DeCapite, Vanessa	-0.01	-0.22	0.22	1.22	-0.30	0.12	0.20
Demel, Samuel	-0.01	0.15	0.32	-0.31	0.60	-0.18	-0.30
Dominguez, Lucio	-0.01	-0.28	-0.58	-1.41	-0.30	0.12	-0.20
Foecking, Brian	0.09	1.09	0.32	1.40	0.20	-0.18	-0.20
Kobrinetz, Joaquin J.	-0.11	-0.10	-0.78	0.97	0.50	0.32	0.10
Langford, Mike	-1.11	-2.84	-0.58	1.46	-0.30	-1.18	-1.20
Lonsway, Chris	0.09	0.96	0.42	0.73	-0.30	-0.28	-0.20
Lopez, Frank	-0.31	1.52	0.42	-1.17	-0.30	-0.38	-0.20
Moore, Sean	-0.11	-3.15	0.42	3.05	-1.20	-0.18	-0.20
Pitta, Jimmy	0.09	0.71	-0.58	1.28	0.20	-1.08	0.80
Price, Gregory	-0.01	-0.66	0.42	0.18	-0.10	0.62	0.40
Reese, Kyle	-0.01	-1.22	0.42	1.03	-0.30	0.02	-0.20
Rodriguez, Jesus (Jesse)	0.09	-1.22	-0.08	-1.23	-0.30	0.12	-0.20
Sanchez, Arthur	0.09	0.65	-1.58	-0.68	0.70	-0.28	-0.20
Sanchez, Christopher	0.09	-0.41	-0.18	-1.11	-0.30	0.82	0.40
Terrado, Ken	0.09	0.40	0.42	1.09	-0.30	-0.88	-0.70
Zalewski, John	-0.01	-1.03	0.42	-0.74	-0.30	-0.48	-0.20
MAXIMUM	-0.31	1.52	-1.58	1.40	0.70	0.62	0.40
MINIMUM	-0.01	-0.10	-0.08	0.18	-0.10	0.12	0.10
RANGE(MAX-MIN)	-0.300	1.621	-1.500	1.223	0.800	0.500	0.300
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	0.136	1.000	0.736	1.000	0.381	0.356	0.250
N SIZE	21.000						

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

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	0.75	9.30	9.90	1.02	9.90	9.89	9.90
Barrera, Tony	0.77	9.07	9.90	1.15	9.90	9.90	9.98
Cales, Jonathon	0.75	8.73	9.93	1.07	9.89	9.85	9.95
De Armas, Raymond	0.75	9.62	9.89	1.25	9.90	9.89	9.90
DeCapite, Vanessa	0.74	9.06	9.87	1.38	9.93	9.90	9.95
Demel, Samuel	0.75	9.51	9.89	1.43	9.89	9.89	9.89
Dominguez, Lucio	0.75	9.12	9.89	0.80	9.90	9.99	10.00
Foecking, Brian	0.72	9.44	9.95	1.55	9.90	9.86	9.90
Kobrinetz, Joaquin J.	0.70	9.18	9.97	1.21	9.99	9.93	9.95
Langford, Mike	0.72	8.87	9.90	1.49	9.80	9.79	9.90
Lonsway, Chris	0.74	9.55	9.95	1.23	9.90	9.85	9.90
Lopez, Frank	0.75	9.33	9.90	0.99	9.90	9.84	9.90
Pitta, Jimmy	0.74	9.44	9.90	1.52	9.98	9.88	10.00
Reese, Kyle	0.75	9.01	9.90	1.47	9.90	9.88	9.90
Rodriguez, Jesus (Jesse)	0.75	8.75	9.85	0.99	9.90	9.89	9.90
Sanchez, Arthur	0.75	9.26	9.90	1.44	9.90	9.84	10.00
Sanchez, Christopher	0.78	9.00	9.90	1.30	9.90	9.96	9.98
Terrado, Ken	0.75	9.28	9.90	1.48	9.85	9.90	9.88
Zalewski, John	0.75	9.09	9.90	1.00	9.90	9.89	9.90
MAXIMUM	0.75	9.44	9.97	1.55	9.99	9.93	10.00
MINIMUM	0.70	8.73	9.85	0.99	9.89	9.84	9.90
RANGE(MAX-MIN)	0.050	0.710	0.120	0.560	0.100	0.090	0.100
MEAN	0.739	9.131	9.909	1.206	9.914	9.875	9.931
STANDARD DEVIATION	0.100	0.266	0.100	0.224	0.100	0.100	0.100
N SIZE	19.000						

Part ID= A6 - GMOD PISTON

A6 YI Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	THTOT	ATTOT
Aguirre, Nancy P	0.11	0.64	-0.09	-0.83	-0.14	0.15	-0.31
Barrera, Tony	0.31	-0.23	-0.09	-0.25	-0.14	0.25	0.49
Cales, Jonathon	0.11	-1.51	0.21	-0.61	-0.24	-0.25	0.19
De Armas, Raymond	0.11	1.84	-0.19	0.20	-0.14	0.15	-0.31
DeCapite, Vanessa	0.01	-0.27	-0.39	0.78	0.16	0.25	0.19
Demel, Samuel	0.11	1.43	-0.19	1.00	-0.24	0.15	-0.41
Dominguez, Lucio	0.11	-0.04	-0.19	-1.82	-0.14	1.15	0.69
Foecking, Brian	-0.19	1.16	0.41	1.54	-0.14	-0.15	-0.31
Kobrinetz, Joaquin J.	-0.39	0.18	0.61	0.02	0.76	0.55	0.19
Langford, Mike	-0.19	-0.98	-0.09	1.27	-1.14	-0.85	-0.31
Lonsway, Chris	0.01	1.58	0.41	0.11	-0.14	-0.25	-0.31
Lopez, Frank	0.11	0.75	-0.09	-0.97	-0.14	-0.35	-0.31
Pitta, Jimmy	0.01	1.16	-0.09	1.40	0.66	0.05	0.69
Reese, Kyle	0.11	-0.46	-0.09	1.18	-0.14	0.05	-0.31
Rodriguez, Jesus (Jesse)	0.11	-1.44	-0.59	-0.97	-0.14	0.15	-0.31
Sanchez, Arthur	0.11	0.48	-0.09	1.05	-0.14	-0.35	0.69
Sanchez, Christopher	0.41	-0.49	-0.09	0.42	-0.14	0.85	0.49
Terrado, Ken	0.11	0.56	-0.09	1.22	-0.64	0.25	-0.51
Zalewski, John	0.11	-0.16	-0.09	-0.92	-0.14	0.15	-0.31
MAXIMUM	-0.39	-1.51	0.61	1.54	0.76	0.55	0.69
MINIMUM	0.01	0.18	-0.09	0.02	-0.14	0.15	0.19
RANGE(MAX-MIN)	-0.400	-1.695	0.700	1.521	0.900	0.400	0.500
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	0.189	1.000	0.398	1.000	0.329	0.325	0.372
N SIZE	19.000						

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

Part ID= B1 - 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	9.80	1.08	4.25	9.90	9.90
Barrera, Tony	0.75	0.75	9.68	1.00	4.19	9.85	9.85
Bolaney, Jonathan	0.75	0.74	9.87	0.91	3.29	9.90	9.90
Caproni, David	0.75	0.79	9.80	0.95	4.62	9.90	9.90
Crane, Jeffrey	0.75	0.74	9.73	0.99	4.06	9.90	9.86
De Armas, Raymond	0.75	0.75	9.58	1.08	3.04	9.89	9.89
Dominguez, Lucio	0.75	0.75	9.74	1.04	4.19	9.90	9.90
Foecking, Brian	0.75	0.75	9.85	0.90	3.85	9.90	9.90
Kobrinetz, Joaquin J.	0.74	0.74	9.86	0.91	3.47	9.98	9.95
Langford, Mike	0.75	0.75	9.78	0.97	4.05	9.80	9.90
Lopez, Frank	0.74	0.74	9.88	0.83	5.26	9.90	9.90
Moore, Sean	0.75	0.75	9.78	0.93	4.18	9.82	9.82
Price, Gregory	0.74	0.74	9.81	0.91	3.82	9.94	9.93
Rodriguez, Edward	0.75	0.75	9.74	0.77	3.44	10.00	10.00
Rodriguez, Jesus (Jesse)	0.75	0.75	9.85	0.91	3.43	9.90	9.90
Trevino, Robert	0.75	0.74	9.81	1.06	4.50	9.94	9.93
Veiga, Victor	0.75	0.75	9.89	0.88	4.01	9.90	9.90
Zalewski, John	0.75	0.75	9.59	1.06	3.44	9.90	9.90
MAXIMUM	0.75	0.79	9.88	1.08	5.26	9.98	9.95
MINIMUM	0.74	0.74	9.80	0.83	3.29	9.90	9.90
RANGE(MAX-MIN)	0.010	0.050	0.080	0.250	1.970	0.080	0.050
MEAN	0.747	0.749	9.837	0.940	4.054	9.918	9.912
STANDARD DEVIATION	0.100	0.100	0.100	0.100	0.654	0.100	0.100
N SIZE	18.000						

Part ID= B1 - SEQUENCE IIIH PISTON

B1 YI Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	FRTOT	RRTOT
Aguirre, Nancy P	0.03	0.01	-0.37	1.40	0.30	-0.18	-0.12
Barrera, Tony	0.03	0.01	-1.57	0.60	0.21	-0.68	-0.62
Bolaney, Jonathan	0.03	-0.09	0.33	-0.30	-1.17	-0.18	-0.12
Caproni, David	0.03	0.41	-0.37	0.10	0.86	-0.18	-0.12
Crane, Jeffrey	0.03	-0.09	-1.07	0.50	0.01	-0.18	-0.52
De Armas, Raymond	0.03	0.01	-2.57	1.40	-1.55	-0.28	-0.22
Dominguez, Lucio	0.03	0.01	-0.97	1.00	0.21	-0.18	-0.12
Foecking, Brian	0.03	0.01	0.13	-0.40	-0.31	-0.18	-0.12
Kobrinetz, Joaquin J.	-0.07	-0.09	0.23	-0.30	-0.89	0.62	0.38
Langford, Mike	0.03	0.01	-0.57	0.30	-0.01	-1.18	-0.12
Lopez, Frank	-0.07	-0.09	0.43	-1.10	1.84	-0.18	-0.12
Moore, Sean	0.03	0.01	-0.57	-0.10	0.19	-0.98	-0.92
Price, Gregory	-0.07	-0.09	-0.27	-0.30	-0.36	0.22	0.18
Rodriguez, Edward	0.03	0.01	-0.97	-1.70	-0.94	0.82	0.88
Rodriguez, Jesus (Jesse)	0.03	0.01	0.13	-0.30	-0.95	-0.18	-0.12
Trevino, Robert	0.03	-0.09	-0.27	1.20	0.68	0.22	0.18
Veiga, Victor	0.03	0.01	0.53	-0.60	-0.07	-0.18	-0.12
Zalewski, John	0.03	0.01	-2.47	1.20	-0.94	-0.18	-0.12
MAXIMUM	-0.07	-0.09	0.43	1.40	1.84	0.62	0.38
MINIMUM	0.03	0.01	0.13	0.10	0.30	-0.18	-0.12
RANGE(MAX-MIN)	-0.100	-0.100	0.300	1.300	1.544	0.800	0.500
MEAN	0.000	-0.051	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	0.100	0.100	0.316	0.802	1.000	0.291	0.192
N SIZE	18.000						

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

Part ID= B2 - 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	1.60	9.66	3.41	1.96	9.90	9.90
Barrera, Tony	0.75	1.73	9.71	3.31	1.69	9.85	9.88
Bolaney, Jonathan	0.75	1.59	9.90	2.66	1.35	9.90	9.90
Caproni, David	0.74	1.45	9.80	4.13	2.59	9.90	9.90
Crane, Jeffrey	0.73	1.61	9.78	2.89	1.85	9.90	9.90
De Armas, Raymond	0.75	1.66	9.72	2.76	1.50	9.90	9.90
Dominguez, Lucio	0.75	1.16	9.80	1.80	1.30	9.89	9.89
Foecking, Brian	0.75	1.67	9.90	2.85	1.65	9.90	9.90
Kobrinetz, Joaquin J.	0.75	1.90	9.90	3.01	1.61	9.83	9.86
Langford, Mike	0.73	1.37	9.62	2.50	1.41	9.90	9.90
Lopez, Frank	0.75	1.56	9.90	2.39	1.62	9.90	9.90
Moore, Sean	0.75	2.22	9.84	2.66	2.02	9.89	9.89
Price, Gregory	0.74	1.29	9.82	2.35	1.34	9.88	9.92
Rodriguez, Edward	0.75	1.59	9.92	2.12	1.43	9.99	10.00
Rodriguez, Jesus (Jesse)	0.73	1.87	9.86	2.70	1.51	9.90	9.90
Trevino, Robert	0.73	2.25	9.88	2.03	2.03	9.94	9.93
Zalewski, John	0.75	2.19	9.70	2.59	1.69	9.89	9.90
MAXIMUM	0.75	2.25	9.90	4.13	2.59	9.94	9.93
MINIMUM	0.73	1.29	9.66	2.03	1.34	9.83	9.86
RANGE(MAX-MIN)	0.020	0.960	0.240	2.100	1.250	0.110	0.070
MEAN	0.743	1.687	9.847	2.837	1.740	9.894	9.901
STANDARD DEVIATION	0.100	0.284	0.100	0.629	0.397	0.100	0.100
N SIZE	17.000						

Part ID= B2 - SEQUENCE IIIH PISTON

B2 YI Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	FRTOT	RRTOT
Aguirre, Nancy P	0.07	-0.31	-1.87	0.91	0.55	0.06	-0.01
Barrera, Tony	0.07	0.15	-1.37	0.75	-0.13	-0.44	-0.21
Bolaney, Jonathan	0.07	-0.34	0.53	-0.28	-0.98	0.06	-0.01
Caproni, David	-0.03	-0.83	-0.47	2.06	2.14	0.06	-0.01
Crane, Jeffrey	-0.13	-0.27	-0.67	0.08	0.28	0.06	-0.01
De Armas, Raymond	0.07	-0.09	-1.27	-0.12	-0.60	0.06	-0.01
Dominguez, Lucio	0.07	-1.86	-0.47	-1.65	-1.11	-0.04	-0.11
Foecking, Brian	0.07	-0.06	0.53	0.02	-0.23	0.06	-0.01
Kobrinetz, Joaquin J.	0.07	0.75	0.53	0.28	-0.33	-0.64	-0.41
Langford, Mike	-0.13	-1.12	-2.27	-0.53	-0.83	0.06	-0.01
Lopez, Frank	0.07	-0.45	0.53	-0.71	-0.30	0.06	-0.01
Moore, Sean	0.07	1.88	-0.07	-0.28	0.71	-0.04	-0.11
Price, Gregory	-0.03	-1.40	-0.27	-0.77	-1.01	-0.14	0.19
Rodriguez, Edward	0.07	-0.34	0.73	-1.14	-0.78	0.96	0.99
Rodriguez, Jesus (Jesse)	-0.13	0.65	0.13	-0.22	-0.58	0.06	-0.01
Trevino, Robert	-0.13	1.99	0.33	-1.28	0.73	0.46	0.29
Zalewski, John	0.07	1.78	-1.47	-0.39	-0.13	-0.04	-0.01
MAXIMUM	-0.13	1.99	-1.87	2.06	2.14	-0.64	-0.41
MINIMUM	-0.03	-0.06	0.13	0.02	-0.23	0.06	-0.01
RANGE(MAX-MIN)	-0.100	2.046	-2.000	2.034	2.369	-0.700	-0.400
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	0.100	1.000	0.794	1.000	1.000	0.288	0.190
N SIZE	17.000						

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

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
Aguirre, Nancy P	0.95	0.74	9.76	1.07	3.69	9.90	9.90
Barrera, Tony	1.44	0.73	9.73	1.03	3.58	9.86	9.88
Bolaney, Jonathan	1.08	0.72	9.84	1.21	3.33	9.90	9.90
Caproni, David	1.24	0.77	9.70	1.15	3.64	9.90	9.90
Crane, Jeffrey	1.12	0.72	9.68	1.06	3.69	9.88	9.85
De Armas, Raymond	1.12	0.74	9.48	4.53	2.55	9.90	9.90
Foecking, Brian	0.79	0.74	9.87	1.25	3.53	9.90	9.90
Kobrinetz, Joaquin J.	1.09	0.71	9.81	1.03	3.68	9.89	9.89
Langford, Mike	0.75	0.71	9.66	1.03	2.46	9.80	9.90
Lopez, Frank	0.75	0.68	9.85	0.99	3.45	9.90	9.90
Moore, Sean	1.02	0.73	9.81	1.23	3.47	9.85	9.77
Price, Gregory	1.04	0.73	9.69	1.12	3.76	9.92	9.92
Rodriguez, Edward	0.75	0.75	9.54	1.02	3.21	9.98	9.99
Rodriguez, Jesus (Jesse)	0.75	0.75	9.80	1.07	3.29	9.85	9.85
Trevino, Robert	1.06	0.75	9.79	1.03	3.96	9.94	9.93
Veiga, Victor	0.83	0.74	9.87	0.91	3.47	9.88	9.90
Zalewski, John	1.02	0.75	9.68	1.25	3.62	9.90	9.90
MAXIMUM	1.24	0.77	9.87	1.25	3.96	9.94	9.93
MINIMUM	0.75	0.68	9.69	0.99	3.29	9.85	9.85
RANGE(MAX-MIN)	0.490	0.090	0.180	0.260	0.670	0.090	0.080
MEAN	0.972	0.732	9.790	1.102	3.592	9.900	9.899
STANDARD DEVIATION	0.174	0.100	0.100	0.100	0.214	0.100	0.100
N SIZE	17.000						

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
Aguirre, Nancy P	-0.13	0.08	-0.30	-0.32	0.46	0.00	0.01
Barrera, Tony	2.69	-0.02	-0.60	-0.72	-0.06	-0.40	-0.19
Bolaney, Jonathan	0.62	-0.12	0.50	1.08	-1.22	0.00	0.01
Caproni, David	1.54	0.38	-0.90	0.48	0.22	0.00	0.01
Crane, Jeffrey	0.85	-0.12	-1.10	-0.42	0.46	-0.20	-0.49
De Armas, Raymond	0.85	0.08	-3.10	4.28	-4.87	0.00	0.01
Foecking, Brian	-1.05	0.08	0.80	1.48	-0.29	0.00	0.01
Kobrinetz, Joaquin J.	0.68	-0.22	0.20	-0.72	0.41	-0.10	-0.09
Langford, Mike	-1.28	-0.22	-1.30	-0.72	-5.29	-1.00	0.01
Lopez, Frank	-1.28	-0.52	0.60	-1.12	-0.66	0.00	0.01
Moore, Sean	0.27	-0.02	0.20	1.28	-0.57	-0.50	-1.29
Price, Gregory	0.39	-0.02	-1.00	0.18	0.78	0.20	0.21
Rodriguez, Edward	-1.28	0.18	-2.50	-0.82	-1.78	0.80	0.91
Rodriguez, Jesus (Jesse)	-1.28	0.18	0.10	-0.32	-1.41	-0.50	-0.49
Trevino, Robert	0.50	0.18	0.00	-0.72	1.72	0.40	0.31
Veiga, Victor	-0.82	0.08	0.80	-1.92	-0.57	-0.20	0.01
Zalewski, John	0.27	0.18	-1.10	1.48	0.13	0.00	0.01
MAXIMUM	1.54	-0.52	-1.00	1.48	1.72	-0.50	-0.49
MINIMUM	-0.13	-0.02	0.00	0.18	0.22	0.00	0.01
RANGE(MAX-MIN)	1.668	-0.500	-1.000	1.300	1.494	-0.500	-0.500
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	0.264	0.632	0.874	1.000	0.240	0.220
N SIZE	17.000						

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

Part ID= B4 - 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	0.75	7.37	9.70	2.55	9.68	9.89	9.90
Barrera, Tony	0.72	6.42	9.65	2.72	9.65	9.93	9.95
Bolaney, Jonathan	0.78	6.59	9.76	2.39	9.83	9.89	9.90
Caproni, David	0.76	7.44	9.58	3.14	9.74	9.90	9.90
Crane, Jeffrey	0.74	6.47	9.59	2.60	9.60	9.87	9.90
De Armas, Raymond	0.81	6.88	9.37	2.83	9.68	9.90	9.90
Foecking, Brian	0.76	6.39	9.64	2.82	9.86	9.87	9.95
Kobrinetz, Joaquin J.	0.75	6.81	9.34	2.74	9.69	9.94	9.97
Langford, Mike	0.73	6.63	9.32	1.86	9.73	9.80	9.90
Lopez, Frank	0.75	6.67	9.63	2.53	9.78	9.90	9.90
Moore, Sean	0.91	6.18	9.49	2.79	9.59	9.89	9.90
Rodriguez, Edward	0.75	6.36	9.50	2.20	9.77	9.99	10.00
Rodriguez, Jesus (Jesse)	0.75	6.30	9.55	2.19	9.66	9.90	9.90
Trevino, Robert	0.75	7.39	9.63	3.19	9.75	9.92	9.94
Veiga, Victor	0.77	7.06	9.74	2.25	9.65	9.88	9.90
Zalewski, John	0.80	6.84	9.69	2.64	9.77	9.90	9.90
MAXIMUM	0.78	7.44	9.76	3.19	9.86	9.94	9.97
MINIMUM	0.75	6.30	9.34	2.19	9.66	9.87	9.90
RANGE(MAX-MIN)	0.030	1.140	0.420	1.000	0.200	0.070	0.070
MEAN	0.756	6.870	9.604	2.694	9.749	9.901	9.920
STANDARD DEVIATION	0.100	0.466	0.125	0.350	0.100	0.100	0.100
N SIZE	16.000						

Part ID= B4 - GMOD PISTON

B4 YI Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	THTOT	ATTOT
Aguirre, Nancy P	-0.06	1.07	0.77	-0.41	-0.69	-0.11	-0.20
Barrera, Tony	-0.36	-0.96	0.37	0.08	-0.99	0.29	0.30
Bolaney, Jonathan	0.24	-0.60	1.25	-0.87	0.81	-0.11	-0.20
Caproni, David	0.04	1.22	-0.19	1.28	-0.09	-0.01	-0.20
Crane, Jeffrey	-0.16	-0.86	-0.11	-0.27	-1.49	-0.31	-0.20
De Armas, Raymond	0.54	0.02	-1.87	0.39	-0.69	-0.01	-0.20
Foecking, Brian	0.04	-1.03	0.29	0.36	1.11	-0.31	0.30
Kobrinetz, Joaquin J.	-0.06	-0.13	-2.11	0.13	-0.59	0.39	0.50
Langford, Mike	-0.26	-0.51	-2.27	-2.38	-0.19	-1.01	-0.20
Lopez, Frank	-0.06	-0.43	0.21	-0.47	0.31	-0.01	-0.20
Moore, Sean	1.54	-1.48	-0.91	0.28	-1.59	-0.11	-0.20
Rodriguez, Edward	-0.06	-1.09	-0.83	-1.41	0.21	0.89	0.80
Rodriguez, Jesus (Jesse)	-0.06	-1.22	-0.43	-1.44	-0.89	-0.01	-0.20
Trevino, Robert	-0.06	1.12	0.21	1.42	0.01	0.19	0.20
Veiga, Victor	0.14	0.41	1.09	-1.27	-0.99	-0.21	-0.20
Zalewski, John	0.44	-0.06	0.69	-0.15	0.21	-0.01	-0.20
MAXIMUM	0.24	1.22	-2.11	-1.44	1.11	0.39	0.50
MINIMUM	0.04	-0.13	-0.19	0.13	0.01	-0.01	-0.20
RANGE(MAX-MIN)	0.200	1.351	-1.920	-1.572	1.100	0.400	0.700
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	0.106	1.000	1.000	1.000	0.718	0.210	0.288
N SIZE	16.000						

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

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
Aguirre, Nancy P	0.79	9.55	9.81	0.89	9.69	9.71	9.81
Barrera, Tony	0.77	9.39	9.81	0.88	9.81	9.81	9.88
Bolaney, Jonathan	0.78	9.59	9.87	0.84	9.83	9.46	9.70
Caproni, David	0.79	9.72	9.70	0.98	9.78	9.56	9.80
Crane, Jeffrey	0.81	9.30	9.74	0.87	9.69	9.62	9.78
De Armas, Raymond	0.80	9.63	9.83	1.06	9.73	9.75	9.85
Dominguez, Lucio	0.78	9.57	9.80	0.79	9.80	9.68	9.86
Foecking, Brian	0.78	9.71	9.89	0.82	9.78	9.32	9.82
Kobrinetz, Joaquin J.	0.79	9.62	9.78	0.85	9.85	9.49	9.82
Langford, Mike	0.74	9.19	9.80	4.33	9.80	9.78	9.80
Lopez, Frank	0.75	9.70	9.86	0.86	9.88	9.58	9.78
Moore, Sean	0.78	9.31	9.86	1.09	9.73	9.66	9.81
Price, Gregory	0.80	9.36	9.89	0.95	9.88	9.75	9.89
Rodriguez, Edward	0.76	9.16	9.78	0.82	9.88	9.64	9.93
Rodriguez, Jesus (Jesse)	0.78	9.29	9.84	0.84	9.79	9.54	9.83
Sanchez, Christopher	0.84	9.57	9.94	0.89	9.78	9.77	9.92
Trevino, Robert	0.82	9.51	9.85	0.90	9.81	9.80	9.90
Veiga, Victor	0.78	9.70	9.87	0.85	9.88	9.36	9.78
Zalewski, John	0.80	9.46	9.68	0.87	9.84	9.48	9.80
MAXIMUM	0.82	9.72	9.89	0.98	9.88	9.80	9.90
MINIMUM	0.75	9.29	9.70	0.82	9.69	9.32	9.70
RANGE(MAX-MIN)	0.070	0.430	0.190	0.160	0.190	0.480	0.200
MEAN	0.787	9.561	9.832	0.881	9.810	9.579	9.817
STANDARD DEVIATION	0.100	0.153	0.100	0.100	0.100	0.153	0.100
N SIZE	19,000						

Part ID= B5 - GMOD PISTON

B5 YI Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	THTOT	ATTOT
Aguirre, Nancy P	0.03	-0.07	-0.22	0.09	-1.20	0.86	-0.07
Barrera, Tony	-0.17	-1.12	-0.22	-0.01	0.00	1.51	0.63
Bolaney, Jonathan	-0.07	0.19	0.38	-0.41	0.20	-0.78	-1.17
Caproni, David	0.03	1.04	-1.32	0.99	-0.30	-0.12	-0.17
Crane, Jeffrey	0.23	-1.70	-0.92	-0.11	-1.20	0.27	-0.37
De Armas, Raymond	0.13	0.45	-0.02	1.79	-0.80	1.12	0.33
Dominguez, Lucio	-0.07	0.06	-0.32	-0.91	-0.10	0.66	0.43
Foecking, Brian	-0.07	0.97	0.58	-0.61	-0.30	-1.70	0.03
Kobrinetz, Joaquin J.	0.03	0.38	-0.52	-0.31	0.40	-0.58	0.03
Langford, Mike	-0.47	-2.42	-0.32	4.49	-0.10	1.32	-0.17
Lopez, Frank	-0.37	0.91	0.28	-0.21	0.70	0.01	-0.37
Moore, Sean	-0.07	-1.64	0.28	2.09	-0.80	0.53	-0.07
Price, Gregory	0.13	-1.31	0.58	0.69	0.70	1.12	0.73
Rodriguez, Edward	-0.27	-2.62	-0.52	-0.61	0.70	0.40	1.13
Rodriguez, Jesus (Jesse)	-0.07	-1.77	0.08	-0.41	-0.20	-0.25	0.13
Sanchez, Christopher	0.53	0.06	1.08	0.09	-0.30	1.25	1.03
Trevino, Robert	0.33	-0.33	0.18	0.19	0.00	1.45	0.83
Veiga, Victor	-0.07	0.91	0.38	-0.31	0.70	-1.43	-0.37
Zalewski, John	0.13	-0.66	-1.52	-0.11	0.30	-0.65	-0.17
MAXIMUM	-0.37	-1.77	-1.32	0.99	-1.20	-1.70	-1.17
MINIMUM	0.03	-0.07	0.08	0.09	0.00	0.01	0.03
RANGE(MAX-MIN)	-0.400	-1.698	-1.400	0.900	-1.200	-1.704	-1.200
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	0.187	1.000	0.612	0.542	0.596	1.000	0.589
N SIZE	19,000						

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

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
Aguirre, Nancy P	0.77	8.83	9.64	3.57	9.83	9.89	9.90
Barrera, Tony	0.80	8.88	9.81	3.42	9.80	9.91	9.99
Bolaney, Jonathan	0.75	8.55	9.83	2.72	9.86	9.90	9.90
Caproni, David	0.76	9.40	9.70	3.07	9.68	9.90	9.90
Crane, Jeffrey	0.79	8.32	9.69	3.02	9.72	9.89	9.90
De Armas, Raymond	0.93	8.86	9.57	3.36	9.72	9.90	9.90
Foecking, Brian	0.78	9.44	9.88	2.79	9.90	9.89	9.95
Kobrinetz, Joaquin J.	0.78	8.67	9.73	3.37	9.81	9.92	9.94
Langford, Mike	0.74	9.02	9.80	4.35	9.90	9.86	9.90
Lopez, Frank	0.75	9.21	9.73	3.57	9.79	9.80	9.90
Moore, Sean	0.84	8.49	9.77	3.42	9.85	9.90	9.90
Price, Gregory	0.75	8.59	9.70	2.87	9.91	9.95	9.97
Rodriguez, Edward	0.75	7.93	9.64	2.81	9.85	9.99	10.00
Rodriguez, Jesus (Jesse)	0.75	7.86	9.83	2.63	9.88	9.90	9.90
Trevino, Robert	0.79	8.66	9.78	3.89	9.81	9.92	9.94
Veiga, Victor	0.59	9.28	9.86	2.57	9.85	9.86	9.90
Zalewski, John	1.01	8.58	9.66	2.64	9.73	9.95	10.00
MAXIMUM	0.79	9.44	9.88	3.89	9.91	9.95	9.97
MINIMUM	0.75	7.86	9.64	2.63	9.68	9.80	9.90
RANGE(MAX-MIN)	0.040	1.580	0.240	1.260	0.230	0.150	0.070
MEAN	0.764	8.801	9.758	3.164	9.830	9.897	9.922
STANDARD DEVIATION	0.100	0.496	0.100	0.450	0.100	0.100	0.100
N SIZE	17.000						

Part ID= B6 - GMOD PISTON

B6 YI Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	THTOT	ATTOT
Aguirre, Nancy P	0.06	0.06	-1.18	0.90	0.00	-0.07	-0.22
Barrera, Tony	0.36	0.16	0.52	0.57	-0.30	0.13	0.68
Bolaney, Jonathan	-0.14	-0.51	0.72	-0.99	0.30	0.03	-0.22
Caproni, David	-0.04	1.21	-0.58	-0.21	-1.50	0.03	-0.22
Crane, Jeffrey	0.26	-0.97	-0.68	-0.32	-1.10	-0.07	-0.22
De Armas, Raymond	1.66	0.12	-1.88	0.44	-1.10	0.03	-0.22
Foecking, Brian	0.16	1.29	1.22	-0.83	0.70	-0.07	0.28
Kobrinetz, Joaquin J.	0.16	-0.26	-0.28	0.46	-0.20	0.23	0.18
Langford, Mike	-0.24	0.44	0.42	-4.04	0.70	-0.37	-0.22
Lopez, Frank	-0.14	0.83	-0.28	0.90	-0.40	-0.97	-0.22
Moore, Sean	0.76	-0.63	0.12	0.57	0.20	0.03	-0.22
Price, Gregory	-0.14	-0.43	-0.58	-0.66	0.80	0.53	0.48
Rodriguez, Edward	-0.14	-1.76	-1.18	-0.79	0.20	0.93	0.78
Rodriguez, Jesus (Jesse)	-0.14	-1.90	0.72	-1.19	0.50	0.03	-0.22
Trevino, Robert	0.26	-0.28	0.22	1.61	-0.20	0.23	0.18
Veiga, Victor	-1.74	0.97	1.02	-1.32	0.20	-0.37	-0.22
Zalewski, John	2.46	-0.45	-0.98	-1.17	-1.00	0.53	0.78
MAXIMUM	0.26	-1.90	1.22	1.61	-1.50	-0.97	0.48
MINIMUM	-0.04	0.06	0.22	-0.21	0.00	0.03	0.18
RANGE(MAX-MIN)	0.300	-1.957	1.000	1.824	-1.500	-1.000	0.300
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	0.159	1.000	0.774	1.000	0.704	0.409	0.277
N SIZE	17.000						

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

Part ID= C1 - SEQUENCE IIIH PISTON

Rated Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	FRTOT	RRTOT
Bolaney, Jonathan	1.03	0.75	9.05	1.57	1.72	9.90	9.90
Cales, Jonathon	0.89	0.75	9.75	1.70	2.06	9.95	9.95
Caproni, David	0.81	0.75	9.85	1.46	2.45	9.90	9.90
Crane, Jeffrey	0.78	0.75	9.67	1.91	2.24	9.90	9.89
DeCapite, Vanessa	0.98	0.75	9.56	1.73	2.04	9.90	9.90
Dominguez, Lucio	0.82	0.75	9.79	1.59	1.86	10.00	10.00
Kobrinetz, Joaquin J.	0.88	0.74	9.85	1.66	2.24	9.95	9.95
Price, Gregory	0.85	0.74	9.85	1.67	2.27	9.89	9.90
Reese, Kyle	0.79	0.75	9.43	1.58	1.95	9.88	9.90
Rodriguez, Edward	0.75	0.75	9.75	1.30	1.86	10.00	10.00
Sanchez, Arthur	0.88	0.75	9.89	1.92	2.24	9.90	9.90
Trevino, Robert	0.95	0.74	9.78	1.74	2.41	9.94	9.92
Veiga, Victor	0.88	0.75	9.88	1.52	1.83	9.90	9.90
MAXIMUM	1.03	0.75	9.89	1.92	2.45	9.95	9.95
MINIMUM	0.81	0.74	9.05	1.46	1.72	9.89	9.90
RANGE(MAX-MIN)	0.220	0.010	0.840	0.460	0.730	0.060	0.050
MEAN	0.909	0.746	9.698	1.681	2.179	9.916	9.915
STANDARD DEVIATION	0.100	0.100	0.281	0.134	0.235	0.100	0.100
N SIZE	13.000						

Part ID= C1 - SEQUENCE IIIH PISTON

C1 Y1 Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	FRTOT	RRTOT
Bolaney, Jonathan	1.21	0.04	-2.30	-0.83	-1.95	-0.16	-0.15
Cales, Jonathon	-0.19	0.04	0.19	0.14	-0.51	0.34	0.35
Caproni, David	-0.99	0.04	0.54	-1.66	1.15	-0.16	-0.15
Crane, Jeffrey	-1.29	0.04	-0.10	1.71	0.26	-0.16	-0.25
DeCapite, Vanessa	0.71	0.04	-0.49	0.36	-0.59	-0.16	-0.15
Dominguez, Lucio	-0.89	0.04	0.33	-0.68	-1.36	0.84	0.85
Kobrinetz, Joaquin J.	-0.29	-0.06	0.54	-0.16	0.26	0.34	0.35
Price, Gregory	-0.59	-0.06	0.54	-0.08	0.39	-0.26	-0.15
Reese, Kyle	-1.19	0.04	-0.95	-0.76	-0.97	-0.36	-0.15
Rodriguez, Edward	-1.59	0.04	0.19	-2.85	-1.36	0.84	0.85
Sanchez, Arthur	-0.29	0.04	0.68	1.79	0.26	-0.16	-0.15
Trevino, Robert	0.41	-0.06	0.29	0.44	0.98	0.24	0.05
Veiga, Victor	-0.29	0.04	0.65	-1.21	-1.48	-0.16	-0.15
MAXIMUM	1.21	-0.06	-2.30	1.79	-1.95	0.34	0.35
MINIMUM	-0.19	0.04	0.19	-0.08	0.26	-0.16	0.05
RANGE(MAX-MIN)	1.400	-0.100	-2.487	1.870	-2.212	0.500	0.300
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	0.724	0.100	1.000	1.000	1.000	0.256	0.227
N SIZE	13.000						

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

Part ID= C2 - SEQUENCE IIIH PISTON

Rated Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	FRTOT	RRTOT	
Bolaney, Jonathan	1.14	0.75	9.88	3.00	1.73	9.90	9.90	
Cales, Jonathon	1.58	0.75	9.87	2.22	1.74	9.89	9.90	
Caproni, David	1.21	0.75	9.90	3.35	2.12	9.90	9.90	
Crane, Jeffrey	1.29	0.74	9.77	3.19	1.96	9.88	9.89	
DeCapite, Vanessa	1.20	0.75	9.70	3.15	1.80	9.90	9.90	
Kobrinetz, Joaquin J.	1.67	0.74	9.93	3.59	2.07	9.92	9.94	
Moore, Sean	1.74	0.75	9.86	2.18	2.37	9.99	9.88	
Price, Gregory	0.94	0.75	9.86	2.95	2.05	9.90	9.91	
Reese, Kyle	1.02	0.75	9.77	2.02	1.23	9.89	9.89	
Rodriguez, Edward	0.93	0.75	9.80	2.83	1.49	9.98	9.99	
Sanchez, Arthur	1.30	0.75	9.90	3.34	2.07	9.90	9.90	
Trevino, Robert	1.20	0.75	9.88	3.14	2.28	9.94	9.93	
MAXIMUM	1.67	0.75	9.93	3.59	2.28	9.94	9.94	
MINIMUM	0.94	0.74	9.70	2.22	1.73	9.89	9.90	
RANGE(MAX-MIN)	0.730	0.010	0.230	1.370	0.550	0.050	0.040	
MEAN	1.280	0.749	9.865	3.093	1.983	9.906	9.910	
STANDARD DEVIATION	0.238	0.100	0.100	0.409	0.201	0.100	0.100	
N SIZE	12.000							

Part ID= C2 - SEQUENCE IIIH PISTON

C2 YI Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	FRTOT	RRTOT	
Bolaney, Jonathan	-0.59	0.01	0.15	-0.23	-1.26	-0.06	-0.10	
Cales, Jonathon	1.26	0.01	0.05	-2.13	-1.21	-0.16	-0.10	
Caproni, David	-0.29	0.01	0.35	0.63	0.68	-0.06	-0.10	
Crane, Jeffrey	0.04	-0.09	-0.95	0.24	-0.11	-0.26	-0.20	
DeCapite, Vanessa	-0.34	0.01	-1.65	0.14	-0.91	-0.06	-0.10	
Kobrinetz, Joaquin J.	1.64	-0.09	0.65	1.22	0.44	0.14	0.30	
Moore, Sean	1.94	0.01	-0.05	-2.23	1.93	0.84	-0.30	
Price, Gregory	-1.43	0.01	-0.05	-0.35	0.34	-0.06	0.00	
Reese, Kyle	-1.09	0.01	-0.95	-2.62	-3.74	-0.16	-0.20	
Rodriguez, Edward	-1.47	0.01	-0.65	-0.64	-2.45	0.74	0.80	
Sanchez, Arthur	0.08	0.01	0.35	0.61	0.44	-0.06	-0.10	
Trevino, Robert	-0.34	0.01	0.15	0.12	1.48	0.34	0.20	
MAXIMUM	1.64	-0.09	-1.65	-2.13	1.48	0.34	0.30	
MINIMUM	0.08	0.01	0.05	0.12	0.34	-0.06	0.00	
RANGE(MAX-MIN)	1.557	-0.100	-1.700	-2.250	1.144	0.400	0.300	
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
STANDARD DEVIATION	1.000	0.100	0.701	1.000	1.000	0.160	0.160	
N SIZE	12.000							

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

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
Bolaney, Jonathan	0.92	0.75	9.82	0.77	3.02	9.84	9.87
Cales, Jonathon	0.97	0.75	9.46	0.81	3.28	9.87	9.88
Caproni, David	0.75	0.75	9.48	0.82	3.98	9.90	9.90
Crane, Jeffrey	0.82	0.74	9.57	0.79	3.83	9.87	9.87
DeCapite, Vanessa	0.98	0.75	9.42	0.86	3.28	9.90	9.90
Dominguez, Lucio	0.82	0.75	9.19	0.72	2.99	9.89	9.89
Kobrinetz, Joaquin J.	0.98	0.74	9.50	0.79	3.50	9.78	9.80
Price, Gregory	0.78	0.75	9.67	0.78	3.63	9.88	9.89
Reese, Kyle	0.79	0.71	9.13	0.82	2.97	9.62	9.75
Rodriguez, Edward	0.80	0.75	9.40	0.76	3.04	9.91	9.93
Sanchez, Arthur	1.00	0.75	9.87	0.79	3.45	9.87	9.90
Trevino, Robert	1.13	0.75	9.64	0.78	3.92	9.91	9.88
MAXIMUM	1.13	0.75	9.87	0.86	3.98	9.91	9.90
MINIMUM	0.75	0.74	9.42	0.77	3.02	9.78	9.80
RANGE(MAX-MIN)	0.380	0.010	0.450	0.090	0.960	0.130	0.100
MEAN	0.939	0.749	9.608	0.800	3.508	9.869	9.878
STANDARD DEVIATION	0.123	0.100	0.171	0.100	0.328	0.100	0.100
N SIZE	12.000						

Part ID= C3 - SEQUENCE IIIH PISTON

C3 Yi Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	FRTOT	RRTOT
Bolaney, Jonathan	-0.15	0.01	1.25	-0.30	-1.49	-0.29	-0.08
Cales, Jonathon	0.25	0.01	-0.86	0.10	-0.69	0.01	0.03
Caproni, David	-1.53	0.01	-0.75	0.20	1.44	0.31	0.23
Crane, Jeffrey	-0.97	-0.09	-0.22	-0.10	0.98	0.01	-0.08
DeCapite, Vanessa	0.34	0.01	-1.10	0.60	-0.69	0.31	0.23
Dominguez, Lucio	-0.97	0.01	-2.45	-0.80	-1.58	0.21	0.13
Kobrinetz, Joaquin J.	0.34	-0.09	-0.63	-0.10	-0.02	-0.89	-0.78
Price, Gregory	-1.29	0.01	0.37	-0.20	0.37	0.11	0.13
Reese, Kyle	-1.21	-0.39	-2.80	0.20	-1.64	-2.49	-1.28
Rodriguez, Edward	-1.13	0.01	-1.22	-0.40	-1.43	0.41	0.53
Sanchez, Arthur	0.50	0.01	1.54	-0.10	-0.18	0.01	0.23
Trevino, Robert	1.56	0.01	0.19	-0.20	1.26	0.41	0.03
MAXIMUM	1.56	-0.09	1.54	0.60	-1.49	-0.89	-0.78
MINIMUM	-0.15	0.01	0.19	0.10	-0.02	0.01	0.03
RANGE(MAX-MIN)	1.708	-0.100	1.348	0.500	-1.464	-0.900	-0.800
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	0.100	1.000	0.293	1.000	0.422	0.333
N SIZE	12.000						

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

Part ID= C4 - GMOD PISTON

Rated Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	THTOT	ATTOT
Bolaney, Jonathan	0.74	8.28	9.06	0.84	9.60	9.82	9.90
Cales, Jonathon	0.72	7.62	8.08	0.82	9.18	9.86	9.90
Caproni, David	0.71	8.13	8.36	0.96	9.10	9.90	9.90
Crane, Jeffrey	0.72	8.16	8.54	0.72	9.40	9.88	9.90
DeCapite, Vanessa	0.74	7.27	7.93	0.99	9.12	9.86	9.93
Kobrinetz, Joaquin J.	0.71	7.69	8.51	0.83	9.29	9.91	9.95
Price, Gregory	0.73	8.25	8.91	0.83	9.23	9.95	9.96
Reese, Kyle	0.74	7.82	7.84	0.90	8.67	9.86	9.90
Rodriguez, Edward	0.75	7.69	8.28	0.75	9.19	9.93	10.00
Sanchez, Arthur	0.75	8.11	8.76	0.83	9.55	9.88	9.90
Trevino, Robert	0.75	8.28	8.98	0.83	9.49	9.86	9.94
MAXIMUM	0.75	8.28	9.06	0.99	9.60	9.95	9.96
MINIMUM	0.71	7.27	7.93	0.82	9.10	9.82	9.90
RANGE(MAX-MIN)	0.040	1.010	1.130	0.170	0.500	0.130	0.060
MEAN	0.731	7.954	8.574	0.866	9.320	9.880	9.923
STANDARD DEVIATION	0.100	0.379	0.424	0.100	0.199	0.100	0.100
N SIZE	11.000						

Part ID= C4 - GMOD PISTON

C4 Y1 Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	THTOT	ATTOT
Bolaney, Jonathan	0.09	0.86	1.15	-0.26	1.41	-0.60	-0.23
Cales, Jonathon	-0.11	-0.88	-1.17	-0.46	-0.70	-0.20	-0.23
Caproni, David	-0.21	0.47	-0.50	0.94	-1.11	0.20	-0.23
Crane, Jeffrey	-0.11	0.54	-0.08	-1.46	0.40	0.00	-0.23
DeCapite, Vanessa	0.09	-1.80	-1.52	1.24	-1.01	-0.20	0.08
Kobrinetz, Joaquin J.	-0.21	-0.70	-0.15	-0.36	-0.15	0.30	0.28
Price, Gregory	-0.01	0.78	0.79	-0.36	-0.45	0.70	0.38
Reese, Kyle	0.09	-0.35	-1.73	0.34	-3.27	-0.20	-0.23
Rodriguez, Edward	0.19	-0.70	-0.69	-1.16	-0.65	0.50	0.78
Sanchez, Arthur	0.19	0.41	0.44	-0.36	1.16	0.00	-0.23
Trevino, Robert	0.19	0.86	0.96	-0.36	0.85	-0.20	0.18
MAXIMUM	-0.21	-1.80	-1.52	1.24	1.41	0.70	0.38
MINIMUM	-0.01	0.41	-0.15	-0.26	-0.15	0.00	0.08
RANGE(MAX-MIN)	-0.200	-2.217	-1.369	1.500	1.558	0.700	0.300
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	0.164	1.000	1.000	0.678	1.000	0.396	0.255
N SIZE	11.000						

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

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
Bolaney, Jonathan	0.75	7.48	9.79	1.11	9.83	9.80	9.90
Cales, Jonathon	0.71	7.36	8.85	1.02	9.43	9.87	9.91
Caproni, David	0.68	7.60	9.38	1.51	9.57	9.90	9.90
Crane, Jeffrey	0.73	7.22	9.43	1.20	9.58	9.88	9.89
DeCapite, Vanessa	0.75	6.85	8.39	1.38	9.41	9.89	9.93
Kobrinetz, Joaquin J.	0.75	7.07	9.18	1.28	9.57	9.72	9.87
Moore, Sean	0.75	7.24	9.64	1.58	9.78	9.87	9.90
Price, Gregory	0.75	7.58	9.40	1.46	9.61	9.92	9.96
Reese, Kyle	0.75	6.98	8.65	1.18	9.04	9.88	9.90
Rodriguez, Edward	0.75	7.28	9.21	1.01	9.59	9.65	9.90
Sanchez, Arthur	0.75	7.38	9.39	1.21	9.64	9.88	9.90
Trevino, Robert	0.74	7.36	9.46	1.21	9.65	9.92	9.94
MAXIMUM	0.75	7.60	9.79	1.51	9.83	9.92	9.96
MINIMUM	0.68	6.85	8.39	1.02	9.41	9.72	9.87
RANGE(MAX-MIN)	0.070	0.750	1.400	0.490	0.420	0.200	0.090
MEAN	0.735	7.335	9.230	1.273	9.589	9.863	9.914
STANDARD DEVIATION	0.100	0.256	0.430	0.170	0.132	0.100	0.100
N SIZE	12.000						

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
Bolaney, Jonathan	0.15	0.57	1.30	-0.96	1.82	-0.63	-0.14
Cales, Jonathon	-0.25	0.10	-0.88	-1.49	-1.20	0.08	-0.04
Caproni, David	-0.55	1.03	0.35	1.40	-0.14	0.38	-0.14
Crane, Jeffrey	-0.05	-0.45	0.46	-0.43	-0.07	0.18	-0.24
DeCapite, Vanessa	0.15	-1.89	-1.95	0.63	-1.35	0.28	0.16
Kobrinetz, Joaquin J.	0.15	-1.03	-0.12	0.04	-0.14	-1.43	-0.44
Moore, Sean	0.15	-0.37	0.95	1.81	1.44	0.08	-0.14
Price, Gregory	0.15	0.96	0.40	1.11	0.16	0.58	0.46
Reese, Kyle	0.15	-1.38	-1.35	-0.55	-4.44	0.18	-0.14
Rodriguez, Edward	0.15	-0.21	-0.05	-1.55	0.01	-2.13	-0.14
Sanchez, Arthur	0.15	0.18	0.37	-0.37	0.39	0.18	-0.14
Trevino, Robert	0.05	0.10	0.53	-0.37	0.46	0.58	0.26
MAXIMUM	-0.55	-1.89	-1.95	-1.49	1.82	-1.43	0.46
MINIMUM	0.05	0.10	-0.12	0.04	-0.14	0.08	-0.04
RANGE(MAX-MIN)	-0.600	-1.990	-1.836	-1.534	1.962	-1.500	0.500
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	0.262	1.000	1.000	1.000	1.000	0.690	0.283
N SIZE	12.000						

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

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
Bolaney, Jonathan	0.75	7.50	9.49	0.78	9.29	9.63	9.90
Cales, Jonathon	0.75	7.06	8.10	0.82	8.94	9.60	9.91
Caproni, David	0.75	8.24	8.50	0.90	8.61	9.80	9.90
Crane, Jeffrey	0.73	7.48	9.09	0.65	8.92	9.77	9.89
DeCapite, Vanessa	0.75	6.90	8.14	0.92	8.82	9.80	9.92
Kobrinetz, Joaquin J.	0.75	7.60	8.76	0.87	9.15	9.76	9.83
Moore, Sean	0.80	6.96	8.72	0.82	8.85	9.79	9.90
Price, Gregory	0.75	6.92	9.05	0.78	9.02	9.89	9.96
Reese, Kyle	0.75	6.69	8.77	0.86	8.68	9.84	9.90
Rodriguez, Edward	0.75	6.82	8.96	0.76	8.99	9.73	9.80
Sanchez, Arthur	0.75	7.64	9.38	0.86	9.59	9.78	9.87
Trevino, Robert	0.75	7.56	9.33	0.77	8.86	9.85	9.94
Veiga, Victor	0.75	7.99	9.04	0.80	8.81	9.71	9.90
MAXIMUM	0.75	8.24	9.49	0.92	9.59	9.89	9.96
MINIMUM	0.75	6.90	8.10	0.77	8.61	9.60	9.83
RANGE(MAX-MIN)	0.000	1.340	1.390	0.150	0.980	0.290	0.130
MEAN	0.750	7.428	8.844	0.838	9.035	9.764	9.904
STANDARD DEVIATION	0.100	0.452	0.555	0.100	0.305	0.101	0.100
N SIZE	13.000						

Part ID= C6 - GMOD PISTON

C6 Y1 Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	THTOT	ATTOT
Bolaney, Jonathan	0.00	0.16	1.16	-0.58	0.83	-1.33	-0.04
Cales, Jonathon	0.00	-0.81	-1.34	-0.18	-0.31	-1.63	0.06
Caproni, David	0.00	1.80	-0.62	0.63	-1.39	0.36	-0.04
Crane, Jeffrey	-0.20	0.12	0.44	-1.88	-0.38	0.06	-0.14
DeCapite, Vanessa	0.00	-1.17	-1.27	0.83	-0.70	0.36	0.16
Kobrinetz, Joaquin J.	0.00	0.38	-0.15	0.33	0.38	-0.04	-0.74
Moore, Sean	0.50	-1.03	-0.22	-0.18	-0.61	0.26	-0.04
Price, Gregory	0.00	-1.12	0.37	-0.58	-0.05	1.25	0.56
Reese, Kyle	0.00	-1.63	-0.13	0.23	-1.16	0.76	-0.04
Rodriguez, Edward	0.00	-1.34	0.21	-0.78	-0.15	-0.34	-1.04
Sanchez, Arthur	0.00	0.47	0.97	0.23	1.82	0.16	-0.34
Trevino, Robert	0.00	0.29	0.88	-0.68	-0.57	0.86	0.36
Veiga, Victor	0.00	1.25	0.35	-0.38	-0.74	-0.53	-0.04
MAXIMUM	0.00	1.80	-1.34	0.83	1.82	-1.63	-0.74
MINIMUM	0.00	0.16	-0.15	-0.18	-0.05	-0.04	-0.04
RANGE(MAX-MIN)	0.000	1.638	-1.189	1.000	1.866	-1.589	-0.700
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	0.100	1.000	1.000	0.582	1.000	1.000	0.403
N SIZE	13.000						

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

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	8.40	7.50	8.30	7.10	7.30	6.90	8.30	8.10
Campbell, Bryan	9.10	6.20	9.00	6.30	7.00	6.10	8.20	8.10
Crane, Jeffrey	8.50	6.90	8.20	6.70	7.40	6.70	8.30	7.90
De Armas, Raymond	9.00	7.40	8.50	7.10	7.80	6.90	8.20	8.10
Demel, Samuel	8.60	6.80	8.30	7.10	7.50	6.60	7.80	7.80
Dominguez, Lucio	8.40	7.40	8.20	7.10	7.40	6.80	8.30	8.00
Foecking, Brian	8.30	7.10	8.20	7.20	7.30	6.80	8.40	7.80
Kobrinetz, Joaquin J.	8.54	7.24	8.24	7.08	7.47	6.92	8.13	7.74
Lonsway, Chris	9.00	6.80	8.90	6.30	7.10	6.10	8.80	8.40
Lopez, Frank	7.90	6.80	7.90	6.50	7.00	6.50	7.30	7.40
Pitta, Jimmy	8.70	7.00	8.60	7.80	8.20	6.80	8.50	8.30
Price, Gregory	8.13	7.54	8.46	7.35	7.35	6.65	8.37	8.26
Rodriguez, Jesus (Jesse)	8.30	7.00	8.00	6.80	7.30	7.00	8.10	7.50
Sanchez, Arthur	8.40	6.90	7.90	6.50	7.00	6.40	7.50	7.30
Sanchez, Christopher	8.50	6.90	8.30	7.00	7.80	6.50	7.80	7.80
Terrado, Ken	8.20	7.20	8.20	7.40	7.20	6.30	7.90	7.80
Trevino, Robert	8.10	6.70	8.00	6.60	6.80	6.60	7.40	7.50
Zalewski, John	9.00	6.00	8.00	6.20	6.00	6.10	7.80	7.00
MAXIMUM	9.10	7.54	9.00	7.80	8.20	7.00	8.80	8.40
MINIMUM	7.90	6.00	7.90	6.20	6.00	6.10	7.30	7.00
RANGE(MAX-MIN)	1.200	1.540	1.100	1.600	2.200	0.900	1.500	1.400
MEAN	8.504	6.966	8.289	6.896	7.273	6.593	8.061	7.822
STANDARD DEVIATION	0.345	0.408	0.310	0.436	0.463	0.294	0.400	0.373
N SIZE	18.000							

Part ID= H1-8 - INTAKE VALVE SET

H1-8 Yi Values

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

Rater	P1	P2	P3	P4	P5	P6	P7	P8
Barrera, Tony	-0.30	1.31	0.04	0.47	0.06	1.04	0.60	0.74
Campbell, Bryan	1.73	-1.88	2.29	-1.37	-0.59	-1.67	0.35	0.74
Crane, Jeffrey	-0.01	-0.16	-0.29	-0.45	0.27	0.36	0.60	0.21
De Armas, Raymond	1.44	1.07	0.68	0.47	1.14	1.04	0.35	0.74
Demel, Samuel	0.28	-0.41	0.04	0.47	0.49	0.02	-0.65	-0.06
Dominguez, Lucio	-0.30	1.07	-0.29	0.47	0.27	0.70	0.60	0.48
Foecking, Brian	-0.59	0.33	-0.29	0.70	0.06	0.70	0.85	-0.06
Kobrinetz, Joaquin J.	0.10	0.67	-0.16	0.42	0.42	1.11	0.17	-0.22
Lonsway, Chris	1.44	-0.41	1.97	-1.37	-0.37	-1.67	1.85	1.55
Lopez, Frank	-1.75	-0.41	-1.25	-0.91	-0.59	-0.32	-1.90	-1.13
Pitta, Jimmy	0.57	0.08	1.00	2.08	2.00	0.70	1.10	1.28
Price, Gregory	-1.09	1.41	0.55	1.04	0.17	0.19	0.77	1.17
Rodriguez, Jesus (Jesse)	-0.59	0.08	-0.93	-0.22	0.06	1.38	0.10	-0.86
Sanchez, Arthur	-0.30	-0.16	-1.25	-0.91	-0.59	-0.65	-1.40	-1.40
Sanchez, Christopher	-0.01	-0.16	0.04	0.24	1.14	-0.32	-0.65	-0.06
Terrado, Ken	-0.88	0.57	-0.29	1.16	-0.16	-0.99	-0.40	-0.06
Trevino, Robert	-1.17	-0.65	-0.93	-0.68	-1.02	0.02	-1.65	-0.86
Zalewski, John	1.44	-2.37	-0.93	-1.60	-2.75	-1.67	-0.65	-2.20
MAXIMUM	-1.75	-2.37	2.29	2.08	-2.75	-1.67	-1.90	-2.20
MINIMUM	-0.01	0.08	0.04	-0.22	0.06	0.02	0.10	-0.06
RANGE(MAX-MIN)	-1.741	-2.452	2.256	2.296	-2.806	-1.698	-1.998	-2.144
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
N SIZE	18.000							

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

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	6.90	8.40	8.20	6.80	7.20	6.90	6.80
Campbell, Bryan	8.30	6.30	8.20	8.10	6.50	6.60	6.50	6.30
Crane, Jeffrey	8.70	6.80	8.30	8.00	6.50	7.00	6.90	6.70
De Armas, Raymond	9.10	7.10	8.60	8.10	6.80	7.30	7.10	7.00
Demel, Samuel	8.60	6.40	7.80	7.80	6.40	7.10	6.60	6.50
Dominguez, Lucio	8.60	6.70	8.50	8.60	6.70	7.10	6.90	6.70
Foecking, Brian	8.60	6.70	8.10	7.90	6.50	6.60	6.40	6.60
Kobrinetz, Joaquin J.	8.25	6.89	7.99	8.19	6.64	6.75	6.81	6.65
Lonsway, Chris	8.90	7.30	8.60	8.50	6.50	6.70	6.60	6.50
Lopez, Frank	7.80	6.20	7.60	7.60	6.20	6.50	6.30	6.20
Pitta, Jimmy	9.00	7.80	8.80	8.80	6.00	6.30	7.00	6.50
Price, Gregory	8.80	6.72	8.49	8.66	6.70	6.95	6.63	6.65
Rodriguez, Jesus (Jesse)	8.10	6.90	8.10	8.00	6.80	7.00	7.00	7.20
Sanchez, Arthur	8.30	6.50	7.40	7.60	6.00	6.40	6.20	6.40
Sanchez, Christopher	8.70	6.50	7.70	7.70	6.50	7.00	6.70	6.60
Terrado, Ken	8.40	6.50	8.00	8.10	6.60	6.90	6.40	6.30
Trevino, Robert	8.00	6.80	7.80	7.60	6.30	6.70	6.40	6.20
Zalewski, John	9.00	6.00	8.00	8.00	5.70	6.20	5.80	5.80
MAXIMUM	9.10	7.80	8.80	8.80	6.80	7.30	7.10	7.20
MINIMUM	7.80	6.00	7.40	7.60	5.70	6.20	5.80	5.80
RANGE(MAX-MIN)	1.300	1.800	1.400	1.200	1.100	1.100	1.300	1.400
MEAN	8.536	6.723	8.132	8.081	6.452	6.794	6.619	6.533
STANDARD DEVIATION	0.364	0.418	0.386	0.367	0.309	0.317	0.335	0.318
N SIZE	18.000							

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	-0.10	0.42	0.69	0.33	1.13	1.28	0.84	0.84
Campbell, Bryan	-0.65	-1.01	0.18	0.05	0.15	-0.61	-0.35	-0.73
Crane, Jeffrey	0.45	0.18	0.43	-0.22	0.15	0.65	0.84	0.52
De Armas, Raymond	1.55	0.90	1.21	0.05	1.13	1.60	1.44	1.47
Demel, Samuel	0.18	-0.77	-0.86	-0.76	-0.17	0.97	-0.06	-0.10
Dominguez, Lucio	0.18	-0.05	0.95	1.41	0.80	0.97	0.84	0.52
Foecking, Brian	0.18	-0.05	-0.08	-0.49	0.15	-0.61	-0.65	0.21
Kobrinetz, Joaquin J.	-0.79	0.40	-0.37	0.30	0.61	-0.14	0.57	0.37
Lonsway, Chris	1.00	1.38	1.21	1.14	0.15	-0.30	-0.06	-0.10
Lopez, Frank	-2.02	-1.25	-1.38	-1.31	-0.82	-0.93	-0.95	-1.05
Pitta, Jimmy	1.28	2.58	1.73	1.96	-1.47	-1.56	1.14	-0.10
Price, Gregory	0.73	-0.01	0.93	1.58	0.80	0.49	0.03	0.37
Rodriguez, Jesus (Jesse)	-1.20	0.42	-0.08	-0.22	1.13	0.65	1.14	2.10
Sanchez, Arthur	-0.65	-0.53	-1.90	-1.31	-1.47	-1.25	-1.25	-0.42
Sanchez, Christopher	0.45	-0.53	-1.12	-1.04	0.15	0.65	0.24	0.21
Terrado, Ken	-0.37	-0.53	-0.34	0.05	0.48	0.33	-0.65	-0.73
Trevino, Robert	-1.47	0.18	-0.86	-1.31	-0.49	-0.30	-0.65	-1.05
Zalewski, John	1.28	-1.73	-0.34	-0.22	-2.44	-1.88	-2.44	-2.31
MAXIMUM	-2.02	2.58	-1.90	1.96	-2.44	-1.88	-2.44	-2.31
MINIMUM	-0.10	-0.01	-0.08	0.05	0.15	-0.14	0.03	-0.10
RANGE(MAX-MIN)	-1.925	2.585	-1.813	1.905	-2.593	-1.737	-2.477	-2.204
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
N SIZE	18.000							

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

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	7.65	7.53	7.52	7.55	7.55	7.53	7.54	7.66
Bolaney, Jonathan	7.69	7.67	7.83	7.39	7.15	7.53	7.28	7.49
Campbell, Bryan	7.93	8.10	8.04	7.92	7.91	7.70	7.68	7.86
Crane, Jeffrey	7.92	7.58	7.71	7.64	7.62	7.71	7.67	7.90
Demel, Samuel	7.90	7.92	7.89	7.86	7.84	7.92	7.85	7.93
Dominguez, Lucio	7.87	7.90	8.04	8.01	7.79	7.96	7.87	7.92
Foecking, Brian	7.77	8.01	7.80	7.99	7.55	7.99	7.64	7.87
Lonsway, Chris	8.78	8.60	9.05	8.45	8.00	7.05	7.52	8.51
Lopez, Frank	7.68	7.88	7.80	7.74	7.70	7.65	7.71	7.74
Rodriguez, Jesus (Jesse)	7.40	7.25	7.50	7.52	7.41	7.40	7.45	7.14
Sanchez, Arthur	8.12	8.09	8.04	8.23	8.25	8.35	8.22	8.11
Sanchez, Christopher	7.91	7.89	7.89	7.90	7.86	7.91	7.89	7.88
Trevino, Robert	7.83	7.87	7.88	7.86	7.86	7.89	7.88	7.95
Zalewski, John	8.84	8.81	8.80	8.80	8.80	8.82	8.83	8.86
MAXIMUM	8.84	8.81	9.05	8.80	8.80	8.82	8.83	8.86
MINIMUM	7.40	7.25	7.50	7.39	7.15	7.05	7.28	7.14
RANGE(MAX-MIN)	1.440	1.560	1.550	1.410	1.650	1.770	1.550	1.720
MEAN	7.949	7.936	7.985	7.919	7.806	7.815	7.788	7.916
STANDARD DEVIATION	0.402	0.402	0.435	0.378	0.393	0.425	0.378	0.409
N SIZE	14.000							

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	-1.01	-1.07	-0.97	-0.65	-0.67	-0.66	-0.63
Bolaney, Jonathan	-0.64	-0.66	-0.36	-1.40	-1.67	-0.67	-1.34	-1.04
Campbell, Bryan	-0.05	0.41	0.13	0.00	0.26	-0.27	-0.29	-0.14
Crane, Jeffrey	-0.07	-0.88	-0.63	-0.74	-0.47	-0.25	-0.31	-0.04
Demel, Samuel	-0.12	-0.04	-0.22	-0.15	0.09	0.25	0.16	0.04
Dominguez, Lucio	-0.20	-0.09	0.13	0.24	-0.04	0.34	0.22	0.01
Foecking, Brian	-0.45	0.18	-0.43	0.19	-0.65	0.41	-0.39	-0.11
Lonsway, Chris	2.07	1.65	2.45	1.40	0.49	-1.80	-0.71	1.45
Lopez, Frank	-0.67	-0.14	-0.43	-0.47	-0.27	-0.39	-0.21	-0.43
Rodriguez, Jesus (Jesse)	-1.37	-1.70	-1.12	-1.05	-1.01	-0.98	-0.89	-1.90
Sanchez, Arthur	0.42	0.38	0.13	0.82	1.13	1.26	1.14	0.48
Sanchez, Christopher	-0.10	-0.11	-0.22	-0.05	0.14	0.22	0.27	-0.09
Trevino, Robert	-0.30	-0.16	-0.24	-0.15	0.14	0.18	0.24	0.08
Zalewski, John	2.22	2.17	1.88	2.33	2.53	2.37	2.75	2.31
MAXIMUM	2.22	2.17	2.45	2.33	2.53	2.37	2.75	2.31
MINIMUM	-0.05	-0.04	0.13	0.00	-0.04	0.18	0.16	0.01
RANGE(MAX-MIN)	2.263	2.212	2.324	2.326	2.572	2.190	2.590	2.301
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
N SIZE	14.000							

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

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	9.01	8.67	9.23	8.72	9.39	9.12	9.07	9.05	
Barrera, Tony	8.92	8.82	9.05	8.60	9.28	8.90	8.87	9.07	
Bolaney, Jonathan	9.11	8.77	9.30	8.60	9.47	9.23	8.93	9.20	
Cales, Jonathon	8.69	8.28	8.82	8.29	9.43	8.75	8.48	8.90	
Cales, Jonathon rerate	9.07	8.42	9.12	8.62	9.43	9.00	9.02	8.95	
Campbell, Bryan	8.69	8.99	9.02	8.37	9.29	8.54	8.56	8.74	
Caproni, David rerate	9.10	8.52	9.20	8.70	9.39	9.13	9.10	9.00	
Crane, Jeffrey	9.00	8.71	9.24	8.58	9.46	8.99	9.05	9.21	
De Armas, Raymond	9.05	8.88	9.30	8.77	9.49	9.26	9.24	9.39	
DeCapite, Vanessa	8.99	8.46	9.21	8.41	9.38	8.92	8.73	9.02	
Demel, Samuel	8.98	8.71	8.84	8.63	9.30	8.95	8.78	8.92	
Dominguez, Lucio	9.17	8.99	9.09	8.78	9.44	9.14	9.13	9.26	
Foecking, Brian	9.01	8.71	9.21	8.52	9.52	9.17	8.95	9.09	
Kobrinetz, Joaquin J.	8.84	8.58	9.16	8.46	9.32	9.07	8.83	9.04	
Lonsway, Chris	8.94	8.78	9.29	8.61	9.50	9.03	8.70	9.06	
Lopez, Frank	9.05	8.76	9.16	8.61	9.51	9.18	8.90	9.05	
Price, Gregory	9.07	8.96	9.26	8.57	9.47	9.10	9.00	8.93	
Sanchez, Arthur	9.31	8.98	9.37	8.85	9.35	9.27	9.23	9.31	
Sanchez, Arthur rerate	8.90	8.84	9.13	8.61	9.35	9.11	8.98	9.09	
Sanchez, Christopher	9.03	8.64	8.91	8.58	9.25	9.09	8.94	9.07	
Trevino, Robert	8.96	8.73	9.02	8.48	9.49	8.96	8.87	9.05	
Zalewski, John	9.35	9.21	9.55	8.90	9.65	9.54	9.35	9.56	
MAXIMUM	9.31	8.98	9.37	8.85	9.52	9.27	9.23	9.31	
MINIMUM	8.69	8.28	8.82	8.29	9.32	8.75	8.48	8.90	
RANGE(MAX-MIN)	0.620	0.700	0.550	0.560	0.200	0.520	0.750	0.410	
MEAN	9.004	8.690	9.174	8.551	9.433	9.077	8.899	9.064	
STANDARD DEVIATION	0.163	0.212	0.155	0.159	0.100	0.159	0.201	0.119	
N SIZE	22.000								

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	0.04	-0.09	0.36	1.07	-0.43	0.27	0.85	-0.12	
Barrera, Tony	-0.52	0.61	-0.80	0.31	-1.53	-1.11	-0.14	0.05	
Bolaney, Jonathan	0.65	0.38	0.81	0.31	0.37	0.96	0.15	1.14	
Cales, Jonathon	-1.93	-1.94	-2.28	-1.65	-0.03	-2.06	-2.09	-1.38	
Cales, Jonathon rerate	0.41	-1.27	-0.35	0.44	-0.03	-0.48	0.60	-0.96	
Campbell, Bryan	-1.93	1.42	-0.99	-1.14	-1.43	-3.57	-1.69	-2.72	
Caproni, David rerate	0.59	-0.80	0.17	0.94	-0.43	0.33	1.00	-0.54	
Crane, Jeffrey	-0.02	0.09	0.43	0.18	0.27	-0.55	0.75	1.23	
De Armas, Raymond	0.28	0.90	0.81	1.38	0.57	1.15	1.70	2.74	
DeCapite, Vanessa	-0.09	-1.09	0.23	-0.89	-0.53	-0.99	-0.84	-0.37	
Demel, Samuel	-0.15	0.09	-2.15	0.50	-1.33	-0.80	-0.59	-1.21	
Dominguez, Lucio	1.02	1.42	-0.54	1.44	0.07	0.40	1.15	1.65	
Foecking, Brian	0.04	0.09	0.23	-0.20	0.87	0.58	0.25	0.22	
Kobrinetz, Joaquin J.	-1.01	-0.52	-0.09	-0.57	-1.13	-0.04	-0.34	-0.20	
Lonsway, Chris	-0.39	0.42	0.75	0.37	0.67	-0.30	-0.99	-0.03	
Lopez, Frank	0.28	0.33	-0.09	0.37	0.77	0.65	0.01	-0.12	
Price, Gregory	0.41	1.27	0.55	0.12	0.37	0.14	0.50	-1.13	
Sanchez, Arthur	1.88	1.37	1.26	1.88	-0.83	1.21	1.65	2.07	
Sanchez, Arthur rerate	-0.64	0.71	-0.28	0.37	-0.83	0.21	0.40	0.22	
Sanchez, Christopher	0.16	-0.24	-1.70	0.18	-1.83	0.08	0.20	0.05	
Trevino, Robert	-0.27	0.19	-0.99	-0.45	0.57	-0.74	-0.14	-0.12	
Zalewski, John	2.12	2.45	2.42	2.20	2.17	2.91	2.25	4.16	
MAXIMUM	-1.93	-1.94	-2.28	1.88	-1.13	-2.06	-2.09	2.07	
MINIMUM	0.04	-0.09	-0.09	0.12	-0.03	-0.04	0.01	-0.12	
RANGE(MAX-MIN)	-1.964	-1.841	-2.190	1.765	-1.100	-2.012	-2.093	2.183	
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	0.698	1.000	1.000	1.000	
N SIZE	22.000								

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

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
Barrera, Tony	9.51	8.90	9.36	9.35	9.33	8.75	8.75	8.84
Bolaney, Jonathan	9.50	9.19	9.52	9.37	9.41	9.01	8.86	9.31
Cales, Jonathon	9.52	8.83	9.34	9.15	9.26	8.35	9.21	9.33
Cales, Jonathon rerate	9.52	8.83	9.34	9.15	9.26	8.35	9.21	9.33
Campbell, Bryan	9.22	8.56	9.06	9.15	8.76	8.21	8.18	8.48
Caproni, David	9.56	9.11	9.38	9.32	9.34	8.74	8.77	9.23
Caproni, David rerate	9.56	9.11	9.38	9.32	9.34	8.74	8.77	9.23
De Armas, Raymond	9.59	9.48	9.68	9.62	9.53	9.43	9.00	9.21
Demel, Samuel	9.26	8.99	9.25	9.12	9.09	8.86	8.64	8.91
Foeking, Brian	9.42	9.00	9.31	9.18	9.34	8.58	8.32	8.63
Kobrinetz, Joaquin J.	9.40	8.86	9.21	9.10	9.08	8.80	8.61	8.86
Lonsway, Chris	9.54	8.78	9.46	9.32	9.21	8.76	8.19	8.97
Price, Gregory	9.49	8.97	9.25	9.35	9.13	8.68	8.47	8.91
Rodriguez, Edward	9.53	8.91	9.47	9.46	9.32	9.14	8.92	9.21
Rodriguez, Jesus (Jesse)	9.61	9.25	9.54	9.55	9.35	8.76	8.27	8.76
Sanchez, Arthur rerate	9.37	9.22	9.45	9.27	9.20	8.99	8.54	9.20
Sanchez, Christopher	9.36	8.89	9.17	9.16	9.12	8.75	8.53	8.87
Zalewski, John	9.28	8.96	9.04	8.95	8.88	8.60	7.98	8.52
MAXIMUM	9.61	9.25	9.54	9.55	9.41	9.01	9.21	9.33
MINIMUM	9.40	8.83	9.21	9.10	9.08	8.35	8.27	8.63
RANGE(MAX-MIN)	0.210	0.420	0.330	0.450	0.330	0.660	0.940	0.700
MEAN	9.500	9.030	9.364	9.289	9.273	8.703	8.644	9.004
STANDARD DEVIATION	0.100	0.160	0.126	0.156	0.124	0.204	0.331	0.283
N SIZE	18.000							

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
Barrera, Tony	0.10	-0.81	-0.03	0.39	0.46	0.23	0.32	-0.58
Bolaney, Jonathan	0.00	1.00	1.23	0.52	1.11	1.51	0.65	1.08
Cales, Jonathon	0.20	-1.25	-0.19	-0.89	-0.10	-1.73	1.71	1.15
Cales, Jonathon rerate	0.20	-1.25	-0.19	-0.89	-0.10	-1.73	1.71	1.15
Campbell, Bryan	-2.80	-2.94	-2.41	-0.89	-4.15	-2.42	-1.40	-1.85
Caproni, David	0.60	0.50	0.12	0.20	0.54	0.18	0.38	0.80
Caproni, David rerate	0.60	0.50	0.12	0.20	0.54	0.18	0.38	0.80
De Armas, Raymond	0.90	2.81	2.50	2.12	2.08	3.57	1.07	0.73
Demel, Samuel	-2.40	-0.25	-0.90	-1.08	-1.48	0.77	-0.01	-0.33
Foeking, Brian	-0.80	-0.19	-0.43	-0.70	0.54	-0.60	-0.98	-1.32
Kobrinetz, Joaquin J.	-1.00	-1.06	-1.22	-1.21	-1.56	0.48	-0.10	-0.51
Lonsway, Chris	0.40	-1.56	0.76	0.20	-0.51	0.28	-1.37	-0.12
Price, Gregory	-0.10	-0.37	-0.90	0.39	-1.16	-0.11	-0.53	-0.33
Rodriguez, Edward	0.30	-0.75	0.84	1.10	0.38	2.15	0.83	0.73
Rodriguez, Jesus (Jesse)	1.10	1.37	1.39	1.67	0.62	0.28	-1.13	-0.86
Sanchez, Arthur rerate	-1.30	1.19	0.68	-0.12	-0.59	1.41	-0.31	0.69
Sanchez, Christopher	-1.40	-0.87	-1.54	-0.82	-1.24	0.23	-0.34	-0.47
Zalewski, John	-2.20	-0.44	-2.57	-2.17	-3.18	-0.51	-2.00	-1.71
MAXIMUM	1.10	1.37	1.39	1.67	-1.56	-1.73	1.71	-1.32
MINIMUM	0.00	-0.19	0.12	0.20	-0.10	-0.11	-0.10	-0.33
RANGE(MAX-MIN)	1.100	1.562	1.266	1.473	-1.457	-1.621	1.810	-0.990
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	0.737	1.000	1.000	1.000	1.000	1.000	1.000	1.000
N SIZE	18.000							

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

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	8.97	9.11	9.02	9.30	9.31	9.20	9.55	9.24	
Barrera, Tony	8.82	8.88	8.81	9.10	8.99	9.30	9.50	9.24	
Bolaney, Jonathan	8.84	9.44	9.75	9.48	9.52	9.40	9.70	9.50	
Cales, Jonathon rerate	8.89	9.19	9.05	9.49	9.34	9.32	9.67	9.38	
Campbell, Bryan	8.81	9.02	9.25	9.44	9.32	9.45	9.62	9.31	
Caproni, David	8.83	8.55	9.90	9.52	9.24	9.28	9.80	9.34	
Caproni, David rerate	8.83	8.55	9.90	9.52	9.24	9.28	9.80	9.34	
Crane, Jeffrey	8.93	9.25	9.10	9.53	9.20	9.13	9.61	9.18	
De Armas, Raymond	9.35	9.63	9.49	9.68	9.49	9.50	9.73	9.56	
DeCapite, Vanessa	8.65	9.09	8.98	9.22	9.19	9.03	9.53	9.21	
Demel, Samuel	8.78	8.85	8.92	9.10	9.20	9.01	9.36	9.07	
Dominguez, Lucio	9.02	9.20	9.19	9.35	9.37	9.27	9.52	9.32	
Foecking, Brian	8.56	8.90	8.81	9.39	9.04	8.98	9.52	9.28	
Kobrinetz, Joaquin J.	8.54	9.01	8.96	9.46	9.20	9.16	9.73	9.25	
Lopez, Frank	8.90	9.04	9.08	9.27	9.29	9.28	9.56	9.09	
Price, Gregory	8.77	9.16	9.20	9.47	9.44	9.38	9.72	9.39	
Rodriguez, Edward	8.84	9.28	9.18	9.19	9.57	9.40	9.65	9.31	
Rodriguez, Jesus (Jesse)	8.91	9.06	9.03	9.10	9.14	9.07	9.71	9.05	
Sanchez, Arthur	9.00	9.27	9.30	9.30	9.37	9.32	9.57	9.33	
Sanchez, Arthur rerate	9.00	9.27	9.30	9.30	9.37	9.32	9.57	9.33	
Sanchez, Christopher	8.77	9.04	9.06	9.12	9.11	9.17	9.31	9.10	
Trevino, Robert	8.92	9.00	8.92	9.00	9.10	9.02	9.62	8.95	
Zalewski, John	8.48	8.72	9.19	9.24	9.12	8.85	9.56	9.02	
MAXIMUM	9.00	9.44	9.90	9.52	9.52	9.40	9.80	9.50	
MINIMUM	8.54	8.55	8.81	9.00	9.04	8.98	9.52	8.95	
RANGE(MAX-MIN)	0.460	0.890	1.090	0.520	0.480	0.420	0.280	0.550	
MEAN	8.808	9.057	9.177	9.319	9.258	9.193	9.637	9.239	
STANDARD DEVIATION	0.160	0.222	0.348	0.166	0.146	0.151	0.100	0.159	
N SIZE	23.000								

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

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	1.01	0.24	-0.45	-0.11	0.36	0.05	-0.87	0.01	
Barrera, Tony	0.07	-0.80	-1.06	-1.32	-1.84	0.71	-1.37	0.01	
Bolaney, Jonathan	0.20	1.72	1.65	0.97	1.79	1.38	0.63	1.64	
Cales, Jonathon rerate	0.51	0.60	-0.37	1.03	0.56	0.84	0.33	0.89	
Campbell, Bryan	0.01	-0.17	0.21	0.73	0.42	1.71	-0.17	0.45	
Caproni, David	0.14	-2.28	2.08	1.21	-0.12	0.58	1.63	0.63	
Caproni, David rerate	0.14	-2.28	2.08	1.21	-0.12	0.58	1.63	0.63	
Crane, Jeffrey	0.76	0.87	-0.22	1.27	-0.40	-0.42	-0.27	-0.37	
De Armas, Raymond	3.39	2.58	0.90	2.17	1.59	2.04	0.93	2.02	
DeCapite, Vanessa	-0.99	0.15	-0.57	-0.60	-0.47	-1.08	-1.07	-0.18	
Demel, Samuel	-0.18	-0.93	-0.74	-1.32	-0.40	-1.21	-2.77	-1.06	
Dominguez, Lucio	1.32	0.64	0.04	0.19	0.77	0.51	-1.17	0.51	
Foecking, Brian	-1.55	-0.71	-1.06	0.43	-1.50	-1.41	-1.17	0.26	
Kobrinetz, Joaquin J.	-1.68	-0.21	-0.62	0.85	-0.40	-0.22	0.93	0.07	
Lopez, Frank	0.57	-0.08	-0.28	-0.30	0.22	0.58	-0.77	-0.94	
Price, Gregory	-0.24	0.46	0.07	0.91	1.25	1.24	0.83	0.95	
Rodriguez, Edward	0.20	1.00	0.01	-0.78	2.14	1.38	0.13	0.45	
Rodriguez, Jesus (Jesse)	0.64	0.01	-0.42	-1.32	-0.81	-0.81	0.73	-1.19	
Sanchez, Arthur	1.20	0.96	0.35	-0.11	0.77	0.84	-0.67	0.57	
Sanchez, Arthur rerate	1.20	0.96	0.35	-0.11	0.77	0.84	-0.67	0.57	
Sanchez, Christopher	-0.24	-0.08	-0.34	-1.20	-1.02	-0.15	-3.27	-0.87	
Trevino, Robert	0.70	-0.26	-0.74	-1.92	-1.08	-1.15	-0.17	-1.82	
Zalewski, John	-2.05	-1.52	0.04	-0.48	-0.95	-2.27	-0.77	-1.38	
MAXIMUM	-1.68	-2.28	2.08	-1.92	1.79	-1.41	1.63	-1.82	
MINIMUM	0.14	0.01	0.07	-0.11	-0.12	0.05	-0.17	0.01	
RANGE(MAX-MIN)	-1.813	-2.295	2.013	-1.804	1.920	-1.459	1.800	-1.821	
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	0.974	1.000	
N SIZE	23.000								

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

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	9.75	9.28	9.41	9.55	9.68	9.72	9.42	9.54	
Cales, Jonathon	9.71	9.15	9.11	9.33	9.58	9.62	9.33	9.52	
Cales, Jonathon rerate	9.71	9.15	9.11	9.33	9.58	9.62	9.33	9.52	
Caproni, David	9.90	9.08	9.07	9.69	9.80	9.80	9.33	9.20	
Caproni, David rerate	9.90	9.08	9.07	9.69	9.80	9.80	9.33	9.20	
Crane, Jeffrey	9.77	9.25	9.34	9.47	9.61	9.75	9.45	9.53	
De Armas, Raymond	9.79	9.82	9.07	9.60	9.77	9.84	9.50	9.79	
DeCapite, Vanessa	9.69	8.95	9.17	9.38	9.55	9.64	9.12	9.49	
Dominguez, Lucio	9.69	9.43	9.35	9.59	9.73	9.71	9.39	9.66	
Kobrinetz, Joaquin J.	9.77	9.28	9.23	9.62	9.79	9.76	9.35	9.68	
Lonsway, Chris	9.69	9.37	9.43	9.60	9.75	9.70	9.50	9.60	
Lopez, Frank	9.76	9.30	9.17	9.41	9.75	9.73	9.31	9.68	
Rodriguez, Edward	9.75	9.31	9.37	9.52	9.68	9.62	9.45	9.61	
Rodriguez, Jesus (Jesse)	9.76	9.41	9.52	9.66	9.71	9.75	9.55	9.70	
Sanchez, Arthur	9.86	9.74	9.69	9.83	9.86	9.86	9.68	9.74	
Sanchez, Arthur rerate	9.86	9.74	9.69	9.83	9.86	9.86	9.68	9.74	
Trevino, Robert	9.74	9.52	9.57	9.68	9.70	9.72	9.60	9.63	
Zalewski, John	9.73	9.45	9.64	9.75	9.81	9.84	9.53	9.75	
MAXIMUM	9.90	9.74	9.69	9.83	9.86	9.86	9.68	9.74	
MINIMUM	9.69	8.95	9.07	9.33	9.55	9.62	9.12	9.20	
RANGE(MAX-MIN)	0.210	0.790	0.620	0.500	0.310	0.240	0.560	0.540	
MEAN	9.771	9.301	9.327	9.572	9.713	9.733	9.410	9.576	
STANDARD DEVIATION	0.100	0.237	0.225	0.167	0.101	0.100	0.173	0.166	
N SIZE	18.000								

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	-0.21	-0.09	0.37	-0.13	-0.33	-0.13	0.06	-0.21	
Cales, Jonathon	-0.61	-0.64	-0.96	-1.45	-1.32	-1.13	-0.46	-0.34	
Cales, Jonathon rerate	-0.61	-0.64	-0.96	-1.45	-1.32	-1.13	-0.46	-0.34	
Caproni, David	1.29	-0.93	-1.14	0.70	0.86	0.67	-0.46	-2.26	
Caproni, David rerate	1.29	-0.93	-1.14	0.70	0.86	0.67	-0.46	-2.26	
Crane, Jeffrey	-0.01	-0.22	0.06	-0.61	-1.02	0.17	0.23	-0.27	
De Armas, Raymond	0.19	2.19	-1.14	0.17	0.56	1.07	0.52	1.29	
DeCapite, Vanessa	-0.81	-1.48	-0.69	-1.15	-1.61	-0.93	-1.68	-0.52	
Dominguez, Lucio	-0.81	0.54	0.10	0.11	0.16	-0.23	-0.12	0.51	
Kobrinetz, Joaquin J.	-0.01	-0.09	-0.43	0.29	0.76	0.27	-0.35	0.63	
Lonsway, Chris	-0.81	0.29	0.46	0.17	0.36	-0.33	0.52	0.15	
Lopez, Frank	-0.11	0.00	-0.69	-0.97	0.36	-0.03	-0.58	0.63	
Rodriguez, Edward	-0.21	0.04	0.19	-0.31	-0.33	-1.13	0.23	0.21	
Rodriguez, Jesus (Jesse)	-0.11	0.46	0.86	0.52	-0.03	0.17	0.81	0.75	
Sanchez, Arthur	0.89	1.85	1.61	1.54	1.45	1.27	1.56	0.99	
Sanchez, Arthur rerate	0.89	1.85	1.61	1.54	1.45	1.27	1.56	0.99	
Trevino, Robert	-0.31	0.92	1.08	0.64	-0.13	-0.13	1.10	0.33	
Zalewski, John	-0.41	0.63	1.39	1.06	0.95	1.07	0.69	1.05	
MAXIMUM	1.29	1.85	1.61	1.54	-1.61	1.27	-1.68	-2.26	
MINIMUM	-0.01	0.00	0.37	-0.13	-0.03	-0.03	0.06	-0.21	
RANGE(MAX-MIN)	1.300	1.859	1.242	1.672	-1.580	1.300	-1.735	-2.050	
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
STANDARD DEVIATION	0.675	1.000	1.000	1.000	1.000	0.737	1.000	1.000	
N SIZE	18.000								

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

Part ID= VRCBL - RC BFL SLUDGE L

Rated Values

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

Rater	TOTALS	
Aguirre, Nancy P	9.37	
Barrera, Tony	9.27	
Bolaney, Jonathan	9.25	
Cales, Jonathon	9.33	
Campbell, Bryan	9.48	
Caproni, David	9.47	
Crane, Jeffrey	9.40	
De Armas, Raymond	9.50	
DeCapite, Vanessa	9.27	
Demel, Samuel	9.27	
Dominguez, Lucio	9.33	
Foecking, Brian	9.28	
Kobrinetz, Joaquin J.	9.46	
Langford, Mike	9.40	
Lonsway, Chris	9.45	
Lopez, Frank	9.35	
Moore, Sean	9.25	
Price, Gregory	9.27	
Rodriguez, Edward	9.27	
Rodriguez, Jesus (Jesse)	9.27	
Sanchez, Arthur	9.30	
Sanchez, Christopher	9.27	
Trevino, Robert	9.37	
Veiga, Victor	9.27	
Zalewski, John	9.41	
MAXIMUM	9.50	
MINIMUM	9.25	
RANGE(MAX-MIN)	0.250	
MEAN	9.342	
STANDARD DEVIATION	0.100	
N SIZE	25.000	

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

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	0.28	
Barrera, Tony	-0.72	
Bolaney, Jonathan	-0.92	
Cales, Jonathon	-0.12	
Campbell, Bryan	1.38	
Caproni, David	1.28	
Crane, Jeffrey	0.58	
De Armas, Raymond	1.58	
DeCapite, Vanessa	-0.72	
Demel, Samuel	-0.72	
Dominguez, Lucio	-0.12	
Foecking, Brian	-0.62	
Kobrinetz, Joaquin J.	1.18	
Langford, Mike	0.58	
Lonsway, Chris	1.08	
Lopez, Frank	0.08	
Moore, Sean	-0.92	
Price, Gregory	-0.72	
Rodriguez, Edward	-0.72	
Rodriguez, Jesus (Jesse)	-0.72	
Sanchez, Arthur	-0.42	
Sanchez, Christopher	-0.72	
Trevino, Robert	0.28	
Veiga, Victor	-0.72	
Zalewski, John	0.68	
MAXIMUM	1.58	
MINIMUM	0.08	
RANGE(MAX-MIN)	1.500	
MEAN	0.000	
STANDARD DEVIATION	0.825	
N SIZE	25.000	

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

Part ID= VRCBR - RC BFL SLUDGE R

Rated Values

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

Rater	TOTALS	
Aguirre, Nancy P	9.43	
Barrera, Tony	9.33	
Bolaney, Jonathan	9.29	
Cales, Jonathon	9.34	
Campbell, Bryan	9.43	
Caproni, David	9.37	
Crane, Jeffrey	9.43	
De Armas, Raymond	9.43	
DeCapite, Vanessa	9.22	
Demel, Samuel	9.30	
Dominguez, Lucio	9.28	
Foecking, Brian	9.28	
Kobrinetz, Joaquin J.	9.46	
Langford, Mike	9.38	
Lonsway, Chris	9.48	
Lopez, Frank	9.41	
Moore, Sean	9.32	
Price, Gregory	9.27	
Rodriguez, Edward	9.18	
Rodriguez, Jesus (Jesse)	9.33	
Sanchez, Arthur	9.42	
Sanchez, Christopher	9.32	
Trevino, Robert	9.32	
Veiga, Victor	9.30	
Zalewski, John	9.46	
MAXIMUM	9.48	
MINIMUM	9.18	
RANGE(MAX-MIN)	0.300	
MEAN	9.351	
STANDARD DEVIATION	0.100	
N SIZE	25.000	

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

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	0.79	
Barrera, Tony	-0.21	
Bolaney, Jonathan	-0.61	
Cales, Jonathon	-0.11	
Campbell, Bryan	0.79	
Caproni, David	0.19	
Crane, Jeffrey	0.79	
De Armas, Raymond	0.79	
DeCapite, Vanessa	-1.31	
Demel, Samuel	-0.51	
Dominguez, Lucio	-0.71	
Foecking, Brian	-0.71	
Kobrinetz, Joaquin J.	1.09	
Langford, Mike	0.29	
Lonsway, Chris	1.29	
Lopez, Frank	0.59	
Moore, Sean	-0.31	
Price, Gregory	-0.81	
Rodriguez, Edward	-1.71	
Rodriguez, Jesus (Jesse)	-0.21	
Sanchez, Arthur	0.69	
Sanchez, Christopher	-0.31	
Trevino, Robert	-0.31	
Veiga, Victor	-0.51	
Zalewski, John	1.09	
MAXIMUM	-1.71	
MINIMUM	-0.11	
RANGE(MAX-MIN)	-1.600	
MEAN	0.000	
STANDARD DEVIATION	0.792	
N SIZE	25.000	

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

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	9.82	
Cales, Jonathon	9.82	
Cales, Jonathon rerate	9.82	
Campbell, Bryan	9.85	
Caproni, David	9.80	
Caproni, David rerate	9.80	
Crane, Jeffrey	9.73	
De Armas, Raymond	9.60	
DeCapite, Vanessa	9.63	
Demel, Samuel	9.80	
Dominguez, Lucio	9.70	
Foecking, Brian	9.73	
Kobrinetz, Joaquin J.	9.73	
Langford, Mike	9.80	
Lonsway, Chris	9.77	
Lopez, Frank	9.80	
Moore, Sean	9.71	
Price, Gregory	9.81	
Rodriguez, Edward	9.70	
Rodriguez, Jesus (Jesse)	9.84	
Sanchez, Arthur	9.70	
Sanchez, Arthur rerate	9.70	
Sanchez, Christopher	9.80	
Trevino, Robert	9.73	
Veiga, Victor	9.83	
Zalewski, John	9.80	
MAXIMUM	9.84	
MINIMUM	9.63	
RANGE(MAX-MIN)	0.210	
MEAN	9.759	
STANDARD DEVIATION	0.100	
N SIZE	28.000	

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

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	-0.59	
Barrera, Tony	-0.59	
Bolaney, Jonathan	0.61	
Cales, Jonathon	0.61	
Cales, Jonathon rerate	0.61	
Campbell, Bryan	0.91	
Caproni, David	0.41	
Caproni, David rerate	0.41	
Crane, Jeffrey	-0.29	
De Armas, Raymond	-1.59	
DeCapite, Vanessa	-1.29	
Demel, Samuel	0.41	
Dominguez, Lucio	-0.59	
Foecking, Brian	-0.29	
Kobrinetz, Joaquin J.	-0.29	
Langford, Mike	0.41	
Lonsway, Chris	0.11	
Lopez, Frank	0.41	
Moore, Sean	-0.49	
Price, Gregory	0.51	
Rodriguez, Edward	-0.59	
Rodriguez, Jesus (Jesse)	0.81	
Sanchez, Arthur	-0.59	
Sanchez, Arthur rerate	-0.59	
Sanchez, Christopher	0.41	
Trevino, Robert	-0.29	
Veiga, Victor	0.71	
Zalewski, John	0.41	
MAXIMUM	-1.29	
MINIMUM	-0.29	
RANGE(MAX-MIN)	-1.000	
MEAN	0.000	
STANDARD DEVIATION	0.647	
N SIZE	28.000	

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

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	9.85	
Cales, Jonathon	9.80	
Cales, Jonathon rerate	9.80	
Campbell, Bryan	9.77	
Caproni, David	9.80	
Caproni, David rerate	9.80	
Crane, Jeffrey	9.76	
De Armas, Raymond	9.00	
DeCapite, Vanessa	9.62	
Demel, Samuel	9.70	
Dominguez, Lucio	9.70	
Foecking, Brian	9.80	
Kobrinetz, Joaquin J.	9.82	
Langford, Mike	9.71	
Lonsway, Chris	9.80	
Lopez, Frank	9.80	
Moore, Sean	9.70	
Price, Gregory	9.77	
Rodriguez, Edward	9.70	
Rodriguez, Jesus (Jesse)	9.84	
Sanchez, Arthur	9.80	
Sanchez, Arthur rerate	9.80	
Sanchez, Christopher	9.70	
Trevino, Robert	9.75	
Veiga, Victor	9.88	
Zalewski, John	9.80	
MAXIMUM	9.85	
MINIMUM	9.62	
RANGE(MAX-MIN)	0.230	
MEAN	9.779	
STANDARD DEVIATION	0.100	
N SIZE	28.000	

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

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	-0.79	
Barrera, Tony	-0.79	
Bolaney, Jonathan	0.71	
Cales, Jonathon	0.21	
Cales, Jonathon rerate	0.21	
Campbell, Bryan	-0.09	
Caproni, David	0.21	
Caproni, David rerate	0.21	
Crane, Jeffrey	-0.19	
De Armas, Raymond	-7.79	
DeCapite, Vanessa	-1.59	
Demel, Samuel	-0.79	
Dominguez, Lucio	-0.79	
Foecking, Brian	0.21	
Kobrinetz, Joaquin J.	0.41	
Langford, Mike	-0.69	
Lonsway, Chris	0.21	
Lopez, Frank	0.21	
Moore, Sean	-0.79	
Price, Gregory	-0.09	
Rodriguez, Edward	-0.79	
Rodriguez, Jesus (Jesse)	0.61	
Sanchez, Arthur	0.21	
Sanchez, Arthur rerate	0.21	
Sanchez, Christopher	-0.79	
Trevino, Robert	-0.29	
Veiga, Victor	1.01	
Zalewski, John	0.21	
MAXIMUM	-1.59	
MINIMUM	-0.09	
RANGE(MAX-MIN)	-1.500	
MEAN	0.000	
STANDARD DEVIATION	0.640	
N SIZE	28.000	

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

Part ID= VRCL - RC SLUDGE L

Rated Values

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

Rater	TOTALS	
Aguirre, Nancy P	9.38	
Barrera, Tony	9.57	
Bolaney, Jonathan	9.49	
Cales, Jonathon	9.29	
Campbell, Bryan	9.50	
Caproni, David	9.48	
Crane, Jeffrey	9.47	
De Armas, Raymond	9.74	
DeCapite, Vanessa	9.29	
Demel, Samuel	9.47	
Dominguez, Lucio	9.47	
Foecking, Brian	9.49	
Kobrinetz, Joaquin J.	9.52	
Langford, Mike	9.54	
Lonsway, Chris	9.43	
Lopez, Frank	9.45	
Moore, Sean	9.55	
Price, Gregory	9.47	
Rodriguez, Edward	9.37	
Rodriguez, Jesus (Jesse)	9.40	
Sanchez, Arthur	9.52	
Sanchez, Christopher	9.39	
Trevino, Robert	9.43	
Veiga, Victor	9.51	
Zalewski, John	9.43	
MAXIMUM	9.74	
MINIMUM	9.29	
RANGE(MAX-MIN)	0.450	
MEAN	9.466	
STANDARD DEVIATION	0.100	
N SIZE	25.000	

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

Part ID= VRCL - RC SLUDGE L

VRCL Yi Values

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

Rater	TOTALS	
Aguirre, Nancy P	-0.86	
Barrera, Tony	1.04	
Bolaney, Jonathan	0.24	
Cales, Jonathon	-1.76	
Campbell, Bryan	0.34	
Caproni, David	0.14	
Crane, Jeffrey	0.04	
De Armas, Raymond	2.74	
DeCapite, Vanessa	-1.76	
Demel, Samuel	0.04	
Dominguez, Lucio	0.04	
Foecking, Brian	0.24	
Kobrinetz, Joaquin J.	0.54	
Langford, Mike	0.74	
Lonsway, Chris	-0.36	
Lopez, Frank	-0.16	
Moore, Sean	0.84	
Price, Gregory	0.04	
Rodriguez, Edward	-0.96	
Rodriguez, Jesus (Jesse)	-0.66	
Sanchez, Arthur	0.54	
Sanchez, Christopher	-0.76	
Trevino, Robert	-0.36	
Veiga, Victor	0.44	
Zalewski, John	-0.36	
MAXIMUM	2.74	
MINIMUM	0.04	
RANGE(MAX-MIN)	2.700	
MEAN	0.000	
STANDARD DEVIATION	0.917	
N SIZE	25.000	

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

Part ID= VR CR - RC SLUDGE R

Rated Values

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

Rater	TOTALS	
Aguirre, Nancy P	9.51	
Barrera, Tony	9.64	
Bolaney, Jonathan	9.57	
Cales, Jonathon	9.53	
Campbell, Bryan	9.59	
Caproni, David	9.48	
Crane, Jeffrey	9.55	
De Armas, Raymond	9.75	
DeCapite, Vanessa	9.35	
Demel, Samuel	9.44	
Dominguez, Lucio	9.50	
Foecking, Brian	9.48	
Kobrinetz, Joaquin J.	9.47	
Langford, Mike	9.59	
Lonsway, Chris	9.46	
Lopez, Frank	9.41	
Moore, Sean	9.43	
Price, Gregory	9.44	
Rodriguez, Edward	9.41	
Rodriguez, Jesus (Jesse)	9.42	
Sanchez, Arthur	9.58	
Sanchez, Christopher	9.44	
Trevino, Robert	9.43	
Veiga, Victor	9.42	
Zalewski, John	9.51	
MAXIMUM	9.75	
MINIMUM	9.35	
RANGE(MAX-MIN)	0.400	
MEAN	9.496	
STANDARD DEVIATION	0.100	
N SIZE	25.000	

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

Part ID= VRRCR - RC SLUDGE R

VRRCR Yi Values

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

Rater	TOTALS	
Aguirre, Nancy P	0.14	
Barrera, Tony	1.44	
Bolaney, Jonathan	0.74	
Cales, Jonathon	0.34	
Campbell, Bryan	0.94	
Caproni, David	-0.16	
Crane, Jeffrey	0.54	
De Armas, Raymond	2.54	
DeCapite, Vanessa	-1.46	
Demel, Samuel	-0.56	
Dominguez, Lucio	0.04	
Foecking, Brian	-0.16	
Kobrinetz, Joaquin J.	-0.26	
Langford, Mike	0.94	
Lonsway, Chris	-0.36	
Lopez, Frank	-0.86	
Moore, Sean	-0.66	
Price, Gregory	-0.56	
Rodriguez, Edward	-0.86	
Rodriguez, Jesus (Jesse)	-0.76	
Sanchez, Arthur	0.84	
Sanchez, Christopher	-0.56	
Trevino, Robert	-0.66	
Veiga, Victor	-0.76	
Zalewski, John	0.14	
MAXIMUM	2.54	
MINIMUM	0.04	
RANGE(MAX-MIN)	2.500	
MEAN	0.000	
STANDARD DEVIATION	0.886	
N SIZE	25.000	

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

Part ID= VTCC - TC CVR SLUDGE

Rated Values

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

Rater	TOTALS	
Aguirre, Nancy P	9.48	
Barrera, Tony	9.43	
Bolaney, Jonathan	9.45	
Cales, Jonathon	9.43	
Campbell, Bryan	9.33	
Caproni, David	9.42	
Crane, Jeffrey	9.48	
De Armas, Raymond	9.75	
DeCapite, Vanessa	9.30	
Demel, Samuel	9.45	
Dominguez, Lucio	9.33	
Foecking, Brian	9.44	
Kobrinetz, Joaquin J.	9.41	
Langford, Mike	9.47	
Lonsway, Chris	9.50	
Lopez, Frank	9.45	
Moore, Sean	9.47	
Price, Gregory	9.41	
Rodriguez, Edward	9.43	
Rodriguez, Jesus (Jesse)	9.31	
Sanchez, Arthur	9.49	
Sanchez, Christopher	9.43	
Trevino, Robert	9.43	
Veiga, Victor	9.52	
Zalewski, John	9.47	
MAXIMUM	9.75	
MINIMUM	9.30	
RANGE(MAX-MIN)	0.450	
MEAN	9.443	
STANDARD DEVIATION	0.100	
N SIZE	25.000	

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

Part ID= VTCC - TC CVR SLUDGE

VTCC Yi Values

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

Rater	TOTALS	
Aguirre, Nancy P	0.37	
Barrera, Tony	-0.13	
Bolaney, Jonathan	0.07	
Cales, Jonathon	-0.13	
Campbell, Bryan	-1.13	
Caproni, David	-0.23	
Crane, Jeffrey	0.37	
De Armas, Raymond	3.07	
DeCapite, Vanessa	-1.43	
Demel, Samuel	0.07	
Dominguez, Lucio	-1.13	
Foecking, Brian	-0.03	
Kobrinetz, Joaquin J.	-0.33	
Langford, Mike	0.27	
Lonsway, Chris	0.57	
Lopez, Frank	0.07	
Moore, Sean	0.27	
Price, Gregory	-0.33	
Rodriguez, Edward	-0.13	
Rodriguez, Jesus (Jesse)	-1.33	
Sanchez, Arthur	0.47	
Sanchez, Christopher	-0.13	
Trevino, Robert	-0.13	
Veiga, Victor	0.77	
Zalewski, John	0.27	
MAXIMUM	-1.43	
MINIMUM	-0.03	
RANGE(MAX-MIN)	-1.400	
MEAN	-0.128	
STANDARD DEVIATION	0.589	
N SIZE	25.000	

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

Part ID= VVDL - VALVE DECK SLUDGE L

Rated Values

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

Rater	TOTALS	
Aguirre, Nancy P	8.38	
Barrera, Tony	8.83	
Bolaney, Jonathan	8.64	
Cales, Jonathon	8.73	
Campbell, Bryan	8.70	
Caproni, David	8.89	
Crane, Jeffrey	8.69	
De Armas, Raymond	8.72	
DeCapite, Vanessa	8.37	
Demel, Samuel	8.69	
Dominguez, Lucio	8.45	
Foecking, Brian	8.57	
Kobrinetz, Joaquin J.	8.68	
Langford, Mike	8.64	
Lonsway, Chris	8.73	
Lopez, Frank	8.46	
Moore, Sean	8.51	
Price, Gregory	8.27	
Rodriguez, Edward	8.48	
Rodriguez, Jesus (Jesse)	8.55	
Sanchez, Arthur	8.70	
Sanchez, Christopher	8.73	
Trevino, Robert	8.40	
Veiga, Victor	9.03	
Zalewski, John	8.69	
MAXIMUM	9.03	
MINIMUM	8.27	
RANGE(MAX-MIN)	0.760	
MEAN	8.621	
STANDARD DEVIATION	0.177	
N SIZE	25.000	

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

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	-1.37	
Barrera, Tony	1.18	
Bolaney, Jonathan	0.11	
Cales, Jonathon	0.62	
Campbell, Bryan	0.45	
Caproni, David	1.52	
Crane, Jeffrey	0.39	
De Armas, Raymond	0.56	
DeCapite, Vanessa	-1.42	
Demel, Samuel	0.39	
Dominguez, Lucio	-0.97	
Foecking, Brian	-0.29	
Kobrinetz, Joaquin J.	0.33	
Langford, Mike	0.11	
Lonsway, Chris	0.62	
Lopez, Frank	-0.91	
Moore, Sean	-0.63	
Price, Gregory	-1.99	
Rodriguez, Edward	-0.80	
Rodriguez, Jesus (Jesse)	-0.40	
Sanchez, Arthur	0.45	
Sanchez, Christopher	0.62	
Trevino, Robert	-1.25	
Veiga, Victor	2.32	
Zalewski, John	0.39	
MAXIMUM	2.32	
MINIMUM	0.11	
RANGE(MAX-MIN)	2.209	
MEAN	0.000	
STANDARD DEVIATION	1.000	
N SIZE	25.000	

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

Part ID= VVDR - VALVE DECK SLUDGE R

Rated Values

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

Rater	TOTALS	
Aguirre, Nancy P	7.66	
Barrera, Tony	7.79	
Bolaney, Jonathan	7.72	
Cales, Jonathon	7.85	
Campbell, Bryan	7.79	
Caproni, David	7.84	
Crane, Jeffrey	7.72	
De Armas, Raymond	7.82	
DeCapite, Vanessa	7.60	
Demel, Samuel	7.87	
Dominguez, Lucio	7.65	
Foecking, Brian	7.63	
Kobrinetz, Joaquin J.	7.70	
Langford, Mike	7.93	
Lonsway, Chris	7.90	
Lopez, Frank	7.68	
Moore, Sean	7.97	
Price, Gregory	7.70	
Rodriguez, Edward	7.66	
Rodriguez, Jesus (Jesse)	7.68	
Sanchez, Arthur	7.76	
Sanchez, Christopher	7.87	
Trevino, Robert	7.66	
Veiga, Victor	8.08	
Zalewski, John	7.70	
MAXIMUM	8.08	
MINIMUM	7.60	
RANGE(MAX-MIN)	0.480	
MEAN	7.769	
STANDARD DEVIATION	0.120	
N SIZE	25.000	

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

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	-0.91	
Barrera, Tony	0.17	
Bolaney, Jonathan	-0.41	
Cales, Jonathon	0.67	
Campbell, Bryan	0.17	
Caproni, David	0.59	
Crane, Jeffrey	-0.41	
De Armas, Raymond	0.42	
DeCapite, Vanessa	-1.40	
Demel, Samuel	0.84	
Dominguez, Lucio	-0.99	
Foecking, Brian	-1.16	
Kobrinetz, Joaquin J.	-0.57	
Langford, Mike	1.33	
Lonsway, Chris	1.09	
Lopez, Frank	-0.74	
Moore, Sean	1.67	
Price, Gregory	-0.57	
Rodriguez, Edward	-0.91	
Rodriguez, Jesus (Jesse)	-0.74	
Sanchez, Arthur	-0.08	
Sanchez, Christopher	0.84	
Trevino, Robert	-0.91	
Veiga, Victor	2.58	
Zalewski, John	-0.57	
MAXIMUM	2.58	
MINIMUM	-0.08	
RANGE(MAX-MIN)	2.656	
MEAN	0.000	
STANDARD DEVIATION	1.000	
N SIZE	25.000	

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

Part ID= VOP - OIL PAN SLUDGE

Rated Values

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

Rater	TOTALS	
Aguirre, Nancy P	7.72	
Barrera, Tony	7.79	
Bolaney, Jonathan	7.47	
Cales, Jonathon	7.54	
Campbell, Bryan	7.56	
Caproni, David	7.61	
Crane, Jeffrey	7.53	
De Armas, Raymond	7.47	
DeCapite, Vanessa	7.37	
Demel, Samuel	7.66	
Dominguez, Lucio	7.48	
Foecking, Brian	7.64	
Kobrinetz, Joaquin J.	7.46	
Langford, Mike	7.72	
Lonsway, Chris	7.64	
Lopez, Frank	7.66	
Moore, Sean	7.28	
Price, Gregory	7.45	
Rodriguez, Edward	7.40	
Rodriguez, Jesus (Jesse)	7.35	
Sanchez, Arthur	7.64	
Sanchez, Christopher	7.64	
Trevino, Robert	7.26	
Veiga, Victor	7.72	
Zalewski, John	7.55	
MAXIMUM	7.79	
MINIMUM	7.26	
RANGE(MAX-MIN)	0.530	
MEAN	7.544	
STANDARD DEVIATION	0.143	
N SIZE	25.000	

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

Part ID= VOP - OIL PAN SLUDGE

VOP Yi Values

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

Rater	TOTALS	
Aguirre, Nancy P	1.23	
Barrera, Tony	1.72	
Bolaney, Jonathan	-0.52	
Cales, Jonathon	-0.03	
Campbell, Bryan	0.11	
Caproni, David	0.46	
Crane, Jeffrey	-0.10	
De Armas, Raymond	-0.52	
DeCapite, Vanessa	-1.22	
Demel, Samuel	0.81	
Dominguez, Lucio	-0.45	
Foecking, Brian	0.67	
Kobrinetz, Joaquin J.	-0.59	
Langford, Mike	1.23	
Lonsway, Chris	0.67	
Lopez, Frank	0.81	
Moore, Sean	-1.85	
Price, Gregory	-0.66	
Rodriguez, Edward	-1.01	
Rodriguez, Jesus (Jesse)	-1.36	
Sanchez, Arthur	0.67	
Sanchez, Christopher	0.67	
Trevino, Robert	-1.99	
Veiga, Victor	1.23	
Zalewski, John	0.04	
MAXIMUM	-1.99	
MINIMUM	-0.03	
RANGE(MAX-MIN)	-1.956	
MEAN	0.000	
STANDARD DEVIATION	1.000	
N SIZE	25.000	

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

Part ID= VOPB - OIL PAN BFL SLUDGE

Rated Values

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

Rater	TOTALS	
Aguirre, Nancy P	9.10	
Barrera, Tony	9.27	
Bolaney, Jonathan	8.72	
Cales, Jonathon	9.26	
Campbell, Bryan	9.15	
Caproni, David	9.10	
Crane, Jeffrey	9.08	
De Armas, Raymond	8.72	
DeCapite, Vanessa	9.13	
Demel, Samuel	9.11	
Dominguez, Lucio	9.11	
Foecking, Brian	9.04	
Kobrinetz, Joaquin J.	9.03	
Langford, Mike	9.16	
Lonsway, Chris	9.03	
Lopez, Frank	9.17	
Moore, Sean	8.59	
Price, Gregory	8.60	
Rodriguez, Edward	8.83	
Rodriguez, Jesus (Jesse)	8.64	
Sanchez, Arthur	8.79	
Sanchez, Christopher	9.09	
Trevino, Robert	9.13	
Veiga, Victor	9.36	
Zalewski, John	9.02	
MAXIMUM	9.36	
MINIMUM	8.59	
RANGE(MAX-MIN)	0.770	
MEAN	9.009	
STANDARD DEVIATION	0.217	
N SIZE	25.000	

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

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	0.42	
Barrera, Tony	1.20	
Bolaney, Jonathan	-1.33	
Cales, Jonathon	1.16	
Campbell, Bryan	0.65	
Caproni, David	0.42	
Crane, Jeffrey	0.33	
De Armas, Raymond	-1.33	
DeCapite, Vanessa	0.56	
Demel, Samuel	0.46	
Dominguez, Lucio	0.46	
Foecking, Brian	0.14	
Kobrinetz, Joaquin J.	0.10	
Langford, Mike	0.70	
Lonsway, Chris	0.10	
Lopez, Frank	0.74	
Moore, Sean	-1.93	
Price, Gregory	-1.89	
Rodriguez, Edward	-0.83	
Rodriguez, Jesus (Jesse)	-1.70	
Sanchez, Arthur	-1.01	
Sanchez, Christopher	0.37	
Trevino, Robert	0.56	
Veiga, Victor	1.62	
Zalewski, John	0.05	
MAXIMUM	-1.93	
MINIMUM	0.05	
RANGE(MAX-MIN)	-1.983	
MEAN	0.000	
STANDARD DEVIATION	1.000	
N SIZE	25.000	

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

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	1.00
Barrera, Tony	1.00	1.00
Bolaney, Jonathan	1.00	0.00
Cales, Jonathon	2.00	0.00
Campbell, Bryan	2.00	0.00
Caproni, David	2.00	1.00
Crane, Jeffrey	3.00	1.00
De Armas, Raymond	4.00	1.00
DeCapite, Vanessa	2.00	1.00
Demel, Samuel	1.00	0.00
Dominguez, Lucio	1.00	0.00
Foecking, Brian	2.00	1.00
Kobrinetz, Joaquin J.	2.00	0.00
Langford, Mike	2.00	0.00
Lonsway, Chris	2.00	0.00
Lopez, Frank	0.00	0.00
Moore, Sean	3.00	0.00
Price, Gregory	3.00	0.00
Rodriguez, Edward	1.00	0.00
Rodriguez, Jesus (Jesse)	1.00	0.00
Sanchez, Arthur	0.00	1.00
Sanchez, Christopher	1.00	0.00
Trevino, Robert	0.00	0.00
Veiga, Victor	3.00	0.00
Zalewski, John	4.00	0.00
MAXIMUM	4.00	1.00
MINIMUM	0.00	0.00
RANGE(MAX-MIN)	4.000	1.000
MEAN	1.720	0.320
STANDARD DEVIATION	1.173	0.476
N SIZE	25.000	

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

Part ID= OILSCR - OIL SCREEN

OILSCR Y1 Values

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

Rater	P1	P2
Aguirre, Nancy P	-1.47	1.43
Barrera, Tony	-0.61	1.43
Bolaney, Jonathan	-0.61	-0.67
Cales, Jonathon	0.24	-0.67
Campbell, Bryan	0.24	-0.67
Caproni, David	0.24	1.43
Crane, Jeffrey	1.09	1.43
De Armas, Raymond	1.94	1.43
DeCapite, Vanessa	0.24	1.43
Demel, Samuel	-0.61	-0.67
Dominguez, Lucio	-0.61	-0.67
Foecking, Brian	0.24	1.43
Kobrinetz, Joaquin J.	0.24	-0.67
Langford, Mike	0.24	-0.67
Lonsway, Chris	0.24	-0.67
Lopez, Frank	-1.47	-0.67
Moore, Sean	1.09	-0.67
Price, Gregory	1.09	-0.67
Rodriguez, Edward	-0.61	-0.67
Rodriguez, Jesus (Jesse)	-0.61	-0.67
Sanchez, Arthur	-1.47	1.43
Sanchez, Christopher	-0.61	-0.67
Trevino, Robert	-1.47	-0.67
Veiga, Victor	1.09	-0.67
Zalewski, John	1.94	-0.67
MAXIMUM	1.94	1.43
MINIMUM	0.24	-0.67
RANGE(MAX-MIN)	1.705	2.100
MEAN	0.000	0.000
STANDARD DEVIATION	1.000	1.000
N SIZE	25.000	

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

Rater= Aguirre, Nancy P

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	FRTOT	RRTOT	THTOT	ATTOT
A1-SEQUENCE IIIH PISTON	-0.36	-0.33	-0.32	-0.07	0.22			0.02	0.00
A2-SEQUENCE IIIH PISTON	0.52	0.02	-0.49	0.49	0.13			0.09	0.12
A3-SEQUENCE IIIH PISTON	0.18	-0.36	-0.31	0.72	-0.38			-0.08	0.08
A4-GMOD PISTON	-0.11	0.53	1.02	-0.95	0.26			0.64	-0.06
A5-GMOD PISTON	0.09	0.34	0.22	-0.43	-0.30			0.12	-0.20
A6-GMOD PISTON	0.11	0.64	-0.09	-0.83	-0.14			0.15	-0.31
B1-SEQUENCE IIIH PISTON	0.03	0.01	-0.37	1.40	0.30			-0.18	-0.12
B2-SEQUENCE IIIH PISTON	0.07	-0.31	-1.87	0.91	0.55			0.06	-0.01
B3-SEQUENCE IIIH PISTON	-0.13	0.08	-0.30	-0.32	0.46			0.00	0.01
B4-GMOD PISTON	-0.06	1.07	0.77	-0.41	-0.69			-0.11	-0.20
B5-GMOD PISTON	0.03	-0.07	-0.22	0.09	-1.20			0.86	-0.07
B6-GMOD PISTON	0.06	0.06	-1.18	0.90	0.00			-0.07	-0.22
C1-SEQUENCE IIIH PISTON									
C2-SEQUENCE IIIH PISTON									
C3-SEQUENCE IIIH PISTON									
C4-GMOD PISTON									
C5-GMOD PISTON									
C6-GMOD PISTON									
MAXIMUM	0.52	1.07	-1.87	1.40	-1.20			0.86	-0.31
MINIMUM	0.03	0.01	-0.09	-0.07	0.00			0.00	0.00
RANGE(MAX-MIN)	0.490	1.060	-1.780	1.470	-1.200			0.860	-0.310
MEAN	0.036	0.140	-0.262	0.125	-0.066			0.125	-0.082
STANDARD DEVIATION	0.209	0.433	0.767	0.753	0.509			0.311	0.131

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

Rater= Barrera, Tony

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	FRTOT	RRTOT	THTOT	ATTOT
A1-SEQUENCE IIIH PISTON	-1.15	0.20	0.97	0.94	-1.48			-0.48	-0.20
A2-SEQUENCE IIIH PISTON	-0.92	0.02	0.01	-0.11	-0.69			-0.41	-0.38
A3-SEQUENCE IIIH PISTON	0.18	1.68	-1.21	0.32	-0.70			-0.78	-0.72
A4-GMOD PISTON	-0.11	0.19	-0.14	-0.85	-0.87			0.64	0.24
A5-GMOD PISTON	-0.01	0.71	0.42	-0.50	-0.30			-0.08	0.10
A6-GMOD PISTON	0.31	-0.23	-0.09	-0.25	-0.14			0.25	0.49
B1-SEQUENCE IIIH PISTON	0.03	0.01	-1.57	0.60	0.21			-0.68	-0.62
B2-SEQUENCE IIIH PISTON	0.07	0.15	-1.37	0.75	-0.13			-0.44	-0.21
B3-SEQUENCE IIIH PISTON	2.69	-0.02	-0.60	-0.72	-0.06			-0.40	-0.19
B4-GMOD PISTON	-0.36	-0.96	0.37	0.08	-0.99			0.29	0.30
B5-GMOD PISTON	-0.17	-1.12	-0.22	-0.01	0.00			1.51	0.63
B6-GMOD PISTON	0.36	0.16	0.52	0.57	-0.30			0.13	0.68
C1-SEQUENCE IIIH PISTON									
C2-SEQUENCE IIIH PISTON									
C3-SEQUENCE IIIH PISTON									
C4-GMOD PISTON									
C5-GMOD PISTON									
C6-GMOD PISTON									
MAXIMUM	2.69	1.68	-1.57	0.94	-1.48			1.51	-0.72
MINIMUM	-0.01	0.01	0.01	-0.01	0.00			-0.08	0.10
RANGE(MAX-MIN)	2.700	1.670	-1.580	0.950	-1.480			1.590	-0.820
MEAN	0.077	0.066	-0.243	0.068	-0.454			-0.038	0.010
STANDARD DEVIATION	0.942	0.715	0.801	0.584	0.494			0.651	0.469

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

Rater= Bolaney, Jonathan

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	FRTOT	RRTOT	THTOT	ATTOT
A1-SEQUENCE IIIH PISTON									
A2-SEQUENCE IIIH PISTON									
A3-SEQUENCE IIIH PISTON									
A4-GMOD PISTON									
A5-GMOD PISTON									
A6-GMOD PISTON									
B1-SEQUENCE IIIH PISTON	0.03	-0.09	0.33	-0.30	-1.17			-0.18	-0.12
B2-SEQUENCE IIIH PISTON	0.07	-0.34	0.53	-0.28	-0.98			0.06	-0.01
B3-SEQUENCE IIIH PISTON	0.62	-0.12	0.50	1.08	-1.22			0.00	0.01
B4-GMOD PISTON	0.24	-0.60	1.25	-0.87	0.81			-0.11	-0.20
B5-GMOD PISTON	-0.07	0.19	0.38	-0.41	0.20			-0.78	-1.17
B6-GMOD PISTON	-0.14	-0.51	0.72	-0.99	0.30			0.03	-0.22
C1-SEQUENCE IIIH PISTON	1.21	0.04	-2.30	-0.83	-1.95			-0.16	-0.15
C2-SEQUENCE IIIH PISTON	-0.59	0.01	0.15	-0.23	-1.26			-0.06	-0.10
C3-SEQUENCE IIIH PISTON	-0.15	0.01	1.25	-0.30	-1.49			-0.29	-0.08
C4-GMOD PISTON	0.09	0.86	1.15	-0.26	1.41			-0.60	-0.22
C5-GMOD PISTON	0.15	0.57	1.30	-0.96	1.82			-0.62	-0.14
C6-GMOD PISTON	0.00	0.16	1.16	-0.58	0.83			-1.33	-0.04
MAXIMUM	1.21	0.86	-2.30	1.08	-1.95			-1.33	-1.17
MINIMUM	0.00	0.01	0.15	-0.23	0.20			0.00	-0.01
RANGE(MAX-MIN)	1.210	0.850	-2.450	1.310	-2.150			-1.330	-1.160
MEAN	0.122	0.015	0.535	-0.411	-0.225			-0.337	-0.203
STANDARD DEVIATION	0.443	0.414	0.985	0.554	1.265			0.418	0.314

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

Rater= Cales, Jonathon

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	FRTOT	RRTOT	THTOT	ATTOT
A1-SEQUENCE IIIH PISTON	0.65	-1.03	-1.34	-0.49	0.02			-0.38	-0.20
A2-SEQUENCE IIIH PISTON	1.42	-0.08	-0.09	-0.21	-1.32			-0.01	0.12
A3-SEQUENCE IIIH PISTON	-0.02	1.59	-0.61	-0.49	-1.13			-0.08	-0.12
A4-GMOD PISTON	-0.11	-1.00	-1.02	0.45	-2.23			-0.46	-0.36
A5-GMOD PISTON	0.09	-1.41	0.82	-0.25	-0.10			-0.48	0.30
A6-GMOD PISTON	0.11	-1.51	0.21	-0.61	-0.24			-0.25	0.19
B1-SEQUENCE IIIH PISTON									
B2-SEQUENCE IIIH PISTON									
B3-SEQUENCE IIIH PISTON									
B4-GMOD PISTON									
B5-GMOD PISTON									
B6-GMOD PISTON									
C1-SEQUENCE IIIH PISTON	-0.19	0.04	0.19	0.14	-0.51			0.34	0.35
C2-SEQUENCE IIIH PISTON	1.26	0.01	0.05	-2.13	-1.21			-0.16	-0.10
C3-SEQUENCE IIIH PISTON	0.25	0.01	-0.86	0.10	-0.69			0.01	0.02
C4-GMOD PISTON	-0.11	-0.88	-1.17	-0.46	-0.70			-0.20	-0.22
C5-GMOD PISTON	-0.25	0.10	-0.88	-1.49	-1.20			0.08	-0.04
C6-GMOD PISTON	0.00	-0.81	-1.34	-0.18	-0.31			-1.63	0.06
MAXIMUM	1.42	1.59	-1.34	-2.13	-2.23			-1.63	-0.36
MINIMUM	0.00	0.01	0.05	0.10	0.02			-0.01	0.02
RANGE(MAX-MIN)	1.420	1.580	-1.390	-2.230	-2.250			-1.620	-0.380
MEAN	0.258	-0.414	-0.503	-0.468	-0.802			-0.268	0.000
STANDARD DEVIATION	0.559	0.866	0.714	0.711	0.645			0.490	0.216

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

Rater= Cales, Jonathon rerate

YI Values

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

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

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

Rater= Campbell, Bryan

YI Values

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

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

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

Rater= Caproni, David

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	FRTOT	RRTOT	THTOT	ATTOT	
A1-SEQUENCE IIIH PISTON										
A2-SEQUENCE IIIH PISTON										
A3-SEQUENCE IIIH PISTON										
A4-GMOD PISTON										
A5-GMOD PISTON										
A6-GMOD PISTON										
B1-SEQUENCE IIIH PISTON	0.03	0.41	-0.37	0.10	0.86			-0.18	-0.12	
B2-SEQUENCE IIIH PISTON	-0.03	-0.83	-0.47	2.06	2.14			0.06	-0.01	
B3-SEQUENCE IIIH PISTON	1.54	0.38	-0.90	0.48	0.22			0.00	0.01	
B4-GMOD PISTON	0.04	1.22	-0.19	1.28	-0.09			-0.01	-0.20	
B5-GMOD PISTON	0.03	1.04	-1.32	0.99	-0.30			-0.12	-0.17	
B6-GMOD PISTON	-0.04	1.21	-0.58	-0.21	-1.50			0.03	-0.22	
C1-SEQUENCE IIIH PISTON	-0.99	0.04	0.54	-1.66	1.15			-0.16	-0.15	
C2-SEQUENCE IIIH PISTON	-0.29	0.01	0.35	0.63	0.68			-0.06	-0.10	
C3-SEQUENCE IIIH PISTON	-1.53	0.01	-0.75	0.20	1.44			0.31	0.22	
C4-GMOD PISTON	-0.21	0.47	-0.50	0.94	-1.11			0.20	-0.22	
C5-GMOD PISTON	-0.55	1.03	0.35	1.40	-0.14			0.38	-0.14	
C6-GMOD PISTON	0.00	1.80	-0.62	0.62	-1.39			0.36	-0.04	
MAXIMUM	1.54	1.80	-1.32	2.06	2.14			0.38	-0.22	
MINIMUM	0.00	0.01	-0.19	0.10	-0.09			0.00	-0.01	
RANGE(MAX-MIN)	1.540	1.790	-1.130	1.960	2.230			0.380	-0.210	
MEAN	-0.167	0.566	-0.372	0.569	0.163			0.068	-0.095	
STANDARD DEVIATION	0.726	0.721	0.553	0.938	1.146			0.199	0.126	

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

Rater= Caproni, David rerate

YI Values

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

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

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

Rater= Crane, Jeffrey

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	FRTOT	RRTOT	THTOT	ATTOT
A1-SEQUENCE IIIH PISTON									
A2-SEQUENCE IIIH PISTON									
A3-SEQUENCE IIIH PISTON									
A4-GMOD PISTON									
A5-GMOD PISTON									
A6-GMOD PISTON									
B1-SEQUENCE IIIH PISTON	0.03	-0.09	-1.07	0.50	0.01			-0.18	-0.52
B2-SEQUENCE IIIH PISTON	-0.13	-0.27	-0.67	0.08	0.28			0.06	-0.01
B3-SEQUENCE IIIH PISTON	0.85	-0.12	-1.10	-0.42	0.46			-0.20	-0.49
B4-GMOD PISTON	-0.16	-0.86	-0.11	-0.27	-1.49			-0.31	-0.20
B5-GMOD PISTON	0.23	-1.70	-0.92	-0.11	-1.20			0.27	-0.37
B6-GMOD PISTON	0.26	-0.97	-0.68	-0.32	-1.10			-0.07	-0.22
C1-SEQUENCE IIIH PISTON	-1.29	0.04	-0.10	1.71	0.26			-0.16	-0.25
C2-SEQUENCE IIIH PISTON	0.04	-0.09	-0.95	0.24	-0.11			-0.26	-0.20
C3-SEQUENCE IIIH PISTON	-0.97	-0.09	-0.22	-0.10	0.98			0.01	-0.08
C4-GMOD PISTON	-0.11	0.54	-0.08	-1.46	0.40			0.00	-0.22
C5-GMOD PISTON	-0.05	-0.45	0.46	-0.43	-0.07			0.18	-0.24
C6-GMOD PISTON	-0.20	0.12	0.44	-1.88	-0.38			0.06	-0.14
MAXIMUM	-1.29	-1.70	-1.10	-1.88	-1.49			-0.31	-0.52
MINIMUM	0.03	0.04	-0.08	0.08	0.01			0.00	-0.01
RANGE(MAX-MIN)	-1.320	-1.740	-1.020	-1.960	-1.500			-0.310	-0.510
MEAN	-0.125	-0.328	-0.417	-0.205	-0.163			-0.050	-0.245
STANDARD DEVIATION	0.553	0.595	0.557	0.902	0.750			0.178	0.151

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

Rater= De Armas, Raymond

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	FRTOT	RRTOT	THTOT	ATTOT
A1-SEQUENCE IIIH PISTON	2.66	0.20	-0.05	0.81	1.12			-0.08	0.00
A2-SEQUENCE IIIH PISTON	0.52	0.12	-0.99	0.79	-1.58			0.09	0.12
A3-SEQUENCE IIIH PISTON	-0.32	4.14	-0.51	0.20	-1.13			-0.08	0.08
A4-GMOD PISTON	-0.11	0.05	-0.73	-0.55	-0.60			0.74	-0.06
A5-GMOD PISTON	0.09	0.21	-0.58	0.12	-1.30			0.22	-0.20
A6-GMOD PISTON	0.11	1.84	-0.19	0.20	-0.14			0.15	-0.31
B1-SEQUENCE IIIH PISTON	0.03	0.01	-2.57	1.40	-1.55			-0.28	-0.22
B2-SEQUENCE IIIH PISTON	0.07	-0.09	-1.27	-0.12	-0.60			0.06	-0.01
B3-SEQUENCE IIIH PISTON	0.85	0.08	-3.10	4.28	-4.86			0.00	0.01
B4-GMOD PISTON	0.54	0.02	-1.87	0.39	-0.69			-0.01	-0.20
B5-GMOD PISTON	0.13	0.45	-0.02	1.79	-0.80			1.12	0.33
B6-GMOD PISTON	1.66	0.12	-1.88	0.44	-1.10			0.03	-0.22
C1-SEQUENCE IIIH PISTON									
C2-SEQUENCE IIIH PISTON									
C3-SEQUENCE IIIH PISTON									
C4-GMOD PISTON									
C5-GMOD PISTON									
C6-GMOD PISTON									
MAXIMUM	2.66	4.14	-3.10	4.28	-4.86			1.12	0.33
MINIMUM	0.03	0.01	-0.02	0.12	-0.14			0.00	0.00
RANGE(MAX-MIN)	2.630	4.130	-3.080	4.160	-4.720			1.120	0.330
MEAN	0.519	0.274	-1.147	0.813	-1.103			0.163	-0.057
STANDARD DEVIATION	0.855	0.538	1.010	1.265	1.389			0.388	0.183

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

Rater= DeCapite, Vanessa

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	FRTOT	RRTOT	THTOT	ATTOT
A1-SEQUENCE IIIH PISTON	1.27	1.95	-1.54	0.65	-0.18			0.02	0.00
A2-SEQUENCE IIIH PISTON	0.39	0.02	-0.29	-0.01	-0.44			0.09	0.12
A3-SEQUENCE IIIH PISTON	-0.22	-0.06	-0.91	1.55	-0.01			-0.08	0.08
A4-GMOD PISTON	-0.11	-0.93	-0.97	1.35	-0.12			-0.16	0.24
A5-GMOD PISTON	-0.01	-0.22	0.22	1.22	-0.30			0.12	0.20
A6-GMOD PISTON	0.01	-0.27	-0.39	0.78	0.16			0.25	0.19
B1-SEQUENCE IIIH PISTON									
B2-SEQUENCE IIIH PISTON									
B3-SEQUENCE IIIH PISTON									
B4-GMOD PISTON									
B5-GMOD PISTON									
B6-GMOD PISTON									
C1-SEQUENCE IIIH PISTON	0.71	0.04	-0.49	0.36	-0.59			-0.16	-0.15
C2-SEQUENCE IIIH PISTON	-0.34	0.01	-1.65	0.14	-0.91			-0.06	-0.10
C3-SEQUENCE IIIH PISTON	0.34	0.01	-1.10	0.60	-0.69			0.31	0.22
C4-GMOD PISTON	0.09	-1.80	-1.52	1.24	-1.00			-0.20	0.08
C5-GMOD PISTON	0.15	-1.89	-1.95	0.63	-1.35			0.28	0.16
C6-GMOD PISTON	0.00	-1.17	-1.27	0.82	-0.70			0.36	0.16
MAXIMUM	1.27	1.95	-1.95	1.55	-1.35			0.36	0.24
MINIMUM	0.00	0.01	0.22	-0.01	-0.01			0.02	0.00
RANGE(MAX-MIN)	1.270	1.940	-2.170	1.560	-1.340			0.340	0.240
MEAN	0.190	-0.359	-0.988	0.778	-0.511			0.064	0.100
STANDARD DEVIATION	0.443	1.019	0.647	0.487	0.446			0.200	0.125

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

Rater= Demel, Samuel

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	FRTOT	RRTOT	THTOT	ATTOT
A1-SEQUENCE IIIH PISTON	-0.28	2.39	-0.19	0.94	1.52			-0.08	-0.10
A2-SEQUENCE IIIH PISTON	-0.05	0.02	-0.09	-0.21	-2.34			1.09	1.12
A3-SEQUENCE IIIH PISTON	-0.02	2.04	-1.31	2.12	0.07			0.82	0.78
A4-GMOD PISTON	-0.11	0.30	0.09	1.85	-0.76			-0.56	-0.46
A5-GMOD PISTON	-0.01	0.15	0.32	-0.31	0.60			-0.18	-0.30
A6-GMOD PISTON	0.11	1.43	-0.19	1.00	-0.24			0.15	-0.41
B1-SEQUENCE IIIH PISTON									
B2-SEQUENCE IIIH PISTON									
B3-SEQUENCE IIIH PISTON									
B4-GMOD PISTON									
B5-GMOD PISTON									
B6-GMOD PISTON									
C1-SEQUENCE IIIH PISTON									
C2-SEQUENCE IIIH PISTON									
C3-SEQUENCE IIIH PISTON									
C4-GMOD PISTON									
C5-GMOD PISTON									
C6-GMOD PISTON									
MAXIMUM	-0.28	2.39	-1.31	2.12	-2.34			1.09	1.12
MINIMUM	-0.01	0.02	-0.09	-0.21	0.07			-0.08	-0.10
RANGE(MAX-MIN)	-0.270	2.370	-1.220	2.330	-2.410			1.170	1.220
MEAN	-0.060	1.055	-0.228	0.898	-0.192			0.207	0.105
STANDARD DEVIATION	0.130	1.035	0.565	1.010	1.309			0.629	0.675

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

Rater= Dominguez, Lucio

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	FRTOT	RRTOT	THTOT	ATTOT
A1-SEQUENCE IIIH PISTON	-1.15	-0.77	0.36	-2.51	-1.08			0.02	0.00
A2-SEQUENCE IIIH PISTON	-0.25	0.02	-0.09	-0.21	-1.64			-0.51	-0.38
A3-SEQUENCE IIIH PISTON	-0.22	-1.38	-0.21	-1.69	-1.18			-0.18	0.08
A4-GMOD PISTON									
A5-GMOD PISTON	-0.01	-0.28	-0.58	-1.41	-0.30			0.12	-0.20
A6-GMOD PISTON	0.11	-0.04	-0.19	-1.82	-0.14			1.15	0.69
B1-SEQUENCE IIIH PISTON	0.03	0.01	-0.97	1.00	0.21			-0.18	-0.12
B2-SEQUENCE IIIH PISTON	0.07	-1.86	-0.47	-1.65	-1.11			-0.04	-0.11
B3-SEQUENCE IIIH PISTON									
B4-GMOD PISTON									
B5-GMOD PISTON	-0.07	0.06	-0.32	-0.91	-0.10			0.66	0.43
B6-GMOD PISTON									
C1-SEQUENCE IIIH PISTON	-0.89	0.04	0.33	-0.68	-1.36			0.84	0.85
C2-SEQUENCE IIIH PISTON									
C3-SEQUENCE IIIH PISTON	-0.97	0.01	-2.45	-0.80	-1.58			0.21	0.12
C4-GMOD PISTON									
C5-GMOD PISTON									
C6-GMOD PISTON									
MAXIMUM	-1.15	-1.86	-2.45	-2.51	-1.64			1.15	0.85
MINIMUM	-0.01	0.01	-0.09	-0.21	-0.10			0.02	0.00
RANGE(MAX-MIN)	-1.140	-1.870	-2.360	-2.300	-1.540			1.130	0.850
MEAN	-0.335	-0.419	-0.459	-1.068	-0.828			0.209	0.136
STANDARD DEVIATION	0.479	0.690	0.804	0.986	0.678			0.518	0.399

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

Rater= Foecking, Brian

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	FRTOT	RRTOT	THTOT	ATTOT
A1-SEQUENCE IIIH PISTON	1.49	0.46	0.42	-0.61	-0.08			0.02	0.00
A2-SEQUENCE IIIH PISTON	-1.46	0.12	0.11	-0.11	-0.75			0.09	0.12
A3-SEQUENCE IIIH PISTON	0.18	-0.03	0.39	0.20	-0.58			-0.08	0.08
A4-GMOD PISTON	-0.11	-0.51	-0.73	0.95	0.02			-0.46	-0.06
A5-GMOD PISTON	0.09	1.09	0.32	1.40	0.20			-0.18	-0.20
A6-GMOD PISTON	-0.19	1.16	0.41	1.54	-0.14			-0.15	-0.31
B1-SEQUENCE IIIH PISTON	0.03	0.01	0.13	-0.40	-0.31			-0.18	-0.12
B2-SEQUENCE IIIH PISTON	0.07	-0.06	0.53	0.02	-0.23			0.06	-0.01
B3-SEQUENCE IIIH PISTON	-1.05	0.08	0.80	1.48	-0.29			0.00	0.01
B4-GMOD PISTON	0.04	-1.03	0.29	0.36	1.11			-0.31	0.30
B5-GMOD PISTON	-0.07	0.97	0.58	-0.61	-0.30			-1.70	0.03
B6-GMOD PISTON	0.16	1.29	1.22	-0.83	0.70			-0.07	0.28
C1-SEQUENCE IIIH PISTON									
C2-SEQUENCE IIIH PISTON									
C3-SEQUENCE IIIH PISTON									
C4-GMOD PISTON									
C5-GMOD PISTON									
C6-GMOD PISTON									
MAXIMUM	1.49	1.29	1.22	1.54	1.11			-1.70	-0.31
MINIMUM	0.03	0.01	0.11	0.02	0.02			0.00	0.00
RANGE(MAX-MIN)	1.460	1.280	1.110	1.520	1.090			-1.700	-0.310
MEAN	-0.068	0.296	0.373	0.283	-0.054			-0.247	0.010
STANDARD DEVIATION	0.709	0.716	0.460	0.866	0.520			0.484	0.177

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

Rater= Kobrinetz, Joaquin J.

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	FRTOT	RRTOT	THTOT	ATTOT
A1-SEQUENCE IIIH PISTON	-0.39	0.02	0.22	-0.95	0.62			0.22	0.20
A2-SEQUENCE IIIH PISTON	0.96	-0.08	0.41	-0.51	-0.06			-0.51	-0.88
A3-SEQUENCE IIIH PISTON	-0.32	0.42	0.59	-0.06	1.15			0.52	-0.02
A4-GMOD PISTON	-0.11	0.56	0.09	0.65	0.26			0.34	0.64
A5-GMOD PISTON	-0.11	-0.10	-0.78	0.97	0.50			0.32	0.10
A6-GMOD PISTON	-0.39	0.18	0.61	0.02	0.76			0.55	0.19
B1-SEQUENCE IIIH PISTON	-0.07	-0.09	0.23	-0.30	-0.89			0.62	0.38
B2-SEQUENCE IIIH PISTON	0.07	0.75	0.53	0.28	-0.33			-0.64	-0.41
B3-SEQUENCE IIIH PISTON	0.68	-0.22	0.20	-0.72	0.41			-0.10	-0.09
B4-GMOD PISTON	-0.06	-0.13	-2.11	0.13	-0.59			0.39	0.50
B5-GMOD PISTON	0.03	0.38	-0.52	-0.31	0.40			-0.58	0.03
B6-GMOD PISTON	0.16	-0.26	-0.28	0.46	-0.20			0.23	0.18
C1-SEQUENCE IIIH PISTON	-0.29	-0.06	0.54	-0.16	0.26			0.34	0.35
C2-SEQUENCE IIIH PISTON	1.64	-0.09	0.65	1.22	0.44			0.14	0.30
C3-SEQUENCE IIIH PISTON	0.34	-0.09	-0.63	-0.10	-0.02			-0.89	-0.78
C4-GMOD PISTON	-0.21	-0.70	-0.15	-0.36	-0.15			0.30	0.28
C5-GMOD PISTON	0.15	-1.03	-0.12	0.04	-0.14			-1.42	-0.44
C6-GMOD PISTON	0.00	0.38	-0.15	0.32	0.38			-0.04	-0.74
MAXIMUM	1.64	-1.03	-2.11	1.22	1.15			-1.42	-0.88
MINIMUM	0.00	0.02	0.09	0.02	-0.02			-0.04	-0.02
RANGE(MAX-MIN)	1.640	-1.050	-2.200	1.200	1.170			-1.380	-0.860
MEAN	0.116	-0.009	-0.037	0.034	0.156			-0.012	-0.012
STANDARD DEVIATION	0.518	0.427	0.681	0.557	0.499			0.568	0.455

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

Rater= Langford, Mike

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	FRTOT	RRTOT	THTOT	ATTOT	
A1-SEQUENCE IIIH PISTON	-1.26	-2.35	-1.48	0.98	-0.58			0.52	0.80	
A2-SEQUENCE IIIH PISTON	0.42	-0.68	0.11	1.59	-0.75			0.79	0.92	
A3-SEQUENCE IIIH PISTON	-0.12	-0.36	-2.01	0.86	-1.61			0.62	0.88	
A4-GMOD PISTON	-0.31	-0.74	-0.41	2.65	-1.30			-0.96	-0.26	
A5-GMOD PISTON	-1.11	-2.84	-0.58	1.46	-0.30			-1.18	-1.20	
A6-GMOD PISTON	-0.19	-0.98	-0.09	1.27	-1.14			-0.85	-0.31	
B1-SEQUENCE IIIH PISTON	0.03	0.01	-0.57	0.30	-0.01			-1.18	-0.12	
B2-SEQUENCE IIIH PISTON	-0.13	-1.12	-2.27	-0.53	-0.83			0.06	-0.01	
B3-SEQUENCE IIIH PISTON	-1.28	-0.22	-1.30	-0.72	-5.29			-1.00	0.01	
B4-GMOD PISTON	-0.26	-0.51	-2.27	-2.38	-0.19			-1.01	-0.20	
B5-GMOD PISTON	-0.47	-2.42	-0.32	4.49	-0.10			1.32	-0.17	
B6-GMOD PISTON	-0.24	0.44	0.42	-4.04	0.70			-0.37	-0.22	
C1-SEQUENCE IIIH PISTON										
C2-SEQUENCE IIIH PISTON										
C3-SEQUENCE IIIH PISTON										
C4-GMOD PISTON										
C5-GMOD PISTON										
C6-GMOD PISTON										
MAXIMUM	-1.28	-2.84	-2.27	4.49	-5.29			1.32	-1.20	
MINIMUM	0.03	0.01	-0.09	0.30	-0.01			0.06	-0.01	
RANGE(MAX-MIN)	-1.310	-2.850	-2.180	4.190	-5.280			1.260	-1.190	
MEAN	-0.410	-0.981	-0.898	0.494	-0.950			-0.270	0.010	
STANDARD DEVIATION	0.533	1.034	0.939	2.238	1.506			0.891	0.603	

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

Rater= Lonsway, Chris

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	FRTOT	RRTOT	THTOT	ATTOT
A1-SEQUENCE IIIH PISTON	0.35	-0.33	0.49	0.35	0.82			0.02	0.00
A2-SEQUENCE IIIH PISTON	0.45	0.12	0.11	-0.01	-0.37			0.09	0.12
A3-SEQUENCE IIIH PISTON	-0.82	0.15	0.19	0.29	-0.47			-0.08	0.08
A4-GMOD PISTON	-0.11	0.56	0.50	-0.15	0.82			0.34	-0.06
A5-GMOD PISTON	0.09	0.96	0.42	0.73	-0.30			-0.28	-0.20
A6-GMOD PISTON	0.01	1.58	0.41	0.11	-0.14			-0.25	-0.31
B1-SEQUENCE IIIH PISTON									
B2-SEQUENCE IIIH PISTON									
B3-SEQUENCE IIIH PISTON									
B4-GMOD PISTON									
B5-GMOD PISTON									
B6-GMOD PISTON									
C1-SEQUENCE IIIH PISTON									
C2-SEQUENCE IIIH PISTON									
C3-SEQUENCE IIIH PISTON									
C4-GMOD PISTON									
C5-GMOD PISTON									
C6-GMOD PISTON									
MAXIMUM	-0.82	1.58	0.50	0.73	0.82			0.34	-0.31
MINIMUM	0.01	0.12	0.11	-0.01	-0.14			0.02	0.00
RANGE(MAX-MIN)	-0.830	1.460	0.390	0.740	0.960			0.320	-0.310
MEAN	-0.005	0.507	0.353	0.220	0.060			-0.027	-0.062
STANDARD DEVIATION	0.451	0.684	0.164	0.311	0.598			0.231	0.166

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

Rater= Lopez, Frank

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	FRTOT	RRTOT	THTOT	ATTOT
A1-SEQUENCE IIIH PISTON	-1.15	-0.50	0.42	1.66	-1.68			0.02	0.00
A2-SEQUENCE IIIH PISTON	-1.12	0.02	0.11	0.89	2.10			0.09	0.12
A3-SEQUENCE IIIH PISTON	-0.12	-1.08	0.19	-1.18	1.87			-0.08	0.08
A4-GMOD PISTON	-0.11	0.93	0.87	-1.05	0.66			0.04	-0.06
A5-GMOD PISTON	-0.31	1.52	0.42	-1.17	-0.30			-0.38	-0.20
A6-GMOD PISTON	0.11	0.75	-0.09	-0.97	-0.14			-0.35	-0.31
B1-SEQUENCE IIIH PISTON	-0.07	-0.09	0.43	-1.10	1.84			-0.18	-0.12
B2-SEQUENCE IIIH PISTON	0.07	-0.45	0.53	-0.71	-0.30			0.06	-0.01
B3-SEQUENCE IIIH PISTON	-1.28	-0.52	0.60	-1.12	-0.66			0.00	0.01
B4-GMOD PISTON	-0.06	-0.43	0.21	-0.47	0.31			-0.01	-0.20
B5-GMOD PISTON	-0.37	0.91	0.28	-0.21	0.70			0.01	-0.37
B6-GMOD PISTON	-0.14	0.82	-0.28	0.90	-0.40			-0.97	-0.22
C1-SEQUENCE IIIH PISTON									
C2-SEQUENCE IIIH PISTON									
C3-SEQUENCE IIIH PISTON									
C4-GMOD PISTON									
C5-GMOD PISTON									
C6-GMOD PISTON									
MAXIMUM	-1.28	1.52	0.87	1.66	2.10			-0.97	-0.37
MINIMUM	-0.06	0.02	-0.09	-0.21	-0.14			0.00	0.00
RANGE(MAX-MIN)	-1.220	1.500	0.960	1.870	2.240			-0.970	-0.370
MEAN	-0.379	0.157	0.308	-0.378	0.333			-0.146	-0.107
STANDARD DEVIATION	0.504	0.799	0.310	0.986	1.152			0.302	0.155

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

Rater= Moore, Sean

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	FRTOT	RRTOT	THTOT	ATTOT
A1-SEQUENCE IIIH PISTON	2.47	0.29	0.70	-0.11	0.72			-0.08	0.00
A2-SEQUENCE IIIH PISTON									
A3-SEQUENCE IIIH PISTON									
A4-GMOD PISTON	-0.11	-0.37	0.31	0.05	0.47			0.74	-0.06
A5-GMOD PISTON	-0.11	-3.15	0.42	3.05	-1.20			-0.18	-0.20
A6-GMOD PISTON									
B1-SEQUENCE IIIH PISTON	0.03	0.01	-0.57	-0.10	0.19			-0.98	-0.92
B2-SEQUENCE IIIH PISTON	0.07	1.88	-0.07	-0.28	0.71			-0.04	-0.11
B3-SEQUENCE IIIH PISTON	0.27	-0.02	0.20	1.28	-0.57			-0.50	-1.29
B4-GMOD PISTON	1.54	-1.48	-0.91	0.28	-1.59			-0.11	-0.20
B5-GMOD PISTON	-0.07	-1.64	0.28	2.09	-0.80			0.53	-0.07
B6-GMOD PISTON	0.76	-0.63	0.12	0.57	0.20			0.03	-0.22
C1-SEQUENCE IIIH PISTON									
C2-SEQUENCE IIIH PISTON	1.94	0.01	-0.05	-2.23	1.93			0.84	-0.30
C3-SEQUENCE IIIH PISTON									
C4-GMOD PISTON									
C5-GMOD PISTON	0.15	-0.37	0.95	1.81	1.44			0.08	-0.14
C6-GMOD PISTON	0.50	-1.03	-0.22	-0.18	-0.61			0.26	-0.04
MAXIMUM	2.47	-3.15	0.95	3.05	1.93			-0.98	-1.29
MINIMUM	0.03	0.01	-0.05	0.05	0.19			0.03	0.00
RANGE(MAX-MIN)	2.440	-3.160	1.000	3.000	1.740			-1.010	-1.290
MEAN	0.620	-0.542	0.097	0.519	0.074			0.049	-0.296
STANDARD DEVIATION	0.883	1.230	0.513	1.377	1.060			0.508	0.395

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

Rater= Pitta, Jimmy

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	FRTOT	RRTOT	THTOT	ATTOT
A1-SEQUENCE IIIH PISTON	-1.01	0.55	0.08	0.23	-0.28			0.72	0.80
A2-SEQUENCE IIIH PISTON	1.63	0.02	-0.49	-0.11	-1.39			0.89	0.92
A3-SEQUENCE IIIH PISTON	0.08	-1.53	0.39	-1.26	-0.10			0.72	0.88
A4-GMOD PISTON	-0.21	-0.76	-0.36	-0.25	-0.36			1.54	0.74
A5-GMOD PISTON	0.09	0.71	-0.58	1.28	0.20			-1.08	0.80
A6-GMOD PISTON	0.01	1.16	-0.09	1.40	0.66			0.05	0.69
B1-SEQUENCE IIIH PISTON									
B2-SEQUENCE IIIH PISTON									
B3-SEQUENCE IIIH PISTON									
B4-GMOD PISTON									
B5-GMOD PISTON									
B6-GMOD PISTON									
C1-SEQUENCE IIIH PISTON									
C2-SEQUENCE IIIH PISTON									
C3-SEQUENCE IIIH PISTON									
C4-GMOD PISTON									
C5-GMOD PISTON									
C6-GMOD PISTON									
MAXIMUM	1.63	-1.53	-0.58	1.40	-1.39			1.54	0.92
MINIMUM	0.01	0.02	0.08	-0.11	-0.10			0.05	0.69
RANGE(MAX-MIN)	1.620	-1.550	-0.660	1.510	-1.290			1.490	0.230
MEAN	0.098	0.025	-0.175	0.215	-0.212			0.473	0.805
STANDARD DEVIATION	0.858	1.007	0.371	1.004	0.687			0.897	0.100

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

Rater= Price, Gregory

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	FRTOT	RRTOT	THTOT	ATTOT
A1-SEQUENCE IIIH PISTON									
A2-SEQUENCE IIIH PISTON									
A3-SEQUENCE IIIH PISTON									
A4-GMOD PISTON									
A5-GMOD PISTON	-0.01	-0.66	0.42	0.18	-0.10			0.62	0.40
A6-GMOD PISTON									
B1-SEQUENCE IIIH PISTON	-0.07	-0.09	-0.27	-0.30	-0.36			0.22	0.18
B2-SEQUENCE IIIH PISTON	-0.03	-1.40	-0.27	-0.77	-1.01			-0.14	0.19
B3-SEQUENCE IIIH PISTON	0.39	-0.02	-1.00	0.18	0.78			0.20	0.21
B4-GMOD PISTON									
B5-GMOD PISTON	0.13	-1.31	0.58	0.69	0.70			1.12	0.73
B6-GMOD PISTON	-0.14	-0.43	-0.58	-0.66	0.80			0.53	0.48
C1-SEQUENCE IIIH PISTON	-0.59	-0.06	0.54	-0.08	0.39			-0.26	-0.15
C2-SEQUENCE IIIH PISTON	-1.43	0.01	-0.05	-0.35	0.34			-0.06	0.00
C3-SEQUENCE IIIH PISTON	-1.29	0.01	0.37	-0.20	0.37			0.11	0.12
C4-GMOD PISTON	-0.01	0.78	0.79	-0.36	-0.45			0.70	0.38
C5-GMOD PISTON	0.15	0.96	0.40	1.11	0.16			0.58	0.46
C6-GMOD PISTON	0.00	-1.12	0.37	-0.58	-0.05			1.25	0.56
MAXIMUM	-1.43	-1.40	-1.00	1.11	-1.01			1.25	0.73
MINIMUM	0.00	0.01	-0.05	-0.08	-0.05			-0.06	0.00
RANGE(MAX-MIN)	-1.430	-1.410	-0.950	1.190	-0.960			1.310	0.730
MEAN	-0.242	-0.278	0.108	-0.095	0.131			0.406	0.297
STANDARD DEVIATION	0.570	0.749	0.540	0.557	0.550			0.479	0.250

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

Rater= Reese, Kyle

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	FRTOT	RRTOT	THTOT	ATTOT
A1-SEQUENCE IIIH PISTON	-1.15	-1.38	-0.80	0.27	-1.18			-0.08	-0.10
A2-SEQUENCE IIIH PISTON	0.05	0.12	-3.29	0.69	-2.91			0.39	-0.58
A3-SEQUENCE IIIH PISTON	0.18	-0.12	-1.91	0.34	-2.32			-0.08	0.08
A4-GMOD PISTON	-0.11	-0.42	-0.11	0.55	-1.03			-0.56	-1.06
A5-GMOD PISTON	-0.01	-1.22	0.42	1.03	-0.30			0.02	-0.20
A6-GMOD PISTON	0.11	-0.46	-0.09	1.18	-0.14			0.05	-0.31
B1-SEQUENCE IIIH PISTON									
B2-SEQUENCE IIIH PISTON									
B3-SEQUENCE IIIH PISTON									
B4-GMOD PISTON									
B5-GMOD PISTON									
B6-GMOD PISTON									
C1-SEQUENCE IIIH PISTON	-1.19	0.04	-0.95	-0.76	-0.97			-0.36	-0.15
C2-SEQUENCE IIIH PISTON	-1.09	0.01	-0.95	-2.62	-3.74			-0.16	-0.20
C3-SEQUENCE IIIH PISTON	-1.21	-0.39	-2.80	0.20	-1.64			-2.49	-1.28
C4-GMOD PISTON	0.09	-0.35	-1.73	0.34	-3.27			-0.20	-0.22
C5-GMOD PISTON	0.15	-1.38	-1.35	-0.55	-4.14			0.18	-0.14
C6-GMOD PISTON	0.00	-1.63	-0.13	0.22	-1.16			0.76	-0.04
MAXIMUM	-1.21	-1.63	-3.29	-2.62	-4.14			-2.49	-1.28
MINIMUM	0.00	0.01	-0.09	0.20	-0.14			0.02	-0.04
RANGE(MAX-MIN)	-1.210	-1.640	-3.200	-2.820	-4.000			-2.510	-1.240
MEAN	-0.348	-0.598	-1.141	0.074	-1.900			-0.211	-0.350
STANDARD DEVIATION	0.605	0.629	1.135	1.014	1.345			0.795	0.417

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

Rater= Rodriguez, Edward

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	FRTOT	RRTOT	THTOT	ATTOT
A1-SEQUENCE IIIH PISTON									
A2-SEQUENCE IIIH PISTON									
A3-SEQUENCE IIIH PISTON									
A4-GMOD PISTON									
A5-GMOD PISTON									
A6-GMOD PISTON									
B1-SEQUENCE IIIH PISTON	0.03	0.01	-0.97	-1.70	-0.94			0.82	0.88
B2-SEQUENCE IIIH PISTON	0.07	-0.34	0.73	-1.14	-0.78			0.96	0.99
B3-SEQUENCE IIIH PISTON	-1.28	0.18	-2.50	-0.82	-1.78			0.80	0.91
B4-GMOD PISTON	-0.06	-1.09	-0.83	-1.41	0.21			0.89	0.80
B5-GMOD PISTON	-0.27	-2.62	-0.52	-0.61	0.70			0.40	1.13
B6-GMOD PISTON	-0.14	-1.76	-1.18	-0.79	0.20			0.93	0.78
C1-SEQUENCE IIIH PISTON	-1.59	0.04	0.19	-2.85	-1.36			0.84	0.85
C2-SEQUENCE IIIH PISTON	-1.47	0.01	-0.65	-0.64	-2.45			0.74	0.80
C3-SEQUENCE IIIH PISTON	-1.13	0.01	-1.22	-0.40	-1.43			0.41	0.52
C4-GMOD PISTON	0.19	-0.70	-0.69	-1.16	-0.65			0.50	0.78
C5-GMOD PISTON	0.15	-0.21	-0.05	-1.55	0.01			-2.12	-0.14
C6-GMOD PISTON	0.00	-1.34	0.21	-0.78	-0.15			-0.34	-1.04
MAXIMUM	-1.59	-2.62	-2.50	-2.85	-2.45			-2.12	1.13
MINIMUM	0.00	0.01	-0.05	-0.40	0.01			-0.34	-0.14
RANGE(MAX-MIN)	-1.590	-2.630	-2.450	-2.450	-2.460			-1.780	1.270
MEAN	-0.458	-0.651	-0.623	-1.154	-0.702			0.403	0.605
STANDARD DEVIATION	0.690	0.881	0.847	0.668	0.938			0.873	0.607

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

Rater= Rodriguez, Jesus (Jesse)

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	FRTOT	RRTOT	THTOT	ATTOT
A1-SEQUENCE IIIH PISTON	-0.80	-1.12	0.97	-1.16	0.12			0.02	0.00
A2-SEQUENCE IIIH PISTON	-0.28	0.02	0.11	-0.81	0.07			0.09	0.12
A3-SEQUENCE IIIH PISTON	0.18	-1.44	0.29	-1.41	-0.41			-0.08	-0.22
A4-GMOD PISTON	-0.11	-1.09	-0.73	-0.85	-0.04			0.14	-0.06
A5-GMOD PISTON	0.09	-1.22	-0.08	-1.23	-0.30			0.12	-0.20
A6-GMOD PISTON	0.11	-1.44	-0.59	-0.97	-0.14			0.15	-0.31
B1-SEQUENCE IIIH PISTON	0.03	0.01	0.13	-0.30	-0.95			-0.18	-0.12
B2-SEQUENCE IIIH PISTON	-0.13	0.65	0.13	-0.22	-0.58			0.06	-0.01
B3-SEQUENCE IIIH PISTON	-1.28	0.18	0.10	-0.32	-1.41			-0.50	-0.49
B4-GMOD PISTON	-0.06	-1.22	-0.43	-1.44	-0.89			-0.01	-0.20
B5-GMOD PISTON	-0.07	-1.77	0.08	-0.41	-0.20			-0.25	0.13
B6-GMOD PISTON	-0.14	-1.90	0.72	-1.19	0.50			0.03	-0.22
C1-SEQUENCE IIIH PISTON									
C2-SEQUENCE IIIH PISTON									
C3-SEQUENCE IIIH PISTON									
C4-GMOD PISTON									
C5-GMOD PISTON									
C6-GMOD PISTON									
MAXIMUM	-1.28	-1.90	0.97	-1.44	-1.41			-0.50	-0.49
MINIMUM	0.03	0.01	-0.08	-0.22	-0.04			-0.01	0.00
RANGE(MAX-MIN)	-1.310	-1.910	1.050	-1.220	-1.370			-0.490	-0.490
MEAN	-0.205	-0.862	0.058	-0.859	-0.353			-0.034	-0.132
STANDARD DEVIATION	0.422	0.845	0.490	0.448	0.532			0.192	0.179

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

Rater= Sanchez, Arthur

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	FRTOT	RRTOT	THTOT	ATTOT
A1-SEQUENCE IIIH PISTON	-0.71	0.55	1.17	0.98	0.92			0.02	0.00
A2-SEQUENCE IIIH PISTON	-0.42	-0.08	0.11	0.29	0.26			0.09	0.12
A3-SEQUENCE IIIH PISTON	0.18	0.96	0.39	0.66	-0.50			-0.08	0.08
A4-GMOD PISTON	0.79	1.50	1.46	-0.55	1.20			-0.06	-0.26
A5-GMOD PISTON	0.09	0.65	-1.58	-0.68	0.70			-0.28	-0.20
A6-GMOD PISTON	0.11	0.48	-0.09	1.05	-0.14			-0.35	0.69
B1-SEQUENCE IIIH PISTON									
B2-SEQUENCE IIIH PISTON									
B3-SEQUENCE IIIH PISTON									
B4-GMOD PISTON									
B5-GMOD PISTON									
B6-GMOD PISTON									
C1-SEQUENCE IIIH PISTON	-0.29	0.04	0.68	1.79	0.26			-0.16	-0.15
C2-SEQUENCE IIIH PISTON	0.08	0.01	0.35	0.61	0.44			-0.06	-0.10
C3-SEQUENCE IIIH PISTON	0.50	0.01	1.54	-0.10	-0.18			0.01	0.22
C4-GMOD PISTON	0.19	0.41	0.44	-0.36	1.16			0.00	-0.22
C5-GMOD PISTON	0.15	0.18	0.37	-0.37	0.39			0.18	-0.14
C6-GMOD PISTON	0.00	0.47	0.97	0.22	1.82			0.16	-0.34
MAXIMUM	0.79	1.50	-1.58	1.79	1.82			-0.35	0.69
MINIMUM	0.00	0.01	-0.09	-0.10	-0.14			0.00	0.00
RANGE(MAX-MIN)	0.790	1.490	-1.490	1.890	1.960			-0.350	0.690
MEAN	0.056	0.432	0.484	0.295	0.528			-0.044	-0.025
STANDARD DEVIATION	0.395	0.459	0.830	0.751	0.666			0.160	0.280

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

Rater= Sanchez, Arthur rerate

YI Values

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

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

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

Rater= Sanchez, Christopher

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	FRTOT	RRTOT	THTOT	ATTOT
A1-SEQUENCE IIIH PISTON	-0.41	2.30	0.42	0.77	0.02			0.92	0.90
A2-SEQUENCE IIIH PISTON	0.05	-0.08	0.81	0.19	-1.26			0.79	0.92
A3-SEQUENCE IIIH PISTON	0.08	1.47	-0.01	0.83	0.24			0.72	0.98
A4-GMOD PISTON	-0.11	0.39	0.55	-0.95	0.63			1.44	0.74
A5-GMOD PISTON	0.09	-0.41	-0.18	-1.11	-0.30			0.82	0.40
A6-GMOD PISTON	0.41	-0.49	-0.09	0.42	-0.14			0.85	0.49
B1-SEQUENCE IIIH PISTON									
B2-SEQUENCE IIIH PISTON									
B3-SEQUENCE IIIH PISTON									
B4-GMOD PISTON									
B5-GMOD PISTON	0.53	0.06	1.08	0.09	-0.30			1.25	1.03
B6-GMOD PISTON									
C1-SEQUENCE IIIH PISTON									
C2-SEQUENCE IIIH PISTON									
C3-SEQUENCE IIIH PISTON									
C4-GMOD PISTON									
C5-GMOD PISTON									
C6-GMOD PISTON									
MAXIMUM	0.53	2.30	1.08	-1.11	-1.26			1.44	1.03
MINIMUM	0.05	0.06	-0.01	0.09	0.02			0.72	0.40
RANGE(MAX-MIN)	0.480	2.240	1.090	-1.200	-1.280			0.720	0.630
MEAN	0.091	0.463	0.369	0.034	-0.159			0.970	0.780
STANDARD DEVIATION	0.313	1.043	0.482	0.778	0.587			0.269	0.247

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

Rater= Terrado, Ken

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	FRTOT	RRTOT	THTOT	ATTOT
A1-SEQUENCE IIIH PISTON	0.37	0.81	0.22	0.27	0.92			0.02	0.00
A2-SEQUENCE IIIH PISTON	1.63	0.62	-2.09	0.69	-0.63			0.09	0.12
A3-SEQUENCE IIIH PISTON	0.08	-1.29	-0.21	-1.06	0.01			0.92	1.08
A4-GMOD PISTON	-0.11	-1.06	-0.23	-0.65	-0.49			0.54	-0.06
A5-GMOD PISTON	0.09	0.40	0.42	1.09	-0.30			-0.88	-0.70
A6-GMOD PISTON	0.11	0.56	-0.09	1.22	-0.64			0.25	-0.51
B1-SEQUENCE IIIH PISTON									
B2-SEQUENCE IIIH PISTON									
B3-SEQUENCE IIIH PISTON									
B4-GMOD PISTON									
B5-GMOD PISTON									
B6-GMOD PISTON									
C1-SEQUENCE IIIH PISTON									
C2-SEQUENCE IIIH PISTON									
C3-SEQUENCE IIIH PISTON									
C4-GMOD PISTON									
C5-GMOD PISTON									
C6-GMOD PISTON									
MAXIMUM	1.63	-1.29	-2.09	1.22	0.92			0.92	1.08
MINIMUM	0.08	0.40	-0.09	0.27	0.01			0.02	0.00
RANGE(MAX-MIN)	1.550	-1.690	-2.000	0.950	0.910			0.900	1.080
MEAN	0.362	0.007	-0.330	0.260	-0.188			0.157	-0.012
STANDARD DEVIATION	0.640	0.928	0.899	0.934	0.595			0.606	0.622

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

Rater= Trevino, Robert

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	FRTOT	RRTOT	THTOT	ATTOT
A1-SEQUENCE IIIH PISTON									
A2-SEQUENCE IIIH PISTON									
A3-SEQUENCE IIIH PISTON									
A4-GMOD PISTON									
A5-GMOD PISTON									
A6-GMOD PISTON									
B1-SEQUENCE IIIH PISTON	0.03	-0.09	-0.27	1.20	0.68			0.22	0.18
B2-SEQUENCE IIIH PISTON	-0.13	1.99	0.33	-1.28	0.73			0.46	0.29
B3-SEQUENCE IIIH PISTON	0.50	0.18	0.00	-0.72	1.72			0.40	0.31
B4-GMOD PISTON	-0.06	1.12	0.21	1.42	0.01			0.19	0.20
B5-GMOD PISTON	0.33	-0.33	0.18	0.19	0.00			1.45	0.83
B6-GMOD PISTON	0.26	-0.28	0.22	1.61	-0.20			0.23	0.18
C1-SEQUENCE IIIH PISTON	0.41	-0.06	0.29	0.44	0.98			0.24	0.05
C2-SEQUENCE IIIH PISTON	-0.34	0.01	0.15	0.12	1.48			0.34	0.20
C3-SEQUENCE IIIH PISTON	1.56	0.01	0.19	-0.20	1.26			0.41	0.02
C4-GMOD PISTON	0.19	0.86	0.96	-0.36	0.85			-0.20	0.18
C5-GMOD PISTON	0.05	0.10	0.53	-0.37	0.46			0.58	0.26
C6-GMOD PISTON	0.00	0.29	0.88	-0.68	-0.57			0.86	0.36
MAXIMUM	1.56	1.99	0.96	1.61	1.72			1.45	0.83
MINIMUM	0.00	0.01	0.00	0.12	0.00			0.19	0.02
RANGE(MAX-MIN)	1.560	1.980	0.960	1.490	1.720			1.260	0.810
MEAN	0.233	0.317	0.306	0.114	0.617			0.432	0.203
STANDARD DEVIATION	0.482	0.679	0.344	0.908	0.702			0.408	0.103

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

Rater= Veiga, Victor

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	FRTOT	RRTOT	THTOT	ATTOT
A1-SEQUENCE IIIH PISTON	-1.15	-1.29	0.90	0.10	1.72			0.02	0.00
A2-SEQUENCE IIIH PISTON	-0.75	0.02	0.11	0.99	-1.39			0.09	0.12
A3-SEQUENCE IIIH PISTON	-0.92	-0.84	0.39	-1.15	-1.15			-0.08	0.08
A4-GMOD PISTON	-0.11	-0.05	1.02	1.35	-0.01			-0.26	-0.06
A5-GMOD PISTON									
A6-GMOD PISTON									
B1-SEQUENCE IIIH PISTON	0.03	0.01	0.53	-0.60	-0.07			-0.18	-0.12
B2-SEQUENCE IIIH PISTON									
B3-SEQUENCE IIIH PISTON	-0.82	0.08	0.80	-1.92	-0.57			-0.20	0.01
B4-GMOD PISTON	0.14	0.41	1.09	-1.27	-0.99			-0.21	-0.20
B5-GMOD PISTON	-0.07	0.91	0.38	-0.31	0.70			-1.43	-0.37
B6-GMOD PISTON	-1.74	0.97	1.02	-1.32	0.20			-0.37	-0.22
C1-SEQUENCE IIIH PISTON	-0.29	0.04	0.65	-1.21	-1.48			-0.16	-0.15
C2-SEQUENCE IIIH PISTON									
C3-SEQUENCE IIIH PISTON									
C4-GMOD PISTON									
C5-GMOD PISTON									
C6-GMOD PISTON	0.00	1.25	0.35	-0.38	-0.74			-0.53	-0.04
MAXIMUM	-1.74	-1.29	1.09	-1.92	1.72			-1.43	-0.37
MINIMUM	0.00	0.01	0.11	0.10	-0.01			0.02	0.00
RANGE(MAX-MIN)	-1.740	-1.300	0.980	-2.020	1.730			-1.450	-0.370
MEAN	-0.516	0.137	0.658	-0.520	-0.344			-0.301	-0.086
STANDARD DEVIATION	0.602	0.753	0.330	1.013	0.974			0.411	0.144

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

Rater= Zalewski, John

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	FRTOT	RRTOT	THTOT	ATTOT
A1-SEQUENCE IIIH PISTON	-0.09	-0.77	-0.32	-1.75	-0.78			0.02	0.00
A2-SEQUENCE IIIH PISTON	-0.02	0.02	-0.89	-1.01	0.20			0.09	0.12
A3-SEQUENCE IIIH PISTON	0.18	0.09	0.39	1.23	0.04			-0.08	0.08
A4-GMOD PISTON	-0.11	-0.35	-0.16	-1.45	-0.41			-0.56	-0.06
A5-GMOD PISTON	-0.01	-1.03	0.42	-0.74	-0.30			-0.48	-0.20
A6-GMOD PISTON	0.11	-0.16	-0.09	-0.92	-0.14			0.15	-0.31
B1-SEQUENCE IIIH PISTON	0.03	0.01	-2.47	1.20	-0.94			-0.18	-0.12
B2-SEQUENCE IIIH PISTON	0.07	1.78	-1.47	-0.39	-0.13			-0.04	-0.01
B3-SEQUENCE IIIH PISTON	0.27	0.18	-1.10	1.48	0.13			0.00	0.01
B4-GMOD PISTON	0.44	-0.06	0.69	-0.15	0.21			-0.01	-0.20
B5-GMOD PISTON	0.13	-0.66	-1.52	-0.11	0.30			-0.65	-0.17
B6-GMOD PISTON	2.46	-0.45	-0.98	-1.17	-1.00			0.53	0.78
C1-SEQUENCE IIIH PISTON									
C2-SEQUENCE IIIH PISTON									
C3-SEQUENCE IIIH PISTON									
C4-GMOD PISTON									
C5-GMOD PISTON									
C6-GMOD PISTON									
MAXIMUM	2.46	1.78	-2.47	-1.75	-1.00			-0.65	0.78
MINIMUM	-0.01	0.01	-0.09	-0.11	0.04			0.00	0.00
RANGE(MAX-MIN)	2.470	1.770	-2.380	-1.640	-1.040			-0.650	0.780
MEAN	0.091	-0.117	-0.625	-0.315	-0.235			-0.101	-0.078
STANDARD DEVIATION	0.162	0.706	0.943	1.091	0.459			0.330	0.133

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

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 (May 6-10, 2019)

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	-0.30	1.31	0.04	0.47	0.06	1.04	0.60	0.74								
I1-8-INTAKE VALVE SET	-0.10	0.42	0.69	0.33	1.13	1.28	0.84	0.84								
PTOPS-PISTON TOPS									-0.74	-1.01	-1.07	-0.97	-0.65	-0.67	-0.66	-0.63
MAXIMUM	-0.30	1.31	0.69	0.47	1.13	1.28	0.84	0.84	-0.74	-1.01	-1.07	-0.97	-0.65	-0.67	-0.66	-0.63
MINIMUM	-0.10	0.42	0.04	0.33	0.06	1.04	0.60	0.74	-0.74	-1.01	-1.07	-0.97	-0.65	-0.67	-0.66	-0.63
RANGE(MAX-MIN)	-0.200	0.890	0.650	0.140	1.070	0.240	0.240	0.100	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
MEAN	-0.300	0.420	0.040	0.330	0.060	1.040	0.600	0.740	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 (May 6-10, 2019)

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									-0.64	-0.66	-0.36	-1.40	-1.67	-0.67	-1.34	-1.04
MAXIMUM									-0.64	-0.66	-0.36	-1.40	-1.67	-0.67	-1.34	-1.04
MINIMUM									-0.64	-0.66	-0.36	-1.40	-1.67	-0.67	-1.34	-1.04
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 (May 6-10, 2019)

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 (May 6-10, 2019)

Rater= Cales, Jonathon 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 (May 6-10, 2019)

Rater= Campbell, Bryan

YI Values

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

PartID	P1	P2	P3	P4	P5	P6	P7	P8	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI
H1-8-INTAKE VALVE SET	1.73	-1.88	2.29	-1.37	-0.59	-1.67	0.35	0.74								
I1-8-INTAKE VALVE SET	-0.65	-1.01	0.18	0.05	0.15	-0.61	-0.35	-0.73								
PTOPS-PISTON TOPS									-0.05	0.41	0.13	0.00	0.26	-0.27	-0.29	-0.14
MAXIMUM	1.73	-1.88	2.29	-1.37	-0.59	-1.67	0.35	0.74	-0.05	0.41	0.13	0.00	0.26	-0.27	-0.29	-0.14
MINIMUM	-0.65	-1.01	0.18	0.05	0.15	-0.61	0.35	-0.73	-0.05	0.41	0.13	0.00	0.26	-0.27	-0.29	-0.14
RANGE(MAX-MIN)	2.380	-0.870	2.110	-1.420	-0.740	-1.060	0.000	1.470	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
MEAN	-0.650	-1.880	0.180	-1.370	-0.590	-1.670	-0.350	-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 (May 6-10, 2019)

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 (May 6-10, 2019)

Rater= Caproni, David 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 (May 6-10, 2019)

Rater= Crane, Jeffrey

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	-0.01	-0.16	-0.29	-0.45	0.27	0.36	0.60	0.21								
I1-8-INTAKE VALVE SET	0.45	0.18	0.43	-0.22	0.15	0.65	0.84	0.52								
PTOPS-PISTON TOPS									-0.07	-0.88	-0.63	-0.74	-0.47	-0.25	-0.31	-0.04
MAXIMUM	0.45	0.18	0.43	-0.45	0.27	0.65	0.84	0.52	-0.07	-0.88	-0.63	-0.74	-0.47	-0.25	-0.31	-0.04
MINIMUM	-0.01	-0.16	-0.29	-0.22	0.15	0.36	0.60	0.21	-0.07	-0.88	-0.63	-0.74	-0.47	-0.25	-0.31	-0.04
RANGE(MAX-MIN)	0.460	0.340	0.720	-0.230	0.120	0.290	0.240	0.310	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
MEAN	-0.010	-0.160	-0.290	-0.450	0.150	0.360	0.600	0.210	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 (May 6-10, 2019)

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	1.44	1.07	0.68	0.47	1.14	1.04	0.35	0.74								
I1-8-INTAKE VALVE SET	1.55	0.90	1.21	0.05	1.13	1.60	1.44	1.47								
PTOPS-PISTON TOPS																
MAXIMUM	1.55	1.07	1.21	0.47	1.14	1.60	1.44	1.47								
MINIMUM	1.44	0.90	0.68	0.05	1.13	1.04	0.35	0.74								
RANGE(MAX-MIN)	0.110	0.170	0.530	0.420	0.010	0.560	1.090	0.730								
MEAN	1.440	0.900	0.680	0.050	1.130	1.040	0.350	0.740								
STANDARD DEVIATION	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000								

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

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																	
I1-8-INTAKE VALVE SET																	
PTOPS-PISTON TOPS																	
MAXIMUM																	
MINIMUM																	
RANGE(MAX-MIN)																	
MEAN																	
STANDARD DEVIATION																	

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

Rater= Demel, Samuel

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	0.28	-0.41	0.04	0.47	0.49	0.02	-0.65	-0.06								
I1-8-INTAKE VALVE SET	0.18	-0.77	-0.86	-0.76	-0.17	0.96	-0.06	-0.10								
PTOPS-PISTON TOPS									-0.12	-0.04	-0.22	-0.15	0.09	0.25	0.16	0.04
MAXIMUM	0.28	-0.77	-0.86	-0.76	0.49	0.96	-0.65	-0.10	-0.12	-0.04	-0.22	-0.15	0.09	0.25	0.16	0.04
MINIMUM	0.18	-0.41	0.04	0.47	-0.17	0.02	-0.06	-0.06	-0.12	-0.04	-0.22	-0.15	0.09	0.25	0.16	0.04
RANGE(MAX-MIN)	0.100	-0.360	-0.900	-1.230	0.660	0.940	-0.590	-0.040	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
MEAN	0.180	-0.770	-0.860	-0.760	-0.170	0.020	-0.650	-0.100	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 (May 6-10, 2019)

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	-0.30	1.07	-0.29	0.47	0.27	0.70	0.60	0.48								
I1-8-INTAKE VALVE SET	0.18	-0.05	0.95	1.41	0.80	0.96	0.84	0.52								
PTOPS-PISTON TOPS									-0.20	-0.09	0.13	0.24	-0.04	0.34	0.22	0.01
MAXIMUM	-0.30	1.07	0.95	1.41	0.80	0.96	0.84	0.52	-0.20	-0.09	0.13	0.24	-0.04	0.34	0.22	0.01
MINIMUM	0.18	-0.05	-0.29	0.47	0.27	0.70	0.60	0.48	-0.20	-0.09	0.13	0.24	-0.04	0.34	0.22	0.01
RANGE(MAX-MIN)	-0.480	1.120	1.240	0.940	0.530	0.260	0.240	0.040	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
MEAN	-0.300	-0.050	-0.290	0.470	0.270	0.700	0.600	0.480	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 (May 6-10, 2019)

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	-0.59	0.33	-0.29	0.70	0.06	0.70	0.85	-0.06								
I1-8-INTAKE VALVE SET	0.18	-0.05	-0.08	-0.49	0.15	-0.61	-0.65	0.21								
PTOPS-PISTON TOPS									-0.45	0.18	-0.43	0.19	-0.65	0.41	-0.39	-0.11
MAXIMUM	-0.59	0.33	-0.29	0.70	0.15	0.70	0.85	0.21	-0.45	0.18	-0.43	0.19	-0.65	0.41	-0.39	-0.11
MINIMUM	0.18	-0.05	-0.08	-0.49	0.06	-0.61	-0.65	-0.06	-0.45	0.18	-0.43	0.19	-0.65	0.41	-0.39	-0.11
RANGE(MAX-MIN)	-0.770	0.380	-0.210	1.190	0.090	1.310	1.500	0.270	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
MEAN	-0.590	-0.050	-0.290	-0.490	0.060	-0.610	-0.650	-0.060	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 (May 6-10, 2019)

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	0.10	0.67	-0.16	0.42	0.42	1.11	0.17	-0.22								
I1-8-INTAKE VALVE SET	-0.79	0.40	-0.37	0.30	0.61	-0.14	0.57	0.37								
PTOPS-PISTON TOPS																
MAXIMUM	-0.79	0.67	-0.37	0.42	0.61	1.11	0.57	0.37								
MINIMUM	0.10	0.40	-0.16	0.30	0.42	-0.14	0.17	-0.22								
RANGE(MAX-MIN)	-0.890	0.270	-0.210	0.120	0.190	1.250	0.400	0.590								
MEAN	-0.790	0.400	-0.370	0.300	0.420	-0.140	0.170	-0.220								
STANDARD DEVIATION	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000								

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

Rater= Langford, Mike

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 (May 6-10, 2019)

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	1.44	-0.41	1.97	-1.37	-0.37	-1.67	1.84	1.55								
I1-8-INTAKE VALVE SET	1.00	1.38	1.21	1.14	0.15	-0.30	-0.06	-0.10								
PTOPS-PISTON TOPS									2.07	1.65	2.45	1.40	0.49	-1.80	-0.71	1.45
MAXIMUM	1.44	1.38	1.97	-1.37	-0.37	-1.67	1.84	1.55	2.07	1.65	2.45	1.40	0.49	-1.80	-0.71	1.45
MINIMUM	1.00	-0.41	1.21	1.14	0.15	-0.30	-0.06	-0.10	2.07	1.65	2.45	1.40	0.49	-1.80	-0.71	1.45
RANGE(MAX-MIN)	0.440	1.790	0.760	-2.510	-0.520	-1.370	1.900	1.650	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
MEAN	1.000	-0.410	1.210	-1.370	-0.370	-1.670	-0.060	-0.100	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 (May 6-10, 2019)

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	-1.75	-0.41	-1.25	-0.91	-0.59	-0.32	-1.90	-1.13								
I1-8-INTAKE VALVE SET	-2.02	-1.25	-1.38	-1.31	-0.82	-0.93	-0.95	-1.05								
PTOPS-PISTON TOPS									-0.67	-0.14	-0.43	-0.47	-0.27	-0.39	-0.21	-0.43
MAXIMUM	-2.02	-1.25	-1.38	-1.31	-0.82	-0.93	-1.90	-1.13	-0.67	-0.14	-0.43	-0.47	-0.27	-0.39	-0.21	-0.43
MINIMUM	-1.75	-0.41	-1.25	-0.91	-0.59	-0.32	-0.95	-1.05	-0.67	-0.14	-0.43	-0.47	-0.27	-0.39	-0.21	-0.43
RANGE(MAX-MIN)	-0.270	-0.840	-0.130	-0.400	-0.230	-0.610	-0.950	-0.080	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
MEAN	-2.020	-1.250	-1.380	-1.310	-0.820	-0.930	-1.900	-1.130	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 (May 6-10, 2019)

Rater= Moore, Sean

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 (May 6-10, 2019)

Rater= Pitta, Jimmy

YI Values

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

PartID	P1	P2	P3	P4	P5	P6	P7	P8	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI
H1-8-INTAKE VALVE SET	0.57	0.08	1.00	2.08	2.00	0.70	1.10	1.28								
I1-8-INTAKE VALVE SET	1.28	2.58	1.73	1.96	-1.47	-1.56	1.14	-0.10								
PTOPS-PISTON TOPS																
MAXIMUM	1.28	2.58	1.73	2.08	2.00	-1.56	1.14	1.28								
MINIMUM	0.57	0.08	1.00	1.96	-1.47	0.70	1.10	-0.10								
RANGE(MAX-MIN)	0.710	2.500	0.730	0.120	3.470	-2.260	0.040	1.380								
MEAN	0.570	0.080	1.000	1.960	-1.470	-1.560	1.100	-0.100								
STANDARD DEVIATION	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000								

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

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	-1.09	1.41	0.55	1.04	0.17	0.19	0.77	1.17								
I1-8-INTAKE VALVE SET	0.73	-0.01	0.93	1.58	0.80	0.49	0.03	0.37								
PTOPS-PISTON TOPS																
MAXIMUM	-1.09	1.41	0.93	1.58	0.80	0.49	0.77	1.17								
MINIMUM	0.73	-0.01	0.55	1.04	0.17	0.19	0.03	0.37								
RANGE(MAX-MIN)	-1.820	1.420	0.380	0.540	0.630	0.300	0.740	0.800								
MEAN	-1.090	-0.010	0.550	1.040	0.170	0.190	0.030	0.370								
STANDARD DEVIATION	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000								

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

Rater= Reese, Kyle

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 (May 6-10, 2019)

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 (May 6-10, 2019)

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	-0.59	0.08	-0.93	-0.22	0.06	1.38	0.10	-0.86								
I1-8-INTAKE VALVE SET	-1.20	0.42	-0.08	-0.22	1.13	0.65	1.14	2.10								
PTOPS-PISTON TOPS									-1.37	-1.70	-1.12	-1.05	-1.01	-0.98	-0.89	-1.90
MAXIMUM	-1.20	0.42	-0.93	-0.22	1.13	1.38	1.14	2.10	-1.37	-1.70	-1.12	-1.05	-1.01	-0.98	-0.89	-1.90
MINIMUM	-0.59	0.08	-0.08	-0.22	0.06	0.65	0.10	-0.86	-1.37	-1.70	-1.12	-1.05	-1.01	-0.98	-0.89	-1.90
RANGE(MAX-MIN)	-0.610	0.340	-0.850	0.000	1.070	0.730	1.040	2.960	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
MEAN	-1.200	0.080	-0.930	-0.220	0.060	0.650	0.100	-0.860	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	0.000	0.000	0.000	0.100	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 (May 6-10, 2019)

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	-0.30	-0.16	-1.25	-0.91	-0.59	-0.65	-1.40	-1.40								
I1-8-INTAKE VALVE SET	-0.65	-0.53	-1.90	-1.31	-1.47	-1.25	-1.25	-0.42								
PTOPS-PISTON TOPS									0.42	0.38	0.13	0.82	1.13	1.26	1.14	0.48
MAXIMUM	-0.65	-0.53	-1.90	-1.31	-1.47	-1.25	-1.40	-1.40	0.42	0.38	0.13	0.82	1.13	1.26	1.14	0.48
MINIMUM	-0.30	-0.16	-1.25	-0.91	-0.59	-0.65	-1.25	-0.42	0.42	0.38	0.13	0.82	1.13	1.26	1.14	0.48
RANGE(MAX-MIN)	-0.350	-0.370	-0.650	-0.400	-0.880	-0.600	-0.150	-0.980	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
MEAN	-0.650	-0.530	-1.900	-1.310	-1.470	-1.250	-1.400	-1.400	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 (May 6-10, 2019)

Rater= Sanchez, Arthur 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 (May 6-10, 2019)

Rater= Sanchez, Christopher

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	-0.01	-0.16	0.04	0.24	1.14	-0.32	-0.65	-0.06								
I1-8-INTAKE VALVE SET	0.45	-0.53	-1.12	-1.04	0.15	0.65	0.24	0.21								
PTOPS-PISTON TOPS									-0.10	-0.11	-0.22	-0.05	0.14	0.22	0.27	-0.09
MAXIMUM	0.45	-0.53	-1.12	-1.04	1.14	0.65	-0.65	0.21	-0.10	-0.11	-0.22	-0.05	0.14	0.22	0.27	-0.09
MINIMUM	-0.01	-0.16	0.04	0.24	0.15	-0.32	0.24	-0.06	-0.10	-0.11	-0.22	-0.05	0.14	0.22	0.27	-0.09
RANGE(MAX-MIN)	0.460	-0.370	-1.160	-1.280	0.990	0.970	-0.890	0.270	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
MEAN	-0.010	-0.530	-1.120	-1.040	0.150	-0.320	-0.650	-0.060	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 (May 6-10, 2019)

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	-0.88	0.57	-0.29	1.16	-0.16	-0.99	-0.40	-0.06								
I1-8-INTAKE VALVE SET	-0.37	-0.53	-0.34	0.05	0.48	0.33	-0.65	-0.73								
PTOPS-PISTON TOPS																
MAXIMUM	-0.88	0.57	-0.34	1.16	0.48	-0.99	-0.65	-0.73								
MINIMUM	-0.37	-0.53	-0.29	0.05	-0.16	0.33	-0.40	-0.06								
RANGE(MAX-MIN)	-0.510	1.100	-0.050	1.110	0.640	-1.320	-0.250	-0.670								
MEAN	-0.880	-0.530	-0.340	0.050	-0.160	-0.990	-0.650	-0.730								
STANDARD DEVIATION	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000								

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

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	-1.17	-0.65	-0.93	-0.68	-1.02	0.02	-1.65	-0.86								
I1-8-INTAKE VALVE SET	-1.47	0.18	-0.86	-1.31	-0.49	-0.30	-0.65	-1.05								
PTOPS-PISTON TOPS									-0.30	-0.16	-0.24	-0.15	0.14	0.18	0.24	0.08
MAXIMUM	-1.47	-0.65	-0.93	-1.31	-1.02	-0.30	-1.65	-1.05	-0.30	-0.16	-0.24	-0.15	0.14	0.18	0.24	0.08
MINIMUM	-1.17	0.18	-0.86	-0.68	-0.49	0.02	-0.65	-0.86	-0.30	-0.16	-0.24	-0.15	0.14	0.18	0.24	0.08
RANGE(MAX-MIN)	-0.300	-0.830	-0.070	-0.630	-0.530	-0.320	-1.000	-0.190	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
MEAN	-1.470	-0.650	-0.930	-1.310	-1.020	-0.300	-1.650	-1.050	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 (May 6-10, 2019)

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 (May 6-10, 2019)

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	1.44	-2.37	-0.93	-1.60	-2.75	-1.67	-0.65	-2.20								
I1-8-INTAKE VALVE SET	1.28	-1.73	-0.34	-0.22	-2.44	-1.88	-2.44	-2.31								
PTOPS-PISTON TOPS									2.22	2.17	1.88	2.33	2.53	2.37	2.75	2.31
MAXIMUM	1.44	-2.37	-0.93	-1.60	-2.75	-1.88	-2.44	-2.31	2.22	2.17	1.88	2.33	2.53	2.37	2.75	2.31
MINIMUM	1.28	-1.73	-0.34	-0.22	-2.44	-1.67	-0.65	-2.20	2.22	2.17	1.88	2.33	2.53	2.37	2.75	2.31
RANGE(MAX-MIN)	0.160	-0.640	-0.590	-1.380	-0.310	-0.210	-1.790	-0.110	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
MEAN	1.280	-2.370	-0.930	-1.600	-2.750	-1.880	-2.440	-2.310	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 (May 6-10, 2019)

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	0.04	-0.09	0.36	1.07	-0.43	0.27	0.85	-0.12		
Q1-8-SEQ. VH PISTONS										
R1-8-SEQ. VH PISTONS	1.01	0.24	-0.45	-0.11	0.36	0.05	-0.87	0.01		
S1-8-SEQ. VH PISTONS	-0.21	-0.09	0.37	-0.13	-0.33	-0.13	0.06	-0.21		
VRCBVL-RC BFL VARN L										-0.59
VRCBVR-RC BFL VARN R										-0.79
MAXIMUM	1.01	0.24	-0.45	1.07	-0.43	0.27	-0.87	-0.21		-0.79
MINIMUM	0.04	-0.09	0.36	-0.11	-0.33	0.05	0.06	0.01		-0.59
RANGE(MAX-MIN)	0.970	0.330	-0.810	1.180	-0.100	0.220	-0.930	-0.220		-0.200
MEAN	0.280	0.020	0.093	0.277	-0.133	0.063	0.013	-0.107		-0.790
STANDARD DEVIATION	0.644	0.191	0.471	0.687	0.430	0.200	0.861	0.111		0.000

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

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	-0.52	0.61	-0.80	0.31	-1.53	-1.11	-0.14	0.05		
Q1-8-SEQ. VH PISTONS	0.10	-0.81	-0.03	0.39	0.46	0.23	0.32	-0.58		
R1-8-SEQ. VH PISTONS	0.07	-0.80	-1.06	-1.32	-1.84	0.71	-1.37	0.01		
S1-8-SEQ. VH PISTONS										
VRCBVL-RC BFL VARN L										-0.59
VRCBVR-RC BFL VARN R										-0.79
MAXIMUM	-0.52	-0.81	-1.06	-1.32	-1.84	-1.11	-1.37	-0.58	-0.79	
MINIMUM	0.07	0.61	-0.03	0.31	0.46	0.23	-0.14	0.01	-0.59	
RANGE(MAX-MIN)	-0.590	-1.420	-1.030	-1.630	-2.300	-1.340	-1.230	-0.590	-0.200	
MEAN	-0.117	-0.333	-0.630	-0.207	-0.970	-0.057	-0.397	-0.173	-0.790	
STANDARD DEVIATION	0.350	0.817	0.536	0.965	1.248	0.943	0.874	0.353	0.000	

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

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	0.65	0.38	0.81	0.31	0.37	0.96	0.15	1.14		
Q1-8-SEQ. VH PISTONS	0.00	1.00	1.23	0.52	1.11	1.51	0.65	1.08		
R1-8-SEQ. VH PISTONS	0.20	1.72	1.65	0.97	1.79	1.38	0.63	1.64		
S1-8-SEQ. VH PISTONS										
VRCBVL-RC BFL VARN L									0.61	
VRCBVR-RC BFL VARN R									0.71	
MAXIMUM	0.65	1.72	1.65	0.97	1.79	1.51	0.65	1.64	0.71	
MINIMUM	0.00	0.38	0.81	0.31	0.37	0.96	0.15	1.08	0.61	
RANGE(MAX-MIN)	0.650	1.340	0.840	0.660	1.420	0.550	0.500	0.560	0.100	
MEAN	0.283	1.033	1.230	0.600	1.090	1.283	0.477	1.287	0.610	
STANDARD DEVIATION	0.333	0.671	0.420	0.337	0.710	0.287	0.283	0.307	0.000	

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

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	-1.93	-1.94	-2.28	-1.65	-0.03	-2.06	-2.09	-1.38	
Q1-8-SEQ. VH PISTONS	0.20	-1.25	-0.19	-0.89	-0.10	-1.73	1.71	1.15	
R1-8-SEQ. VH PISTONS									
S1-8-SEQ. VH PISTONS	-0.61	-0.64	-0.96	-1.45	-1.32	-1.13	-0.46	-0.34	
VRCBVL-RC BFL VARN L									0.61
VRCBVR-RC BFL VARN R									0.21
MAXIMUM	-1.93	-1.94	-2.28	-1.65	-1.32	-2.06	-2.09	-1.38	0.61
MINIMUM	0.20	-0.64	-0.19	-0.89	-0.03	-1.13	-0.46	-0.34	0.21
RANGE(MAX-MIN)	-2.130	-1.300	-2.090	-0.760	-1.290	-0.930	-1.630	-1.040	0.400
MEAN	-0.780	-1.277	-1.143	-1.330	-0.483	-1.640	-0.280	-0.190	0.210
STANDARD DEVIATION	1.075	0.650	1.057	0.394	0.725	0.471	1.906	1.272	0.000

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

Rater= Cales, Jonathon 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	0.40	-1.27	-0.35	0.44	-0.03	-0.48	0.60	-0.96		
Q1-8-SEQ. VH PISTONS	0.20	-1.25	-0.19	-0.89	-0.10	-1.73	1.71	1.15		
R1-8-SEQ. VH PISTONS	0.51	0.60	-0.37	1.03	0.56	0.84	0.33	0.88		
S1-8-SEQ. VH PISTONS	-0.61	-0.64	-0.96	-1.45	-1.32	-1.13	-0.46	-0.34		
VRCBVL-RC BFL VARN L									0.61	
VRCBVR-RC BFL VARN R									0.21	
MAXIMUM	-0.61	-1.27	-0.96	-1.45	-1.32	-1.73	1.71	1.15	0.61	
MINIMUM	0.20	0.60	-0.19	0.44	-0.03	-0.48	0.33	-0.34	0.21	
RANGE(MAX-MIN)	-0.810	-1.870	-0.770	-1.890	-1.290	-1.250	1.380	1.490	0.400	
MEAN	0.125	-0.640	-0.468	-0.218	-0.223	-0.625	0.545	0.183	0.210	
STANDARD DEVIATION	0.507	0.877	0.338	1.149	0.789	1.102	0.897	1.000	0.000	

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

Rater= Campbell, Bryan

YI Values

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

PartID	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI	AVERAG
P1-8-SEQ. VH PISTONS	-1.93	1.42	-0.99	-1.14	-1.43	-3.57	-1.69	-2.72	
Q1-8-SEQ. VH PISTONS	-2.80	-2.94	-2.41	-0.89	-4.15	-2.42	-1.40	-1.85	
R1-8-SEQ. VH PISTONS	0.01	-0.17	0.21	0.73	0.42	1.71	-0.17	0.45	
S1-8-SEQ. VH PISTONS									
VRCBVL-RC BFL VARN L									0.91
VRCBVR-RC BFL VARN R									-0.09
MAXIMUM	-2.80	-2.94	-2.41	-1.14	-4.15	-3.57	-1.69	-2.72	0.91
MINIMUM	0.01	-0.17	0.21	0.73	0.42	1.71	-0.17	0.45	-0.09
RANGE(MAX-MIN)	-2.810	-2.770	-2.620	-1.870	-4.570	-5.280	-1.520	-3.170	1.000
MEAN	-1.573	-0.563	-1.063	-0.433	-1.720	-1.427	-1.087	-1.373	-0.090
STANDARD DEVIATION	1.439	2.206	1.312	1.015	2.299	2.777	0.807	1.638	0.000

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

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	0.60	0.50	0.12	0.20	0.54	0.18	0.38	0.80		
R1-8-SEQ. VH PISTONS	0.14	-2.28	2.08	1.21	-0.12	0.58	1.63	0.63		
S1-8-SEQ. VH PISTONS	1.29	-0.93	-1.14	0.70	0.86	0.67	-0.46	-2.26		
VRCBVL-RC BFL VARN L									0.41	
VRCBVR-RC BFL VARN R									0.21	
MAXIMUM	1.29	-2.28	2.08	1.21	0.86	0.67	1.63	-2.26	0.41	
MINIMUM	0.14	0.50	0.12	0.20	-0.12	0.18	0.38	0.63	0.21	
RANGE(MAX-MIN)	1.150	-2.780	1.960	1.010	0.980	0.490	1.250	-2.890	0.200	
MEAN	0.677	-0.903	0.353	0.703	0.427	0.477	0.517	-0.277	0.210	
STANDARD DEVIATION	0.579	1.390	1.623	0.505	0.500	0.261	1.052	1.720	0.000	

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

Rater= Caproni, David 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	0.59	-0.80	0.17	0.94	-0.43	0.33	1.00	-0.54		
Q1-8-SEQ. VH PISTONS	0.60	0.50	0.12	0.20	0.54	0.18	0.38	0.80		
R1-8-SEQ. VH PISTONS	0.14	-2.28	2.08	1.21	-0.12	0.58	1.63	0.63		
S1-8-SEQ. VH PISTONS	1.29	-0.93	-1.14	0.70	0.86	0.67	-0.46	-2.26		
VRCBVL-RC BFL VARN L									0.41	
VRCBVR-RC BFL VARN R									0.21	
MAXIMUM	1.29	-2.28	2.08	1.21	0.86	0.67	1.63	-2.26	0.41	
MINIMUM	0.14	0.50	0.12	0.20	-0.12	0.18	0.38	-0.54	0.21	
RANGE(MAX-MIN)	1.150	-2.780	1.960	1.010	0.980	0.490	1.250	-1.720	0.200	
MEAN	0.655	-0.878	0.308	0.763	0.213	0.440	0.638	-0.343	0.210	
STANDARD DEVIATION	0.475	1.136	1.328	0.429	0.592	0.225	0.892	1.410	0.000	

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

Rater= Crane, Jeffrey

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	-0.02	0.09	0.43	0.18	0.27	-0.55	0.75	1.23		
Q1-8-SEQ. VH PISTONS										
R1-8-SEQ. VH PISTONS	0.76	0.87	-0.22	1.27	-0.40	-0.42	-0.27	-0.37		
S1-8-SEQ. VH PISTONS	-0.01	-0.22	0.06	-0.61	-1.02	0.17	0.23	-0.27		
VRCBVL-RC BFL VARN L										-0.29
VRCBVR-RC BFL VARN R										-0.19
MAXIMUM	0.76	0.87	0.43	1.27	-1.02	-0.55	0.75	1.23		-0.29
MINIMUM	-0.01	0.09	0.06	0.18	0.27	0.17	0.23	-0.27		-0.19
RANGE(MAX-MIN)	0.770	0.780	0.370	1.090	-1.290	-0.720	0.520	1.500		-0.100
MEAN	0.243	0.247	0.090	0.280	-0.383	-0.267	0.237	0.197		-0.290
STANDARD DEVIATION	0.447	0.562	0.326	0.944	0.645	0.384	0.510	0.896		0.000

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

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	0.28	0.90	0.81	1.38	0.57	1.15	1.70	2.74		
Q1-8-SEQ. VH PISTONS	0.90	2.81	2.50	2.12	2.08	3.57	1.07	0.73		
R1-8-SEQ. VH PISTONS	3.39	2.58	0.90	2.17	1.59	2.04	0.93	2.02		
S1-8-SEQ. VH PISTONS	0.19	2.19	-1.14	0.17	0.56	1.07	0.52	1.29		
VRCBVL-RC BFL VARN L										-1.59
VRCBVR-RC BFL VARN R										-7.79
MAXIMUM	3.39	2.81	2.50	2.17	2.08	3.57	1.70	2.74		-7.79
MINIMUM	0.19	0.90	0.81	0.17	0.56	1.07	0.52	0.73		-1.59
RANGE(MAX-MIN)	3.200	1.910	1.690	2.000	1.520	2.500	1.180	2.010		-6.200
MEAN	1.190	2.120	0.768	1.460	1.200	1.958	1.055	1.695		-7.790
STANDARD DEVIATION	1.500	0.853	1.490	0.933	0.760	1.161	0.489	0.874		0.000

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

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	-0.09	-1.09	0.23	-0.89	-0.53	-0.99	-0.84	-0.37		
Q1-8-SEQ. VH PISTONS										
R1-8-SEQ. VH PISTONS	-0.99	0.15	-0.57	-0.60	-0.47	-1.08	-1.07	-0.18		
S1-8-SEQ. VH PISTONS	-0.81	-1.48	-0.69	-1.15	-1.61	-0.93	-1.68	-0.52		
VRCBVL-RC BFL VARN L										-1.29
VRCBVR-RC BFL VARN R										-1.59
MAXIMUM	-0.99	-1.48	-0.69	-1.15	-1.61	-1.08	-1.68	-0.52		-1.59
MINIMUM	-0.09	0.15	0.23	-0.60	-0.47	-0.93	-0.84	-0.18		-1.29
RANGE(MAX-MIN)	-0.900	-1.630	-0.920	-0.550	-1.140	-0.150	-0.840	-0.340		-0.300
MEAN	-0.630	-0.807	-0.343	-0.880	-0.870	-1.000	-1.197	-0.357		-1.590
STANDARD DEVIATION	0.476	0.851	0.500	0.275	0.642	0.100	0.434	0.170		0.000

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

Rater= Demel, Samuel

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	-0.15	0.09	-2.15	0.50	-1.33	-0.80	-0.59	-1.21		
Q1-8-SEQ. VH PISTONS	-2.40	-0.25	-0.90	-1.08	-1.48	0.77	-0.01	-0.33		
R1-8-SEQ. VH PISTONS	-0.18	-0.93	-0.74	-1.32	-0.40	-1.21	-2.77	-1.06		
S1-8-SEQ. VH PISTONS										
VRCBVL-RC BFL VARN L									0.41	
VRCBVR-RC BFL VARN R									-0.79	
MAXIMUM	-2.40	-0.93	-2.15	-1.32	-1.48	-1.21	-2.77	-1.21	-0.79	
MINIMUM	-0.15	0.09	-0.74	0.50	-0.40	0.77	-0.01	-0.33	0.41	
RANGE(MAX-MIN)	-2.250	-1.020	-1.410	-1.820	-1.080	-1.980	-2.760	-0.880	-1.200	
MEAN	-0.910	-0.363	-1.263	-0.633	-1.070	-0.413	-1.123	-0.867	-0.790	
STANDARD DEVIATION	1.290	0.519	0.772	0.989	0.585	1.045	1.455	0.471	0.000	

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

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	1.02	1.42	-0.54	1.44	0.07	0.40	1.15	1.65		
Q1-8-SEQ. VH PISTONS										
R1-8-SEQ. VH PISTONS	1.32	0.64	0.04	0.19	0.77	0.51	-1.17	0.51		
S1-8-SEQ. VH PISTONS	-0.81	0.54	0.10	0.11	0.16	-0.23	-0.12	0.51		
VRCBVL-RC BFL VARN L										-0.59
VRCBVR-RC BFL VARN R										-0.79
MAXIMUM	1.32	1.42	-0.54	1.44	0.77	0.51	-1.17	1.65		-0.79
MINIMUM	-0.81	0.54	0.04	0.11	0.07	-0.23	-0.12	0.51		-0.59
RANGE(MAX-MIN)	2.130	0.880	-0.580	1.330	0.700	0.740	-1.050	1.140		-0.200
MEAN	0.510	0.867	-0.133	0.580	0.333	0.227	-0.047	0.890		-0.790
STANDARD DEVIATION	1.153	0.482	0.353	0.746	0.381	0.399	1.162	0.658		0.000

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

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	0.04	0.09	0.23	-0.20	0.87	0.58	0.25	0.22		
Q1-8-SEQ. VH PISTONS	-0.80	-0.19	-0.43	-0.70	0.54	-0.60	-0.98	-1.32		
R1-8-SEQ. VH PISTONS	-1.55	-0.71	-1.06	0.43	-1.50	-1.41	-1.17	0.26		
S1-8-SEQ. VH PISTONS										
VRCBVL-RC BFL VARN L										-0.29
VRCBVR-RC BFL VARN R										0.21
MAXIMUM	-1.55	-0.71	-1.06	-0.70	-1.50	-1.41	-1.17	-1.32	-0.29	
MINIMUM	0.04	0.09	0.23	-0.20	0.54	0.58	0.25	0.22	0.21	
RANGE(MAX-MIN)	-1.590	-0.800	-1.290	-0.500	-2.040	-1.990	-1.420	-1.540	-0.500	
MEAN	-0.770	-0.270	-0.420	-0.157	-0.030	-0.477	-0.633	-0.280	-0.290	
STANDARD DEVIATION	0.795	0.406	0.645	0.566	1.284	1.001	0.771	0.901	0.000	

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

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	-1.01	-0.52	-0.09	-0.57	-1.13	-0.04	-0.34	-0.20		
Q1-8-SEQ. VH PISTONS	-1.00	-1.06	-1.22	-1.21	-1.56	0.48	-0.10	-0.51		
R1-8-SEQ. VH PISTONS	-1.68	-0.21	-0.62	0.85	-0.40	-0.22	0.93	0.07		
S1-8-SEQ. VH PISTONS	-0.01	-0.09	-0.43	0.29	0.76	0.27	-0.35	0.63		
VRCBVL-RC BFL VARN L										-0.29
VRCBVR-RC BFL VARN R										0.41
MAXIMUM	-1.68	-1.06	-1.22	-1.21	-1.56	0.48	0.93	0.63	0.41	
MINIMUM	-0.01	-0.09	-0.09	0.29	-0.40	-0.04	-0.10	0.07	-0.29	
RANGE(MAX-MIN)	-1.670	-0.970	-1.130	-1.500	-1.160	0.520	1.030	0.560	0.700	
MEAN	-0.925	-0.470	-0.590	-0.160	-0.583	0.123	0.035	-0.002	-0.290	
STANDARD DEVIATION	0.688	0.433	0.474	0.912	1.015	0.313	0.608	0.484	0.000	

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

Rater= Langford, Mike

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									0.41	
VRCBVR-RC BFL VARN R									-0.69	
MAXIMUM									-0.69	
MINIMUM									0.41	
RANGE(MAX-MIN)									-1.100	
MEAN									-0.690	
STANDARD DEVIATION									0.000	

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

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	-0.39	0.42	0.75	0.37	0.67	-0.30	-0.99	-0.03		
Q1-8-SEQ. VH PISTONS	0.40	-1.56	0.76	0.20	-0.51	0.28	-1.37	-0.12		
R1-8-SEQ. VH PISTONS										
S1-8-SEQ. VH PISTONS	-0.81	0.29	0.46	0.17	0.36	-0.33	0.52	0.15		
VRCBVL-RC BFL VARN L									0.11	
VRCBVR-RC BFL VARN R									0.21	
MAXIMUM	-0.81	-1.56	0.76	0.37	0.67	-0.33	-1.37	0.15	0.21	
MINIMUM	-0.39	0.29	0.46	0.17	0.36	0.28	0.52	-0.03	0.11	
RANGE(MAX-MIN)	-0.420	-1.850	0.300	0.200	0.310	-0.610	-1.890	0.180	0.100	
MEAN	-0.267	-0.283	0.657	0.247	0.173	-0.117	-0.613	0.000	0.110	
STANDARD DEVIATION	0.614	1.108	0.170	0.108	0.612	0.344	1.000	0.137	0.000	

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

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	0.28	0.33	-0.09	0.37	0.77	0.65	0.00	-0.12		
Q1-8-SEQ. VH PISTONS										
R1-8-SEQ. VH PISTONS	0.57	-0.08	-0.28	-0.30	0.22	0.58	-0.77	-0.94		
S1-8-SEQ. VH PISTONS	-0.11	0.00	-0.69	-0.97	0.36	-0.03	-0.58	0.63		
VRCBVL-RC BFL VARN L									0.41	
VRCBVR-RC BFL VARN R									0.21	
MAXIMUM	0.57	0.33	-0.69	-0.97	0.77	0.65	-0.77	-0.94	0.41	
MINIMUM	-0.11	0.00	-0.09	-0.30	0.22	-0.03	0.00	-0.12	0.21	
RANGE(MAX-MIN)	0.680	0.330	-0.600	-0.670	0.550	0.680	-0.770	-0.820	0.200	
MEAN	0.247	0.083	-0.353	-0.300	0.450	0.400	-0.450	-0.143	0.210	
STANDARD DEVIATION	0.341	0.217	0.307	0.670	0.286	0.374	0.401	0.785	0.000	

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

Rater= Moore, Sean

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									-0.49	
VRCBVR-RC BFL VARN R									-0.79	
MAXIMUM									-0.79	
MINIMUM									-0.49	
RANGE(MAX-MIN)									-0.300	
MEAN									-0.790	
STANDARD DEVIATION									0.000	

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

Rater= Pitta, Jimmy

YI Values

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

PartID	P1MERI	P2MERI	P3MERI	P4MERI	P5MERI	P6MERI	P7MERI	P8MERI	AVERAG	
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 (May 6-10, 2019)

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	0.40	1.27	0.55	0.12	0.37	0.14	0.50	-1.13		
Q1-8-SEQ. VH PISTONS	-0.10	-0.37	-0.90	0.39	-1.16	-0.11	-0.53	-0.33		
R1-8-SEQ. VH PISTONS	-0.24	0.46	0.07	0.91	1.25	1.24	0.83	0.95		
S1-8-SEQ. VH PISTONS										
VRCBVL-RC BFL VARN L									0.51	
VRCBVR-RC BFL VARN R									-0.09	
MAXIMUM	0.40	1.27	-0.90	0.91	1.25	1.24	0.83	-1.13	0.51	
MINIMUM	-0.10	-0.37	0.07	0.12	0.37	-0.11	0.50	-0.33	-0.09	
RANGE(MAX-MIN)	0.500	1.640	-0.970	0.790	0.880	1.350	0.330	-0.800	0.600	
MEAN	0.020	0.453	-0.093	0.473	0.153	0.423	0.267	-0.170	-0.090	
STANDARD DEVIATION	0.336	0.820	0.739	0.402	1.220	0.718	0.709	1.049	0.000	

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

Rater= Reese, Kyle

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 (May 6-10, 2019)

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									
Q1-8-SEQ. VH PISTONS	0.30	-0.75	0.84	1.10	0.38	2.15	0.83	0.73	
R1-8-SEQ. VH PISTONS	0.20	1.00	0.01	-0.78	2.14	1.38	0.13	0.45	
S1-8-SEQ. VH PISTONS	-0.21	0.04	0.19	-0.31	-0.33	-1.13	0.23	0.21	
VRCBVL-RC BFL VARN L									-0.59
VRCBVR-RC BFL VARN R									-0.79
MAXIMUM	0.30	1.00	0.84	1.10	2.14	2.15	0.83	0.73	-0.79
MINIMUM	0.20	0.04	0.01	-0.31	-0.33	-1.13	0.13	0.21	-0.59
RANGE(MAX-MIN)	0.100	0.960	0.830	1.410	2.470	3.280	0.700	0.520	-0.200
MEAN	0.097	0.097	0.347	0.003	0.730	0.800	0.397	0.463	-0.790
STANDARD DEVIATION	0.270	0.876	0.437	0.978	1.272	1.715	0.379	0.260	0.000

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

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										
Q1-8-SEQ. VH PISTONS	1.10	1.37	1.39	1.67	0.62	0.28	-1.13	-0.86		
R1-8-SEQ. VH PISTONS	0.64	0.01	-0.42	-1.32	-0.81	-0.81	0.73	-1.19		
S1-8-SEQ. VH PISTONS	-0.11	0.46	0.86	0.52	-0.03	0.17	0.81	0.75		
VRCBVL-RC BFL VARN L									0.81	
VRCBVR-RC BFL VARN R									0.61	
MAXIMUM	1.10	1.37	1.39	1.67	-0.81	-0.81	-1.13	-1.19	0.81	
MINIMUM	-0.11	0.01	-0.42	0.52	-0.03	0.17	0.73	0.75	0.61	
RANGE(MAX-MIN)	1.210	1.360	1.810	1.150	-0.780	-0.980	-1.860	-1.940	0.200	
MEAN	0.543	0.613	0.610	0.290	-0.073	-0.120	0.137	-0.433	0.610	
STANDARD DEVIATION	0.611	0.693	0.931	1.508	0.716	0.600	1.098	1.038	0.000	

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

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	1.88	1.37	1.26	1.88	-0.83	1.21	1.65	2.07		
Q1-8-SEQ. VH PISTONS										
R1-8-SEQ. VH PISTONS	1.20	0.96	0.35	-0.11	0.77	0.84	-0.67	0.57		
S1-8-SEQ. VH PISTONS	0.89	1.85	1.61	1.54	1.45	1.27	1.56	0.99		
VRCBVL-RC BFL VARN L									-0.59	
VRCBVR-RC BFL VARN R									0.21	
MAXIMUM	1.88	1.85	1.61	1.88	1.45	1.27	1.65	2.07	-0.59	
MINIMUM	0.89	0.96	0.35	-0.11	0.77	0.84	-0.67	0.57	0.21	
RANGE(MAX-MIN)	0.990	0.890	1.260	1.990	0.680	0.430	2.320	1.500	-0.800	
MEAN	1.323	1.393	1.073	1.103	0.463	1.107	0.847	1.210	-0.590	
STANDARD DEVIATION	0.506	0.445	0.650	1.064	1.171	0.233	1.314	0.774	0.000	

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

Rater= Sanchez, Arthur 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	-0.64	0.71	-0.28	0.37	-0.83	0.21	0.40	0.22		
Q1-8-SEQ. VH PISTONS	-1.30	1.19	0.68	-0.12	-0.59	1.41	-0.31	0.69		
R1-8-SEQ. VH PISTONS	1.20	0.96	0.35	-0.11	0.77	0.84	-0.67	0.57		
S1-8-SEQ. VH PISTONS	0.89	1.85	1.61	1.54	1.45	1.27	1.56	0.99		
VRCBVL-RC BFL VARN L									-0.59	
VRCBVR-RC BFL VARN R									0.21	
MAXIMUM	-1.30	1.85	1.61	1.54	1.45	1.41	1.56	0.99	-0.59	
MINIMUM	-0.64	0.71	-0.28	-0.11	-0.59	0.21	-0.31	0.22	0.21	
RANGE(MAX-MIN)	-0.660	1.140	1.890	1.650	2.040	1.200	1.870	0.770	-0.800	
MEAN	0.038	1.178	0.590	0.420	0.200	0.933	0.245	0.618	-0.590	
STANDARD DEVIATION	1.201	0.489	0.788	0.781	1.091	0.539	0.983	0.318	0.000	

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

Rater= Sanchez, Christopher

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	0.16	-0.24	-1.70	0.18	-1.83	0.08	0.20	0.05		
Q1-8-SEQ. VH PISTONS	-1.40	-0.87	-1.54	-0.82	-1.24	0.23	-0.34	-0.47		
R1-8-SEQ. VH PISTONS	-0.24	-0.08	-0.34	-1.20	-1.02	-0.15	-3.27	-0.87		
S1-8-SEQ. VH PISTONS										
VRCBVL-RC BFL VARN L									0.41	
VRCBVR-RC BFL VARN R									-0.79	
MAXIMUM	-1.40	-0.87	-1.70	-1.20	-1.83	0.23	-3.27	-0.87	-0.79	
MINIMUM	0.16	-0.08	-0.34	0.18	-1.02	0.08	0.20	0.05	0.41	
RANGE(MAX-MIN)	-1.560	-0.790	-1.360	-1.380	-0.810	0.150	-3.470	-0.920	-1.200	
MEAN	-0.493	-0.397	-1.193	-0.613	-1.363	0.053	-1.137	-0.430	-0.790	
STANDARD DEVIATION	0.810	0.418	0.743	0.713	0.419	0.191	1.867	0.461	0.000	

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

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 (May 6-10, 2019)

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	-0.27	0.19	-0.99	-0.45	0.57	-0.74	-0.14	-0.12		
Q1-8-SEQ. VH PISTONS										
R1-8-SEQ. VH PISTONS	0.70	-0.26	-0.74	-1.92	-1.08	-1.15	-0.17	-1.82		
S1-8-SEQ. VH PISTONS	-0.31	0.92	1.08	0.64	-0.13	-0.13	1.10	0.33		
VRCBVL-RC BFL VARN L										-0.29
VRCBVR-RC BFL VARN R										-0.29
MAXIMUM	0.70	0.92	1.08	-1.92	-1.08	-1.15	1.10	-1.82		-0.29
MINIMUM	-0.27	0.19	-0.74	-0.45	-0.13	-0.13	-0.14	-0.12		-0.29
RANGE(MAX-MIN)	0.970	0.730	1.820	-1.470	-0.950	-1.020	1.240	-1.700		0.000
MEAN	0.040	0.283	-0.217	-0.577	-0.213	-0.673	0.263	-0.537		-0.290
STANDARD DEVIATION	0.572	0.596	1.130	1.285	0.828	0.513	0.725	1.134		0.100

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

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									0.71	
VRCBVR-RC BFL VARN R									1.01	
MAXIMUM									1.01	
MINIMUM									0.71	
RANGE(MAX-MIN)									0.300	
MEAN									0.710	
STANDARD DEVIATION									0.000	

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

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	2.12	2.45	2.42	2.20	2.17	2.91	2.25	4.16		
Q1-8-SEQ. VH PISTONS	-2.20	-0.44	-2.57	-2.17	-3.18	-0.51	-2.00	-1.71		
R1-8-SEQ. VH PISTONS	-2.05	-1.52	0.04	-0.48	-0.95	-2.27	-0.77	-1.38		
S1-8-SEQ. VH PISTONS	-0.41	0.63	1.39	1.06	0.95	1.07	0.69	1.05		
VRCBVL-RC BFL VARN L									0.41	
VRCBVR-RC BFL VARN R									0.21	
MAXIMUM	-2.20	2.45	-2.57	2.20	-3.18	2.91	2.25	4.16	0.41	
MINIMUM	-0.41	-0.44	0.04	-0.48	-0.95	-0.51	0.69	1.05	0.21	
RANGE(MAX-MIN)	-1.790	2.890	-2.610	2.680	-2.230	3.420	1.560	3.110	0.200	
MEAN	-0.635	0.280	0.320	0.153	-0.253	0.300	0.043	0.530	0.210	
STANDARD DEVIATION	2.008	1.692	2.159	1.898	2.336	2.211	1.837	2.715	0.000	

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

Rater= Aguirre, Nancy P

YI Values

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

PartID	TOTALS	
VOP-OIL PAN SLUDGE	1.23	
VOPB-OIL PAN BFL SLUDGE	0.42	
VRCBL-RC BFL SLUDGE L	0.28	
VRCBR-RC BFL SLUDGE R	0.79	
VRCL-RC SLUDGE L	-0.86	
VRCL-RC SLUDGE R	0.14	
VTCC-TC CVR SLUDGE	0.37	
VVDL-VALVE DECK SLUDGE L	-1.37	
VVDR-VALVE DECK SLUDGE R	-0.91	
MAXIMUM	-1.37	
MINIMUM	0.14	
RANGE(MAX-MIN)	-1.510	
MEAN	0.010	
STANDARD DEVIATION	0.865	

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

Rater= Barrera, Tony

YI Values

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

PartID	TOTALS	
VOP-OIL PAN SLUDGE	1.72	
VOPB-OIL PAN BFL SLUDGE	1.20	
VRCL-RC BFL SLUDGE L	-0.72	
VRCL-RC BFL SLUDGE R	-0.21	
VRCL-RC SLUDGE L	1.04	
VRCL-RC SLUDGE R	1.44	
VTCC-TC CVR SLUDGE	-0.13	
VVDL-VALVE DECK SLUDGE L	1.18	
VVDL-VALVE DECK SLUDGE R	0.17	
MAXIMUM	1.72	
MINIMUM	-0.13	
RANGE(MAX-MIN)	1.850	
MEAN	0.632	
STANDARD DEVIATION	0.863	

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

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	-1.33	
VRCL-RC BFL SLUDGE L	-0.92	
VRCL-RC BFL SLUDGE R	-0.61	
VRCL-RC SLUDGE L	0.24	
VRCL-RC SLUDGE R	0.74	
VTCC-TC CVR SLUDGE	0.07	
VVDL-VALVE DECK SLUDGE L	0.11	
VVDL-VALVE DECK SLUDGE R	-0.41	
MAXIMUM	-1.33	
MINIMUM	0.07	
RANGE(MAX-MIN)	-1.400	
MEAN	-0.292	
STANDARD DEVIATION	0.640	

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

Rater= Cales, Jonathon

YI Values

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

PartID	TOTALS	
VOP-OIL PAN SLUDGE	-0.03	
VOPB-OIL PAN BFL SLUDGE	1.16	
VRCL-RC BFL SLUDGE L	-0.12	
VRCL-RC BFL SLUDGE R	-0.11	
VRCL-RC SLUDGE L	-1.76	
VRCL-RC SLUDGE R	0.34	
VTCC-TC CVR SLUDGE	-0.13	
VVDL-VALVE DECK SLUDGE L	0.62	
VVDL-VALVE DECK SLUDGE R	0.67	
MAXIMUM	-1.76	
MINIMUM	-0.03	
RANGE(MAX-MIN)	-1.730	
MEAN	0.071	
STANDARD DEVIATION	0.821	

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

Rater= Cales, Jonathon 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 (May 6-10, 2019)

Rater= Campbell, Bryan

YI Values

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

PartID	TOTALS	
VOP-OIL PAN SLUDGE	0.11	
VOPB-OIL PAN BFL SLUDGE	0.65	
VRCL-RC BFL SLUDGE L	1.38	
VRCL-RC BFL SLUDGE R	0.79	
VRCL-RC SLUDGE L	0.34	
VRCL-RC SLUDGE R	0.94	
VTCC-TC CVR SLUDGE	-1.13	
VVDL-VALVE DECK SLUDGE L	0.45	
VVDL-VALVE DECK SLUDGE R	0.17	
MAXIMUM	1.38	
MINIMUM	0.11	
RANGE(MAX-MIN)	1.270	
MEAN	0.411	
STANDARD DEVIATION	0.703	

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

Rater= Caproni, David

YI Values

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

PartID	TOTALS	
VOP-OIL PAN SLUDGE	0.46	
VOPB-OIL PAN BFL SLUDGE	0.42	
VRCL-RC BFL SLUDGE L	1.28	
VRCL-RC BFL SLUDGE R	0.19	
VRCL-RC SLUDGE L	0.14	
VRCL-RC SLUDGE R	-0.16	
VTCC-TC CVR SLUDGE	-0.23	
VVDL-VALVE DECK SLUDGE L	1.52	
VVDL-VALVE DECK SLUDGE R	0.59	
MAXIMUM	1.52	
MINIMUM	0.14	
RANGE(MAX-MIN)	1.380	
MEAN	0.468	
STANDARD DEVIATION	0.597	

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

Rater= Caproni, David 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 (May 6-10, 2019)

Rater= Crane, Jeffrey

YI Values

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

PartID	TOTALS	
VOP-OIL PAN SLUDGE	-0.10	
VOPB-OIL PAN BFL SLUDGE	0.33	
VRCL-RC BFL SLUDGE L	0.58	
VRCL-RC BFL SLUDGE R	0.79	
VRCL-RC SLUDGE L	0.04	
VRCL-RC SLUDGE R	0.54	
VTCC-TC CVR SLUDGE	0.37	
VVDL-VALVE DECK SLUDGE L	0.39	
VVDL-VALVE DECK SLUDGE R	-0.41	
MAXIMUM	0.79	
MINIMUM	0.04	
RANGE(MAX-MIN)	0.750	
MEAN	0.281	
STANDARD DEVIATION	0.374	

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

Rater= De Armas, Raymond

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	-1.33	
VRCL-RC BFL SLUDGE L	1.58	
VRCL-RC BFL SLUDGE R	0.79	
VRCL-RC SLUDGE L	2.74	
VRCL-RC SLUDGE R	2.54	
VTCC-TC CVR SLUDGE	3.07	
VVDL-VALVE DECK SLUDGE L	0.56	
VVDR-VALVE DECK SLUDGE R	0.42	
MAXIMUM	3.07	
MINIMUM	0.42	
RANGE(MAX-MIN)	2.650	
MEAN	1.094	
STANDARD DEVIATION	1.511	

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

Rater= DeCapite, Vanessa

YI Values

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

PartID	TOTALS	
VOP-OIL PAN SLUDGE	-1.22	
VOPB-OIL PAN BFL SLUDGE	0.56	
VRCL-RC BFL SLUDGE L	-0.72	
VRCL-RC BFL SLUDGE R	-1.31	
VRCL-RC SLUDGE L	-1.76	
VRCL-RC SLUDGE R	-1.46	
VTCC-TC CVR SLUDGE	-1.43	
VVDL-VALVE DECK SLUDGE L	-1.42	
VVDL-VALVE DECK SLUDGE R	-1.40	
MAXIMUM	-1.76	
MINIMUM	0.56	
RANGE(MAX-MIN)	-2.320	
MEAN	-1.129	
STANDARD DEVIATION	0.691	

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

Rater= Demel, Samuel

YI Values

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

PartID	TOTALS	
VOP-OIL PAN SLUDGE	0.81	
VOPB-OIL PAN BFL SLUDGE	0.46	
VRCL-RC BFL SLUDGE L	-0.72	
VRCL-RC BFL SLUDGE R	-0.51	
VRCL-RC SLUDGE L	0.04	
VRCL-RC SLUDGE R	-0.56	
VTCC-TC CVR SLUDGE	0.07	
VVDL-VALVE DECK SLUDGE L	0.39	
VVDL-VALVE DECK SLUDGE R	0.84	
MAXIMUM	0.84	
MINIMUM	0.04	
RANGE(MAX-MIN)	0.800	
MEAN	0.091	
STANDARD DEVIATION	0.586	

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

Rater= Dominguez, Lucio

YI Values

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

PartID	TOTALS	
VOP-OIL PAN SLUDGE	-0.45	
VOPB-OIL PAN BFL SLUDGE	0.46	
VRCL-RC BFL SLUDGE L	-0.12	
VRCL-RC BFL SLUDGE R	-0.71	
VRCL-RC SLUDGE L	0.04	
VRCL-RC SLUDGE R	0.04	
VTCC-TC CVR SLUDGE	-1.13	
VVDL-VALVE DECK SLUDGE L	-0.97	
VVDL-VALVE DECK SLUDGE R	-0.99	
MAXIMUM	-1.13	
MINIMUM	0.04	
RANGE(MAX-MIN)	-1.170	
MEAN	-0.426	
STANDARD DEVIATION	0.559	

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

Rater= Foecking, Brian

YI Values

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

PartID	TOTALS	
VOP-OIL PAN SLUDGE	0.67	
VOPB-OIL PAN BFL SLUDGE	0.14	
VRCL-RC BFL SLUDGE L	-0.62	
VRCL-RC BFL SLUDGE R	-0.71	
VRCL-RC SLUDGE L	0.24	
VRCL-RC SLUDGE R	-0.16	
VTCC-TC CVR SLUDGE	-0.03	
VVDL-VALVE DECK SLUDGE L	-0.29	
VVDL-VALVE DECK SLUDGE R	-1.16	
MAXIMUM	-1.16	
MINIMUM	-0.03	
RANGE(MAX-MIN)	-1.130	
MEAN	-0.213	
STANDARD DEVIATION	0.555	

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

Rater= Kobrinetz, Joaquin J.

YI Values

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

PartID	TOTALS	
VOP-OIL PAN SLUDGE	-0.59	
VOPB-OIL PAN BFL SLUDGE	0.10	
VRCL-RC BFL SLUDGE L	1.18	
VRCL-RC BFL SLUDGE R	1.09	
VRCL-RC SLUDGE L	0.54	
VRCL-RC SLUDGE R	-0.26	
VTCC-TC CVR SLUDGE	-0.33	
VVDL-VALVE DECK SLUDGE L	0.33	
VVDL-VALVE DECK SLUDGE R	-0.57	
MAXIMUM	1.18	
MINIMUM	0.10	
RANGE(MAX-MIN)	1.080	
MEAN	0.166	
STANDARD DEVIATION	0.670	

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

Rater= Langford, Mike

YI Values

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

PartID	TOTALS	
VOP-OIL PAN SLUDGE	1.23	
VOPB-OIL PAN BFL SLUDGE	0.70	
VRCL-RC BFL SLUDGE L	0.58	
VRCL-RC BFL SLUDGE R	0.29	
VRCL-RC SLUDGE L	0.74	
VRCL-RC SLUDGE R	0.94	
VTCC-TC CVR SLUDGE	0.27	
VVDL-VALVE DECK SLUDGE L	0.11	
VVDR-VALVE DECK SLUDGE R	1.33	
MAXIMUM	1.33	
MINIMUM	0.11	
RANGE(MAX-MIN)	1.220	
MEAN	0.688	
STANDARD DEVIATION	0.426	

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

Rater= Lonsway, Chris

YI Values

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

PartID	TOTALS	
VOP-OIL PAN SLUDGE	0.67	
VOPB-OIL PAN BFL SLUDGE	0.10	
VRCL-RC BFL SLUDGE L	1.08	
VRCL-RC BFL SLUDGE R	1.29	
VRCL-RC SLUDGE L	-0.36	
VRCL-RC SLUDGE R	-0.36	
VTCC-TC CVR SLUDGE	0.57	
VVDL-VALVE DECK SLUDGE L	0.62	
VVDL-VALVE DECK SLUDGE R	1.09	
MAXIMUM	1.29	
MINIMUM	0.10	
RANGE(MAX-MIN)	1.190	
MEAN	0.522	
STANDARD DEVIATION	0.612	

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

Rater= Lopez, Frank

YI Values

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

PartID	TOTALS	
VOP-OIL PAN SLUDGE	0.81	
VOPB-OIL PAN BFL SLUDGE	0.74	
VRCL-RC BFL SLUDGE L	0.08	
VRCL-RC BFL SLUDGE R	0.59	
VRCL-RC SLUDGE L	-0.16	
VRCL-RC SLUDGE R	-0.86	
VTCC-TC CVR SLUDGE	0.07	
VVDL-VALVE DECK SLUDGE L	-0.91	
VVDL-VALVE DECK SLUDGE R	-0.74	
MAXIMUM	-0.91	
MINIMUM	0.07	
RANGE(MAX-MIN)	-0.980	
MEAN	-0.042	
STANDARD DEVIATION	0.679	

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

Rater= Moore, Sean

YI Values

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

PartID	TOTALS	
VOP-OIL PAN SLUDGE	-1.85	
VOPB-OIL PAN BFL SLUDGE	-1.93	
VRCL-RC BFL SLUDGE L	-0.92	
VRCL-RC BFL SLUDGE R	-0.31	
VRCL-RC SLUDGE L	0.84	
VRCL-RC SLUDGE R	-0.66	
VTCC-TC CVR SLUDGE	0.27	
VVDL-VALVE DECK SLUDGE L	-0.63	
VVDL-VALVE DECK SLUDGE R	1.67	
MAXIMUM	-1.93	
MINIMUM	0.27	
RANGE(MAX-MIN)	-2.200	
MEAN	-0.391	
STANDARD DEVIATION	1.179	

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

Rater= Pitta, Jimmy

YI Values

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

PartID	TOTALS	
VOP-OIL PAN SLUDGE		
VOPB-OIL PAN BFL SLUDGE		
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 (May 6-10, 2019)

Rater= Price, Gregory

YI Values

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

PartID	TOTALS	
VOP-OIL PAN SLUDGE	-0.66	
VOPB-OIL PAN BFL SLUDGE	-1.89	
VRCL-RC BFL SLUDGE L	-0.72	
VRCL-RC BFL SLUDGE R	-0.81	
VRCL-RC SLUDGE L	0.04	
VRCL-RC SLUDGE R	-0.56	
VTCC-TC CVR SLUDGE	-0.33	
VVDL-VALVE DECK SLUDGE L	-1.99	
VVDL-VALVE DECK SLUDGE R	-0.57	
MAXIMUM	-1.99	
MINIMUM	0.04	
RANGE(MAX-MIN)	-2.030	
MEAN	-0.832	
STANDARD DEVIATION	0.676	

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

Rater= Reese, Kyle

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 (May 6-10, 2019)

Rater= Rodriguez, Edward

YI Values

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

PartID	TOTALS	
VOP-OIL PAN SLUDGE	-1.01	
VOPB-OIL PAN BFL SLUDGE	-0.83	
VRCL-RC BFL SLUDGE L	-0.72	
VRCL-RC BFL SLUDGE R	-1.71	
VRCL-RC SLUDGE L	-0.96	
VRCL-RC SLUDGE R	-0.86	
VTCC-TC CVR SLUDGE	-0.13	
VVDL-VALVE DECK SLUDGE L	-0.80	
VVDL-VALVE DECK SLUDGE R	-0.91	
MAXIMUM	-1.71	
MINIMUM	-0.13	
RANGE(MAX-MIN)	-1.580	
MEAN	-0.881	
STANDARD DEVIATION	0.405	

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

Rater= Rodriguez, Jesus (Jesse)

YI Values

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

PartID	TOTALS	
VOP-OIL PAN SLUDGE	-1.36	
VOPB-OIL PAN BFL SLUDGE	-1.70	
VRCL-RC BFL SLUDGE L	-0.72	
VRCL-RC BFL SLUDGE R	-0.21	
VRCL-RC SLUDGE L	-0.66	
VRCL-RC SLUDGE R	-0.76	
VTCC-TC CVR SLUDGE	-1.33	
VVDL-VALVE DECK SLUDGE L	-0.40	
VVDL-VALVE DECK SLUDGE R	-0.74	
MAXIMUM	-1.70	
MINIMUM	-0.21	
RANGE(MAX-MIN)	-1.490	
MEAN	-0.876	
STANDARD DEVIATION	0.486	

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

Rater= Sanchez, Arthur

YI Values

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

PartID	TOTALS	
VOP-OIL PAN SLUDGE	0.67	
VOPB-OIL PAN BFL SLUDGE	-1.01	
VRCBL-RC BFL SLUDGE L	-0.42	
VRCBR-RC BFL SLUDGE R	0.69	
VRCL-RC SLUDGE L	0.54	
VRCL-RC SLUDGE R	0.84	
VTCC-TC CVR SLUDGE	0.47	
VVDL-VALVE DECK SLUDGE L	0.45	
VVDR-VALVE DECK SLUDGE R	-0.08	
MAXIMUM	-1.01	
MINIMUM	-0.08	
RANGE(MAX-MIN)	-0.930	
MEAN	0.239	
STANDARD DEVIATION	0.616	

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

Rater= Sanchez, Arthur 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 (May 6-10, 2019)

Rater= Sanchez, Christopher

YI Values

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

PartID	TOTALS	
VOP-OIL PAN SLUDGE	0.67	
VOPB-OIL PAN BFL SLUDGE	0.37	
VRCL-RC BFL SLUDGE L	-0.72	
VRCL-RC BFL SLUDGE R	-0.31	
VRCL-RC SLUDGE L	-0.76	
VRCL-RC SLUDGE R	-0.56	
VTCC-TC CVR SLUDGE	-0.13	
VVDL-VALVE DECK SLUDGE L	0.62	
VVDL-VALVE DECK SLUDGE R	0.84	
MAXIMUM	0.84	
MINIMUM	-0.13	
RANGE(MAX-MIN)	0.970	
MEAN	0.002	
STANDARD DEVIATION	0.632	

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

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 (May 6-10, 2019)

Rater= Trevino, Robert

YI Values

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

PartID	TOTALS	
VOP-OIL PAN SLUDGE	-1.99	
VOPB-OIL PAN BFL SLUDGE	0.56	
VRCBL-RC BFL SLUDGE L	0.28	
VRCBR-RC BFL SLUDGE R	-0.31	
VRCL-RC SLUDGE L	-0.36	
VRCL-RC SLUDGE R	-0.66	
VTCC-TC CVR SLUDGE	-0.13	
VVDL-VALVE DECK SLUDGE L	-1.25	
VVDR-VALVE DECK SLUDGE R	-0.91	
MAXIMUM	-1.99	
MINIMUM	-0.13	
RANGE(MAX-MIN)	-1.860	
MEAN	-0.530	
STANDARD DEVIATION	0.782	

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

Rater= Veiga, Victor

YI Values

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

PartID	TOTALS	
VOP-OIL PAN SLUDGE	1.23	
VOPB-OIL PAN BFL SLUDGE	1.62	
VRCL-RC BFL SLUDGE L	-0.72	
VRCL-RC BFL SLUDGE R	-0.51	
VRCL-RC SLUDGE L	0.44	
VRCL-RC SLUDGE R	-0.76	
VTCC-TC CVR SLUDGE	0.77	
VVDL-VALVE DECK SLUDGE L	2.32	
VVDR-VALVE DECK SLUDGE R	2.58	
MAXIMUM	2.58	
MINIMUM	0.44	
RANGE(MAX-MIN)	2.140	
MEAN	0.774	
STANDARD DEVIATION	1.271	

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

Rater= Zalewski, John

YI Values

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

PartID	TOTALS	
VOP-OIL PAN SLUDGE	0.04	
VOPB-OIL PAN BFL SLUDGE	0.05	
VRCL-RC BFL SLUDGE L	0.68	
VRCL-RC BFL SLUDGE R	1.09	
VRCL-RC SLUDGE L	-0.36	
VRCL-RC SLUDGE R	0.14	
VTCC-TC CVR SLUDGE	0.27	
VVDL-VALVE DECK SLUDGE L	0.39	
VVDL-VALVE DECK SLUDGE R	-0.57	
MAXIMUM	1.09	
MINIMUM	0.04	
RANGE(MAX-MIN)	1.050	
MEAN	0.192	
STANDARD DEVIATION	0.503	

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

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	92.9%	100.0%	100.0%	0.0%	0.50	BLUE	
Bolaney, Jonathan	12	79.8%	98.8%	100.0%	0.0%	0.75	WHITE	
Cales, Jonathon	12	78.6%	97.6%	100.0%	0.0%	0.69	WHITE	
Caproni, David	12	78.6%	97.6%	100.0%	0.0%	0.77	WHITE	
DeCapite, Vanessa	12	79.8%	100.0%	100.0%	0.0%	0.75	WHITE	
Foecking, Brian	12	84.5%	100.0%	100.0%	0.0%	0.62	RED	
Kobrinetz, Joaquin J.	18	95.2%	99.2%	100.0%	0.0%	0.53	BLUE	
Lopez, Frank	12	82.1%	98.8%	100.0%	0.0%	0.73	RED	
Price, Gregory	12	89.3%	100.0%	100.0%	0.0%	0.58	BLUE	
Rodriguez, Jesus (Jesse)	12	82.1%	100.0%	100.0%	0.0%	0.59	RED	
Sanchez, Arthur	12	88.1%	100.0%	100.0%	0.0%	0.58	BLUE	
Trevino, Robert	12	86.9%	100.0%	100.0%	0.0%	0.58	BLUE	
Barrera, Tony	12	89.3%	98.8%	100.0%	0.0%	0.62	BLUE	
Crane, Jeffrey	12	88.1%	100.0%	100.0%	0.0%	0.58	BLUE	
De Armas, Raymond	12	76.2%	92.9%	95.2%	4.8%	1.13	WHITE	
Demel, Samuel	6	73.8%	90.5%	100.0%	0.0%	0.92	WHITE	
Dominguez, Lucio	10	77.1%	97.1%	100.0%	0.0%	0.78	WHITE	
Langford, Mike	12	66.7%	86.9%	96.4%	3.6%	1.19	YELLOW	
Lonsway, Chris	6	97.6%	100.0%	100.0%	0.0%	0.44	BLUE	
Moore, Sean	12	78.6%	94.1%	97.6%	2.4%	0.97	WHITE	
Pitta, Jimmy	6	76.2%	100.0%	100.0%	0.0%	0.79	WHITE	
Reese, Kyle	12	66.7%	89.3%	95.2%	4.8%	1.07	YELLOW	
Rodriguez, Edward	12	71.4%	94.1%	100.0%	0.0%	0.97	WHITE	
Sanchez, Christopher	7	83.7%	98.0%	100.0%	0.0%	0.68	RED	
Terrado, Ken	6	81.0%	97.6%	100.0%	0.0%	0.74	RED	
Veiga, Victor	11	76.6%	100.0%	100.0%	0.0%	0.76	WHITE	
Zalewski, John	12	83.3%	97.6%	100.0%	0.0%	0.67	RED	

Group Criteria

	Minimum Number of Parts Rated	Minimum Yi's Within 1 STD of mean	Minimum Yi's Within 2 STD of mean	Maximum Overall Yi STD	Group Totals	
White	6	60%	90%	1.20	11	41%
Red	6	80%	95%	0.85	6	22%
Blue	6	85%	98%	0.75	8	30%
Yellow	-	-	-	-	2	7%

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

Induction & Combustion Deposits

Rater	Parts Rated	-1<yi<=1	-2<yi<=2	-3<yi<=3	>3	Yi STD	Group	Group Color
Bolaney, Jonathan	8	50.0%	100.0%	100.0%	0.0%	0.46	YELLOW	
Foecking, Brian	24	100.0%	100.0%	100.0%	0.0%	0.45	BLUE	
Kobrinetz, Joaquin J.	16	93.8%	100.0%	100.0%	0.0%	0.47	BLUE	
Lopez, Frank	24	62.5%	95.8%	100.0%	0.0%	0.54	WHITE	
Price, Gregory	16	68.8%	100.0%	100.0%	0.0%	0.65	WHITE	
Rodriguez, Jesus (Jesse)	24	54.2%	95.8%	100.0%	0.0%	1.03	YELLOW	
Sanchez, Arthur	24	54.2%	100.0%	100.0%	0.0%	0.94	YELLOW	
Trevino, Robert	24	75.0%	100.0%	100.0%	0.0%	0.56	WHITE	
Barrera, Tony	24	75.0%	100.0%	100.0%	0.0%	0.78	WHITE	
Campbell, Bryan	24	75.0%	95.8%	100.0%	0.0%	0.93	WHITE	
Crane, Jeffrey	24	100.0%	100.0%	100.0%	0.0%	0.46	BLUE	
De Armas, Raymond	16	37.5%	100.0%	100.0%	0.0%	0.46	YELLOW	
Demel, Samuel	24	100.0%	100.0%	100.0%	0.0%	0.43	BLUE	
Dominguez, Lucio	24	91.7%	100.0%	100.0%	0.0%	0.46	BLUE	
Lonsway, Chris	24	33.3%	91.7%	100.0%	0.0%	1.23	YELLOW	
Pitta, Jimmy	16	25.0%	81.3%	100.0%	0.0%	1.19	YELLOW	
Sanchez, Christopher	24	87.5%	100.0%	100.0%	0.0%	0.49	BLUE	
Terrado, Ken	16	93.8%	100.0%	100.0%	0.0%	0.58	BLUE	
Zalewski, John	24	16.7%	45.8%	100.0%	0.0%	2.04	YELLOW	

Group Criteria

	Minimum Number of Parts Rated	Minimum Yi's Within 1 STD of mean	Minimum Yi's Within 2 STD of mean	Maximum Overall Yi STD	Group Totals	
White	6	60%	90%	1.20	5	26%
Red	6	80%	95%	0.85	0	0%
Blue	6	85%	98%	0.75	7	37%
Yellow	-	-	-	-	7	37%

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

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	92.3%	100.0%	100.0%	0.0%	0.48	BLUE	
Bolaney, Jonathan	26	61.5%	100.0%	100.0%	0.0%	0.52	WHITE	
Cales, Jonathon	26	46.2%	88.5%	100.0%	0.0%	1.04	YELLOW	
Caproni, David	26	73.1%	88.5%	100.0%	0.0%	1.01	YELLOW	
DeCapite, Vanessa	26	65.4%	100.0%	100.0%	0.0%	0.52	WHITE	
Foecking, Brian	26	76.9%	100.0%	100.0%	0.0%	0.72	WHITE	
Kobrinetz, Joaquin J.	34	79.4%	100.0%	100.0%	0.0%	0.67	WHITE	
Lopez, Frank	26	100.0%	100.0%	100.0%	0.0%	0.50	BLUE	
Price, Gregory	26	80.8%	100.0%	100.0%	0.0%	0.69	RED	
Rodriguez, Jesus (Jesse)	26	73.1%	100.0%	100.0%	0.0%	0.85	WHITE	
Sanchez, Arthur	26	46.2%	96.2%	100.0%	0.0%	0.82	YELLOW	
Trevino, Robert	26	76.9%	100.0%	100.0%	0.0%	0.79	WHITE	
Barrera, Tony	26	76.9%	100.0%	100.0%	0.0%	0.72	WHITE	
Cales, Jonathon rerate	34	73.5%	100.0%	100.0%	0.0%	0.85	WHITE	
Campbell, Bryan	26	42.3%	73.1%	92.3%	7.7%	1.57	YELLOW	
Caproni, David rerate	34	76.5%	91.2%	100.0%	0.0%	0.94	WHITE	
Crane, Jeffrey	26	88.5%	100.0%	100.0%	0.0%	0.56	BLUE	
De Armas, Raymond	34	35.3%	61.8%	91.2%	8.8%	1.93	YELLOW	
Demel, Samuel	26	61.5%	88.5%	100.0%	0.0%	0.86	YELLOW	
Dominguez, Lucio	26	73.1%	100.0%	100.0%	0.0%	0.75	WHITE	
Langford, Mike	2	100.0%	100.0%	100.0%	0.0%	0.00	N/A	
Lonsway, Chris	26	92.3%	100.0%	100.0%	0.0%	0.62	BLUE	
Moore, Sean	2	100.0%	100.0%	100.0%	0.0%	0.00	N/A	
Rodriguez, Edward	26	76.9%	92.3%	100.0%	0.0%	0.83	WHITE	
Sanchez, Arthur rerate	34	70.6%	100.0%	100.0%	0.0%	0.81	WHITE	
Sanchez, Christopher	26	69.2%	96.2%	96.2%	3.9%	0.84	WHITE	
Veiga, Victor	2	50.0%	100.0%	100.0%	0.0%	0.00	N/A	
Zalewski, John	34	35.3%	55.9%	94.1%	5.9%	1.85	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	13	52%
Red	6	80%	95%	0.85	1	4%
Blue	6	85%	98%	0.75	4	16%
Yellow	-	-	-	-	7	28%

LIGHT DUTY RATING WORKSHOP (May 6-10, 2019)

Sludge Deposits

Rater	Parts Rated	-1<yi<=1	-2<yi<=2	-3<yi<=3	>3	Yi STD	Group	Group Color
Aguirre, Nancy P	9	77.8%	100.0%	100.0%	0.0%	0.86	WHITE	
Bolaney, Jonathan	9	88.9%	100.0%	100.0%	0.0%	0.64	BLUE	
Cales, Jonathon	9	77.8%	100.0%	100.0%	0.0%	0.82	WHITE	
Caproni, David	9	77.8%	100.0%	100.0%	0.0%	0.60	WHITE	
DeCapite, Vanessa	9	22.2%	100.0%	100.0%	0.0%	0.69	YELLOW	
Foecking, Brian	9	88.9%	100.0%	100.0%	0.0%	0.55	BLUE	
Kobrinetz, Joaquin J.	9	77.8%	100.0%	100.0%	0.0%	0.67	WHITE	
Lopez, Frank	9	100.0%	100.0%	100.0%	0.0%	0.68	BLUE	
Price, Gregory	9	77.8%	100.0%	100.0%	0.0%	0.68	WHITE	
Rodriguez, Jesus (Jesse)	9	66.7%	100.0%	100.0%	0.0%	0.49	WHITE	
Sanchez, Arthur	9	88.9%	100.0%	100.0%	0.0%	0.62	BLUE	
Trevino, Robert	9	77.8%	100.0%	100.0%	0.0%	0.78	WHITE	
Barrera, Tony	9	44.4%	100.0%	100.0%	0.0%	0.86	YELLOW	
Campbell, Bryan	9	77.8%	100.0%	100.0%	0.0%	0.70	WHITE	
Crane, Jeffrey	9	100.0%	100.0%	100.0%	0.0%	0.37	BLUE	
De Armas, Raymond	9	44.4%	66.7%	88.9%	11.1%	1.51	YELLOW	
Demel, Samuel	9	100.0%	100.0%	100.0%	0.0%	0.59	BLUE	
Dominguez, Lucio	9	88.9%	100.0%	100.0%	0.0%	0.56	BLUE	
Langford, Mike	9	77.8%	100.0%	100.0%	0.0%	0.43	WHITE	
Lonsway, Chris	9	66.7%	100.0%	100.0%	0.0%	0.61	WHITE	
Moore, Sean	9	66.7%	100.0%	100.0%	0.0%	1.18	WHITE	
Rodriguez, Edward	9	77.8%	100.0%	100.0%	0.0%	0.41	WHITE	
Sanchez, Christopher	9	100.0%	100.0%	100.0%	0.0%	0.63	BLUE	
Veiga, Victor	9	55.6%	77.8%	100.0%	0.0%	1.27	YELLOW	
Zalewski, John	9	88.9%	100.0%	100.0%	0.0%	0.50	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	12	48%
Red	6	80%	95%	0.85	0	0%
Blue	6	85%	98%	0.75	9	36%
Yellow	-	-	-	-	4	16%