



Test Monitoring Center

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

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

October 21, 2011

To Participants of the ASTM International Heavy Duty Rating Workshop:

The ASTM International Heavy Duty Rating Workshop was held on October 4-6, 2011 in San Antonio, TX. Enclosed are the minutes for the workshop and a copy of all of the data generated.

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

Sincerely,

Michael T. Kasimirsky
Workshop Coordinator

Richard E. Grundza
Workshop Coordinator

Notes on the Data

Following is the data produced during the October 4-6, 2011, ASTM International Heavy Duty Rating Workshop.

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

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

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

Heavy Duty Rating Workshop

October 4-6, 2011

San Antonio, Texas

Tuesday, October 4, 2011

The workshop began at 8:30am with 37 raters and one observer in attendance (see sign-in sheet). Michael Kasimirsky gave some opening remarks on the format of the workshop. Special thanks were given to Tony Barrera of Intertek Automotive Research for all his help in gathering the parts used at the workshop. Jeff Clark also gave a brief presentation on the new ASTM Rater Certificate Program being offered as part of the Rating Workshops.

The group then reviewed the various definitions of rubbed and non-rubbed carbon deposits and how those levels are determined. Light, Medium, and Heavy Carbon definitions were also reviewed.

There was also some discussion regarding having light duty parts at the heavy duty workshop, and vice versa, and also regarding moving to a single, annual workshop, instead of the current light duty and heavy duty rating workshops. No decisions were made regarding the formats of future workshops, but the feedback on those items was noted.

At 9:40am, the group began rating the Preliminary Exercise.

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

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

At 3:15pm, the group reviewed the Preliminary Exercise rating data.

At 4:45pm, the group began rating the Practical Application exercise.

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

Wednesday, October 5, 2011

Rating of the Practical Application exercise parts continued all day, with a break for lunch at 11:45am. The room was opened at 6:00am and closed at 6:20pm for the day.

Thursday, October 6, 2011

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

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

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

At 4:25pm, the workshop concluded.

The next Light Duty Rating Workshop will be held on April 17-19, 2012, at this same location. The next Heavy Duty Rating Workshop will be held on October 2-4, 2012, at this same location.

Discussions

Heavy Duty Rating Workshop

October 4-6, 2011

San Antonio, Texas

Rating Booth Lighting Survey

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

Single Annual Workshop

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

Two Room Workshop Format

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

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

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

Heavy Duty Rating Workshop 2011

Sign-In Sheet

Avis, Steven
Barrera, Tony
Castile, Kevin
Castillo, George
Chao, Kenneth
Clapperty, Leon
Clare, Jamie
Cumberworth, Lee
Foecking, Brian
Fujita, Hirokazu
Greenland, Paul
Guarda, Waldyr
Gutzwiller, Jim
Hill, Howard P.
Hills, Barry
Holland, Stephen
Hurst, Kevin R.
Kobrinetz, Joaquin J.
Langford, Mike
Lonsway, Chris
Lopez, Frank
Lowsky, John
May, Marianne
Moran, Andrew
Pitta, Jimmy
Potocar, William P
Ransford, Ronald
Richerson, Jay
Rodriguez, Jesse
Sanchez, Arthur
Schmidt, Brian
Seiz, Ray
Stremlow, Mike
Sugita, Takashi
Trevino, Bobby
Viera, Ralph B.
Zalewski, John

Steven Avis
Tony Barrera
Kevin Castile
George Castillo
Kenneth Chao
Leon Clapperty
Jamie Clare
Lee Cumberworth
Brian Foecking
Hirokazu Fujita
Paul Greenland
Waldyr Guarda
Jim Gutzwiller
Howard P. Hill
Barry Hills
Stephen Holland
Kevin R. Hurst
Joaquin J. Kobrinetz
Mike Langford
Chris Lonsway
Frank Lopez
John Lowsky
Marianne May
Andrew Moran
Jimmy Pitta
William P. Potocar
Ronald Ransford
Jay Richerson
Jesse Rodriguez
Arthur Sanchez
Brian Schmidt
Ray Seiz
Mike Stremlow
Takashi Sugita
Bobby Trevino
Ralph B. Viera
John Zalewski

Heavy Duty Rating Workshop 2011

Sign-In Sheet

Avis, Steven
Barrera, Tony
Castile, Kevin
Castillo, George
Chao, Kenneth
Clapperty, Leon
Clare, Jamie
Cumberworth, Lee
Foecking, Brian
Fujita, Hirokazu
Greenland, Paul
Guarda, Waldyr
Gutzwiller, Jim
Hill, Howard P.
Hills, Barry
Holland, Stephen
Hurst, Kevin R.
Kobrinetz, Joaquin J.
Langford, Mike
Lonsway, Chris
Lopez, Frank
Lowsky, John
May, Marianne
Moran, Andrew
Pitta, Jimmy
Potocar, William P
Ransford, Ronald
Richerson, Jay
Rodriguez, Jesse
Sanchez, Arthur
Schmidt, Brian
Seiz, Ray
Stremlow, Mike
Sugita, Takashi
Trevino, Bobby
Viera, Ralph B.
Zalewski, John

Steven Avis
Tony Barrera
Kevin Castile
George Castillo
Kenneth Chao
Leon Clapperty
Jamie Clare
Lee Cumberworth
Brian Foecking
Hirokazu Fujita
Paul Greenland
Waldyr Guarda
Jim Gutzwiller
Howard P. Hill
Barry Hills
Stephen Holland
Kevin R Hurst
Joaquin J. Kobrinetz
Mike Langford
Chris Lonsway
Frank Lopez
John Lowsky
Marianne May
Andrew Moran
Jimmy Pitta
William P Potocar
Ronald Ransford
Jay Richerson
Jesse Rodriguez
Arthur Sanchez
Brian Schmidt
Ray Seiz
Mike Stremlow
Takashi Sugita
Bobby Trevino
Ralph B. Viera
John Zalewski

Heavy Duty Rating Workshop 2011

Sign-In Sheet

- Avis, Steven
- Barrera, Tony
- Castile, Kevin
- Castillo, George
- Chao, Kenneth
- Clapperty, Leon
- Clare, Jamie
- Cumberworth, Lee
- Foecking, Brian
- Fujita, Hirokazu
- Greenland, Paul
- Guarda, Waldyr
- Gutzwiller, Jim
- Hill, Howard P.
- Hills, Barry
- Holland, Stephen
- Hurst, Kevin R.
- Kobrinetz, Joaquin J.
- Langford, Mike
- Lonsway, Chris
- Lopez, Frank
- Lowsky, John
- May, Marianne
- Moran, Andrew
- Pitta, Jimmy
- Potocar, William P
- Ransford, Ronald
- Richerson, Jay
- Rodriguez, Jesse
- Sanchez, Arthur
- Schmidt, Brian
- Seiz, Ray
- Stremlow, Mike
- Sugita, Takashi
- Trevino, Bobby
- Viera, Ralph B.
- Zalewski, John

[Handwritten signatures in blue and black ink, corresponding to the names on the left. Some names are written in multiple colors or styles.]

Preliminary Exercise

Left Rocker Cover Baffle Sludge
Left Rocker Cover Baffle Varnish

Right Rocker Cover Baffle Sludge
Right Rocker Cover Baffle Varnish

Cal Piston A Groove 3	Cal Piston A Groove 2	Cal Piston A Groove 1
Cal Piston A Land 3	Cal Piston A Land 2	Cal Piston A TGF

Cal Piston B Groove 1	Cal Piston B Groove 2	Cal Piston B Groove 3
	Cal Piston B Land 2	Cal Piston B Land 3
Cal Piston B TGF		

Cal Piston D Groove 3	Cal Piston D Groove 2	Cal Piston D Groove 1
Cal Piston D Land 3	Cal Piston D Land 2	Cal Piston D TGF

Cal Piston C Groove 1	Cal Piston C Groove 2	Cal Piston C Groove 3
	Cal Piston C Land 2	Cal Piston C Land 3
Cal Piston C TGF		

		Induction & Combustion VALCAL & PTCAL
D4V Piston M1	D4V Piston N1	D4V Piston O1

Seq V cal F1-4	Seq V cal Piston F1-4	Seq V cal Piston G1-4
	C13 Ring J3, J4	C13 Ring J5, J6
C13 Ring J1, J2		

Practical Application Exercise

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

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

A1 Square Cut	A2 Keystone	A3 C13-type
A6 2-Piece	A5 Seq III	A4 Square Cut

B3 C13-type	B2 Keystone	B1 Square Cut
B4 Square Cut	B5 Seq III	B6 2-Piece

A7 Seq III	B7 Seq III	C7 Seq III
A8 Seq III	B8 Seq III	C8 Seq III

C3 C13-type	C2 Keystone	C1 Square Cut
C4 Square Cut	C5 Seq III	C6 2-Piece

Intake Valves V1-8	Intake Valves W1-8	Piston Tops PTOPS
D4V Piston X1	D4V Piston Y1	D4V Piston Z1

Seq V Piston P1-8	Seq V Pistons Q1-8	Seq V Pistons R1-8
C13 Ring K1-6	C13 Ring L1-6	C13 Ring M1-6

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Part ID= CAL1A - CALIBRATION PISTON

Rated Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	TGF
Avis, Steven	72.68	10.09	0.00	14.05	1.75	77.00
Barrera, Tony	76.30	10.29	0.20	12.44	2.50	90.00
Castile, Kevin	72.20	24.67	1.00	14.80	14.80	10.00
Clare, Jamie	72.52	8.38	0.00	9.53	0.66	88.00
Cumberworth, Lee	62.12	12.45	0.03	14.15	2.31	89.00
Foecking, Brian	70.49	12.51	0.01	13.26	2.15	90.00
Gutzwiller, Jim	77.52	8.11	0.04	11.90	2.66	94.00
Hill, Howard P.	74.24	7.36	0.01	13.59	2.16	77.00
Hills, Barry	77.41	11.39	0.10	20.85	2.80	80.00
Kobrinetz, Joaquin J.	72.74	10.35	0.00	13.28	2.40	90.00
Langford, Mike	75.01	10.31	0.10	12.88	1.95	73.00
Lonsway, Chris	60.30	12.65	0.20	12.49	1.93	86.00
Lopez, Frank	74.90	9.41	0.00	15.29	1.51	80.00
May, Marianne	70.50	11.01	0.00	12.98	2.25	93.00
Pitta, Jimmy	72.84	11.12	0.10	12.63	2.23	90.00
Potocar, William P	74.70	10.42	0.10	11.95	1.70	85.00
Ransford, Ronald	81.56	11.43	5.61	14.63	2.43	75.00
Seiz, Ray	79.34	10.94	0.20	15.78	1.26	93.00
Senneff, Randall R	84.00	4.25	0.00	11.05	1.70	87.00
Stremlow, Mike	78.49	6.63	0.07	8.56	1.40	72.00
Sugita, Takashi	77.37	9.86	0.00	12.57	1.74	53.75
Trevino, Bobby	73.69	10.05	0.19	13.12	2.44	78.00
MAXIMUM	84.00	24.67	5.61	20.85	14.80	94.00
MINIMUM	60.30	4.25	0.00	8.56	0.66	10.00
RANGE(MAX-MIN)	23.700	20.420	5.610	12.290	14.140	84.000
MEAN	74.133	10.622	0.362	13.263	2.579	79.580
STANDARD DEVIATION	5.399	3.726	1.191	2.397	2.776	18.171

Part ID= CAL1A - CALIBRATION PISTON

CAL1A YI Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	TGF
Avis, Steven	-0.27	-0.14	-0.30	0.33	-0.30	-0.14
Barrera, Tony	0.40	-0.09	-0.14	-0.34	-0.03	0.57
Castile, Kevin	-0.36	3.77	0.54	0.64	4.40	-3.83
Clare, Jamie	-0.30	-0.60	-0.30	-1.56	-0.69	0.46
Cumberworth, Lee	-2.23	0.49	-0.28	0.37	-0.10	0.52
Foecking, Brian	-0.67	0.51	-0.30	0.00	-0.15	0.57
Gutzwiller, Jim	0.63	-0.67	-0.27	-0.57	0.03	0.79
Hill, Howard P.	0.02	-0.88	-0.30	0.14	-0.15	-0.14
Hills, Barry	0.61	0.21	-0.22	3.16	0.08	0.02
Kobrinetz, Joaquin J.	-0.26	-0.07	-0.30	0.01	-0.06	0.57
Langford, Mike	0.16	-0.08	-0.22	-0.16	-0.23	-0.36
Lonsway, Chris	-2.56	0.54	-0.14	-0.32	-0.23	0.35
Lopez, Frank	0.14	-0.33	-0.30	0.85	-0.38	0.02
May, Marianne	-0.67	0.10	-0.30	-0.12	-0.12	0.74
Pitta, Jimmy	-0.24	0.13	-0.22	-0.26	-0.13	0.57
Potocar, William P	0.11	-0.05	-0.22	-0.55	-0.32	0.30
Ransford, Ronald	1.38	0.22	4.41	0.57	-0.05	-0.25
Seiz, Ray	0.96	0.09	-0.14	1.05	-0.48	0.74
Senneff, Randall R	1.83	-1.71	-0.30	-0.92	-0.32	0.41
Stremlow, Mike	0.81	-1.07	-0.25	-1.96	-0.42	-0.42
Sugita, Takashi	0.60	-0.20	-0.30	-0.29	-0.30	-1.42
Trevino, Bobby	-0.08	-0.15	-0.14	-0.06	-0.05	-0.09
MAXIMUM	-2.56	3.77	4.41	3.16	4.40	-3.83
MINIMUM	0.02	-0.05	-0.14	0.00	-0.03	0.02
RANGE(MAX-MIN)	-2.582	3.824	4.542	3.166	4.430	-3.852
MEAN	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

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Part ID= CAL1B - CALIBRATION PISTON

Rated Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	TGF
Avis, Steven	70.04	7.67	0.00	19.88	3.31	81.00
Castillo, George	66.02	5.89	0.02	19.35	3.10	69.00
Chao, Kenneth	76.03	4.60	0.05	20.70	2.02	20.00
Clare, Jamie	74.58	6.36	0.00	17.28	0.53	67.00
Fujita, Hirokazu	76.07	5.42	0.10	14.89	2.91	80.50
Greenland, Paul	72.00	5.83	0.10	18.95	3.98	68.00
Gutzwiller, Jim	76.08	8.84	0.11	22.09	3.79	74.00
Holland, Stephen	74.80	5.89	0.07	20.33	2.55	70.00
Hurst, Kevin R.	74.27	6.02	0.20	17.57	2.65	79.00
Kobrinetz, Joaquin J.	68.56	5.50	0.05	21.51	3.08	70.00
Langford, Mike	70.40	5.68	0.10	19.36	3.60	73.00
Lonsway, Chris	54.02	7.47	0.50	22.65	3.42	69.00
Lowsky, John	63.01	6.57	0.10	20.28	3.13	70.00
May, Marianne	70.81	6.97	0.00	20.31	4.48	70.00
Pitta, Jimmy	72.54	6.97	0.00	19.43	3.54	70.00
Potocar, William P	79.31	7.67	0.10	19.88	3.10	73.00
Rodriguez, Jesus (Jesse)	75.27	6.35	0.10	20.57	3.12	71.00
Sanchez, Arthur	68.01	2.85	0.10	24.81	2.46	67.00
Seiz, Ray	74.29	5.76	0.15	19.66	2.96	88.00
Stremlow, Mike	74.30	5.60	0.20	15.37	2.31	76.00
Viera, Ralph B.	58.41	7.38	0.10	20.09	2.69	76.00
Zalewski, John	78.04	7.04	0.00	17.85	2.71	81.00
MAXIMUM	79.31	8.84	0.50	24.81	4.48	88.00
MINIMUM	54.02	2.85	0.00	14.89	0.53	20.00
RANGE(MAX-MIN)	25.290	5.990	0.500	9.920	3.950	68.000
MEAN	71.221	6.288	0.098	19.673	2.975	71.023
STANDARD DEVIATION	6.277	1.240	0.108	2.219	0.789	12.659

Part ID= CAL1B - CALIBRATION PISTON

CAL1B YI Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	TGF
Avis, Steven	-0.19	1.12	-0.91	0.09	0.42	0.79
Castillo, George	-0.83	-0.32	-0.72	-0.15	0.16	-0.16
Chao, Kenneth	0.77	-1.36	-0.44	0.46	-1.21	-4.03
Clare, Jamie	0.54	0.06	-0.91	-1.08	-3.10	-0.32
Fujita, Hirokazu	0.77	-0.70	0.02	-2.16	-0.08	0.75
Greenland, Paul	0.12	-0.37	0.02	-0.33	1.27	-0.24
Gutzwiller, Jim	0.77	2.06	0.11	1.09	1.03	0.24
Holland, Stephen	0.57	-0.32	-0.26	0.30	-0.54	-0.08
Hurst, Kevin R.	0.49	-0.22	0.95	-0.95	-0.41	0.63
Kobrinetz, Joaquin J.	-0.42	-0.64	-0.44	0.83	0.13	-0.08
Langford, Mike	-0.13	-0.49	0.02	-0.14	0.79	0.16
Lonsway, Chris	-2.74	0.95	3.73	1.34	0.56	-0.16
Lowsky, John	-1.31	0.23	0.02	0.27	0.20	-0.08
May, Marianne	-0.07	0.55	-0.91	0.29	1.91	-0.08
Pitta, Jimmy	0.21	0.55	-0.91	-0.11	0.72	-0.08
Potocar, William P	1.29	1.12	0.02	0.09	0.16	0.16
Rodriguez, Jesus (Jesse)	0.65	0.05	0.02	0.40	0.18	0.00
Sanchez, Arthur	-0.51	-2.77	0.02	2.31	-0.65	-0.32
Seiz, Ray	0.49	-0.43	0.48	-0.01	-0.02	1.34
Stremlow, Mike	0.49	-0.55	0.95	-1.94	-0.84	0.39
Viera, Ralph B.	-2.04	0.88	0.02	0.19	-0.36	0.39
Zalewski, John	1.09	0.61	-0.91	-0.82	-0.34	0.79
MAXIMUM	-2.74	-2.77	3.73	2.31	-3.10	-4.03
MINIMUM	-0.07	0.05	0.02	-0.01	-0.02	0.00
RANGE(MAX-MIN)	-2.675	-2.823	3.705	2.320	-3.078	-4.029
MEAN	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

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Part ID= CAL1C - CALIBRATION PISTON

Rated Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	TGF
Barrera, Tony	35.61	12.04	0.10	13.53	4.02	36.00
Castillo, George	33.58	10.62	0.14	9.83	4.11	33.00
Clapperty, Leon	34.15	14.55	0.50	12.47	3.05	32.00
Cumberworth, Lee	45.50	12.76	0.51	12.57	6.84	31.00
Guarda, Waldyr	33.39	10.99	0.06	14.07	4.74	44.00
Gutzwiller, Jim	41.16	12.01	0.19	12.12	6.06	39.00
Gutzwiller, Jim	41.15	8.12	0.19	12.13	6.11	39.00
Hill, Howard P.	32.39	9.21	1.23	9.75	4.86	38.00
Holland, Stephen	38.50	11.97	0.14	11.23	4.25	37.00
Kobrinetz, Joaquin J.	35.01	12.48	0.14	12.54	3.62	29.00
Lonsway, Chris	30.62	16.27	0.30	10.27	5.64	31.00
Lowsky, John	36.06	9.36	0.38	14.60	4.55	29.00
May, Marianne	37.69	9.68	0.26	12.80	3.93	32.00
Potocar, William P	29.57	11.49	1.20	10.85	6.20	36.00
Ransford, Ronald	37.71	11.95	0.38	10.89	6.36	29.00
Rodriguez, Jesus (Jesse)	43.34	12.12	0.30	13.07	5.44	26.00
Schmidt, Brian	18.45	24.04	1.00	20.60	24.65	41.35
Sugita, Takashi	40.01	6.72	1.05	16.34	4.82	35.00
Viera, Ralph B.	30.90	15.08	0.04	12.84	4.26	36.00
MAXIMUM	45.50	24.04	1.23	20.60	24.65	44.00
MINIMUM	18.45	6.72	0.04	9.75	3.05	26.00
RANGE(MAX-MIN)	27.050	17.320	1.190	10.850	21.600	18.000
MEAN	35.515	12.182	0.427	12.763	5.974	34.387
STANDARD DEVIATION	6.035	3.694	0.393	2.521	4.641	4.744

Part ID= CAL1C - CALIBRATION PISTON

CAL1C YI Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	TGF
Barrera, Tony	0.02	-0.04	-0.83	0.30	-0.42	0.34
Castillo, George	-0.32	-0.42	-0.73	-1.16	-0.40	-0.29
Clapperty, Leon	-0.23	0.64	0.19	-0.12	-0.63	-0.50
Cumberworth, Lee	1.65	0.16	0.21	-0.08	0.19	-0.71
Guarda, Waldyr	-0.35	-0.32	-0.93	0.52	-0.27	2.03
Gutzwiller, Jim	0.94	-0.05	-0.60	-0.26	0.02	0.97
Gutzwiller, Jim	0.93	-1.10	-0.60	-0.25	0.03	0.97
Hill, Howard P.	-0.52	-0.80	2.04	-1.20	-0.24	0.76
Holland, Stephen	0.49	-0.06	-0.73	-0.61	-0.37	0.55
Kobrinetz, Joaquin J.	-0.08	0.08	-0.73	-0.09	-0.51	-1.14
Lonsway, Chris	-0.81	1.11	-0.32	-0.99	-0.07	-0.71
Lowsky, John	0.09	-0.76	-0.12	0.73	-0.31	-1.14
May, Marianne	0.36	-0.68	-0.42	0.01	-0.44	-0.50
Potocar, William P	-0.99	-0.19	1.97	-0.76	0.05	0.34
Ransford, Ronald	0.36	-0.06	-0.12	-0.74	0.08	-1.14
Rodriguez, Jesus (Jesse)	1.30	-0.02	-0.32	0.12	-0.12	-1.77
Schmidt, Brian	-2.83	3.21	1.46	3.11	4.02	1.47
Sugita, Takashi	0.74	-1.48	1.58	1.42	-0.25	0.13
Viera, Ralph B.	-0.76	0.78	-0.98	0.03	-0.37	0.34
MAXIMUM	-2.83	3.21	2.04	3.11	4.02	2.03
MINIMUM	0.02	-0.02	-0.12	0.01	0.02	0.13
RANGE(MAX-MIN)	-2.844	3.227	2.160	3.094	4.005	1.897
MEAN	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

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Part ID= CAL1D - CALIBRATION PISTON

Rated Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	TGF
Castile, Kevin	41.69	18.90	2.96	13.64	2.05	17.00
Chao, Kenneth	5.80	6.65	0.50	9.15	1.60	35.00
Clapperty, Leon	44.18	17.64	0.93	12.77	1.06	62.00
Foecking, Brian	47.82	19.43	1.59	13.40	1.93	52.00
Greenland, Paul	65.70	17.20	1.50	12.13	2.26	53.00
Guarda, Waldyr	54.83	16.40	1.08	12.56	2.00	61.00
Hills, Barry	61.85	20.20	0.98	22.99	3.10	53.00
Hurst, Kevin R.	66.48	17.88	2.22	12.28	2.29	58.00
Kobrinetz, Joaquin J.	57.92	18.52	1.13	11.89	1.60	52.00
Lonsway, Chris	45.63	20.08	1.37	16.34	1.53	48.00
Lopez, Frank	70.66	17.50	1.45	16.29	1.39	54.00
May, Marianne	61.10	18.04	1.19	11.97	1.76	51.00
Sanchez, Arthur	62.55	16.15	1.07	17.13	1.55	57.00
Schmidt, Brian	80.50	43.25	1.90	26.50	2.80	70.00
Senneff, Randall R	65.65	19.67	2.66	27.54	1.95	43.00
Sugita, Takashi	77.37	9.86	2.20	12.57	4.44	54.00
Trevino, Bobby	67.49	16.61	2.01	11.02	2.21	54.00
Zalewski, John	71.39	17.99	1.61	11.20	0.51	64.00
MAXIMUM	80.50	43.25	2.96	27.54	4.44	70.00
MINIMUM	5.80	6.65	0.50	9.15	0.51	17.00
RANGE(MAX-MIN)	74.700	36.600	2.460	18.390	3.930	53.000
MEAN	58.256	18.443	1.575	15.076	2.002	52.111
STANDARD DEVIATION	17.138	7.084	0.643	5.322	0.850	11.722

Part ID= CAL1D - CALIBRATION PISTON

CAL1D YI Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	TGF
Castile, Kevin	-0.97	0.06	2.15	-0.27	0.06	-3.00
Chao, Kenneth	-3.06	-1.66	-1.67	-1.11	-0.47	-1.46
Clapperty, Leon	-0.82	-0.11	-1.00	-0.43	-1.11	0.84
Foecking, Brian	-0.61	0.14	0.02	-0.32	-0.08	-0.01
Greenland, Paul	0.43	-0.18	-0.12	-0.55	0.30	0.08
Guarda, Waldyr	-0.20	-0.29	-0.77	-0.47	0.00	0.76
Hills, Barry	0.21	0.25	-0.93	1.49	1.29	0.08
Hurst, Kevin R.	0.48	-0.08	1.00	-0.53	0.34	0.50
Kobrinetz, Joaquin J.	-0.02	0.01	-0.69	-0.60	-0.47	-0.01
Lonsway, Chris	-0.74	0.23	-0.32	0.24	-0.55	-0.35
Lopez, Frank	0.72	-0.13	-0.19	0.23	-0.72	0.16
May, Marianne	0.17	-0.06	-0.60	-0.58	-0.28	-0.09
Sanchez, Arthur	0.25	-0.32	-0.79	0.39	-0.53	0.42
Schmidt, Brian	1.30	3.50	0.51	2.15	0.94	1.53
Senneff, Randall R	0.43	0.17	1.69	2.34	-0.06	-0.78
Sugita, Takashi	1.12	-1.21	0.97	-0.47	2.87	0.16
Trevino, Bobby	0.54	-0.26	0.68	-0.76	0.25	0.16
Zalewski, John	0.77	-0.06	0.05	-0.73	-1.75	1.01
MAXIMUM	-3.06	3.50	2.15	2.34	2.87	-3.00
MINIMUM	-0.02	0.01	0.02	0.23	0.00	-0.01
RANGE(MAX-MIN)	-3.041	3.491	2.130	2.114	2.870	-2.986
MEAN	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

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

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

Rated Values

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

Rater	P1MERI	P2MERI	P3MERI	P4MERI
Barrera, Tony	8.80	8.77	8.53	8.56
Castillo, George	8.93		8.27	8.35
Chao, Kenneth	8.65	8.78	8.55	8.45
Hurst, Kevin R.	9.00	9.00	8.91	8.84
Lonsway, Chris	9.10	9.05	8.79	8.59
Lowsky, John	9.05	9.06	8.92	9.04
May, Marianne	9.09	9.16	8.70	8.62
Potocar, William P	9.24		8.63	8.51
Rodriguez, Jesus (Jesse)	9.12	9.23	8.76	8.81
Schmidt, Brian	8.10	7.80	7.90	2.80
Seiz, Ray	9.09		8.90	8.87
Senneff, Randall R	9.21	9.08	8.38	8.55
Zalewski, John	9.46	9.41	9.14	9.10
MAXIMUM	9.46	9.41	9.14	9.10
MINIMUM	8.10	7.80	7.90	2.80
RANGE(MAX-MIN)	1.360	1.610	1.240	6.300
MEAN	8.988	8.909	8.645	8.238
STANDARD DEVIATION	0.333	0.401	0.327	1.649

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

E1-4 YI Values

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

Rater	P1MERI	P2MERI	P3MERI	P4MERI
Barrera, Tony	-0.56	-0.35	-0.35	0.20
Castillo, George	-0.17	-0.85	-1.15	0.07
Chao, Kenneth	-1.01	-0.32	-0.29	0.13
Hurst, Kevin R.	0.04	0.23	0.81	0.37
Lonsway, Chris	0.34	0.35	0.44	0.21
Lowsky, John	0.19	0.38	0.84	0.49
May, Marianne	0.31	0.63	0.17	0.23
Potocar, William P	0.76	-0.27	-0.04	0.17
Rodriguez, Jesus (Jesse)	0.40	0.80	0.35	0.35
Schmidt, Brian	-2.66	-2.77	-2.28	-3.30
Seiz, Ray	0.31	0.50	0.78	0.38
Senneff, Randall R	0.67	0.43	-0.81	0.19
Zalewski, John	1.42	1.25	1.52	0.52
MAXIMUM	-2.66	-2.77	-2.28	-3.30
MINIMUM	0.04	0.23	-0.04	0.07
RANGE(MAX-MIN)	-2.702	-2.992	-2.234	-3.365
MEAN	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

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

Rated Values

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

Rater	P1MERI	P2MERI	P3MERI	P4MERI
Castile, Kevin	8.83	8.23	7.96	7.70
Castillo, George	9.01	8.69	8.75	8.41
Foecking, Brian	9.32	8.84	8.51	8.45
Guarda, Waldyr	9.37	8.95	8.67	8.64
Kobrinetz, Joaquin J.	9.23	8.96	8.75	8.59
Lopez, Frank	9.29	9.11	8.90	8.72
Lowsky, John	9.23	9.08	9.09	8.94
May, Marianne	9.30	8.75	8.63	8.48
Sanchez, Arthur	8.82	8.79	8.68	8.64
Schmidt, Brian	8.55	8.40	8.25	8.15
Senneff, Randall R	7.80	7.70	7.65	7.55
Stremlow, Mike	8.15	8.15	7.70	7.50
Viera, Ralph B.	9.20	8.77	8.84	8.82
Zalewski, John	9.44	9.14	9.05	9.05
MAXIMUM	9.44	9.14	9.09	9.05
MINIMUM	7.80	7.70	7.65	7.50
RANGE(MAX-MIN)	1.640	1.440	1.440	1.550
MEAN	8.967	8.683	8.531	8.403
STANDARD DEVIATION	0.493	0.419	0.467	0.499

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

F1-4 YI Values

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

Rater	P1MERI	P2MERI	P3MERI	P4MERI
Castile, Kevin	-0.28	-1.08	-1.22	-1.41
Castillo, George	0.09	0.02	0.47	0.01
Foecking, Brian	0.72	0.38	-0.04	0.09
Guarda, Waldyr	0.82	0.64	0.30	0.48
Kobrinetz, Joaquin J.	0.53	0.66	0.47	0.38
Lopez, Frank	0.65	1.02	0.79	0.64
Lowsky, John	0.53	0.95	1.20	1.08
May, Marianne	0.67	0.16	0.21	0.15
Sanchez, Arthur	-0.30	0.26	0.32	0.48
Schmidt, Brian	-0.85	-0.68	-0.60	-0.51
Senneff, Randall R	-2.37	-2.35	-1.89	-1.71
Stremlow, Mike	-1.66	-1.27	-1.78	-1.81
Viera, Ralph B.	0.47	0.21	0.66	0.84
Zalewski, John	0.96	1.09	1.11	1.30
MAXIMUM	-2.37	-2.35	-1.89	-1.81
MINIMUM	0.09	0.02	-0.04	0.01
RANGE(MAX-MIN)	-2.453	-2.364	-1.842	-1.823
MEAN	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

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

Rated Values

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

Rater	P1MERI	P2MERI	P3MERI	P4MERI
Barrera, Tony	8.74	8.73	8.38	8.40
Castile, Kevin	7.90	7.90	7.70	7.55
Chao, Kenneth	8.80	8.72	8.44	8.26
Foecking, Brian	8.92	9.03	8.51	8.13
Guarda, Waldyr	8.96	9.05	8.70	8.58
Hurst, Kevin R.	8.92	8.99	8.80	8.73
Lopez, Frank	8.85	8.77	8.13	8.09
May, Marianne	9.23	9.27	8.48	8.30
Potocar, William P	9.20	9.01	8.51	8.72
Rodriguez, Jesus (Jesse)	8.97	8.87	8.18	8.58
Sanchez, Arthur	8.58	8.56	8.23	7.85
Seiz, Ray	9.28	9.40	9.17	8.71
Stremlow, Mike	8.25	8.20	7.80	7.80
Trevino, Bobby	8.79	8.82	8.63	8.52
Viera, Ralph B.	8.87	8.49	8.44	7.94
MAXIMUM	9.28	9.40	9.17	8.73
MINIMUM	7.90	7.90	7.70	7.55
RANGE(MAX-MIN)	1.380	1.500	1.470	1.180
MEAN	8.817	8.787	8.407	8.277
STANDARD DEVIATION	0.361	0.389	0.371	0.374

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

G1-4 YI Values

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

Rater	P1MERI	P2MERI	P3MERI	P4MERI
Barrera, Tony	-0.21	-0.15	-0.07	0.33
Castile, Kevin	-2.54	-2.28	-1.90	-1.95
Chao, Kenneth	-0.05	-0.17	0.09	-0.05
Foecking, Brian	0.28	0.62	0.28	-0.39
Guarda, Waldyr	0.40	0.68	0.79	0.81
Hurst, Kevin R.	0.28	0.52	1.06	1.21
Lopez, Frank	0.09	-0.04	-0.75	-0.50
May, Marianne	1.14	1.24	0.20	0.06
Potocar, William P	1.06	0.57	0.28	1.18
Rodriguez, Jesus (Jesse)	0.42	0.21	-0.61	0.81
Sanchez, Arthur	-0.66	-0.58	-0.48	-1.14
Seiz, Ray	1.28	1.58	2.06	1.16
Stremlow, Mike	-1.57	-1.51	-1.63	-1.28
Trevino, Bobby	-0.08	0.08	0.60	0.65
Viera, Ralph B.	0.15	-0.76	0.09	-0.90
MAXIMUM	-2.54	-2.28	2.06	-1.95
MINIMUM	-0.05	-0.04	-0.07	-0.05
RANGE(MAX-MIN)	-2.492	-2.238	2.128	-1.899
MEAN	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Part ID= J1-6 - C13 2ND RING CARBON

Rated Values

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

Rater	R1DEME	R2DEME	R3DEME	R4DEME	R5DEME	R6DEME
Avis, Steven	24.00	14.00	44.00	51.00	13.00	12.00
Barrera, Tony	31.00	17.00	42.00	46.00	9.00	9.00
Castillo, George	32.00	16.00	57.00	62.00	9.00	10.00
Foecking, Brian	31.00	21.00	46.00	45.00	12.00	19.00
Hills, Barry	34.00	18.00	36.00	39.00	10.00	18.00
Lowsky, John	19.00	11.00	21.00	22.00	7.00	10.00
May, Marianne	31.00	15.00	42.00	38.00	10.00	11.00
Viera, Ralph B.	32.00	18.00	44.00	30.00	14.00	12.00
MAXIMUM	34.00	21.00	57.00	62.00	14.00	19.00
MINIMUM	19.00	11.00	21.00	22.00	7.00	9.00
RANGE(MAX-MIN)	15.000	10.000	36.000	40.000	7.000	10.000
MEAN	29.250	16.250	41.500	41.625	10.500	12.625
STANDARD DEVIATION	5.064	3.012	10.170	12.386	2.330	3.777

Part ID= J1-6 - C13 2ND RING CARBON

J1-6 YI Values

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

Rater	R1DEME	R2DEME	R3DEME	R4DEME	R5DEME	R6DEME
Avis, Steven	-1.04	-0.75	0.25	0.76	1.07	-0.17
Barrera, Tony	0.35	0.25	0.05	0.35	-0.64	-0.96
Castillo, George	0.54	-0.08	1.52	1.65	-0.64	-0.69
Foecking, Brian	0.35	1.58	0.44	0.27	0.64	1.69
Hills, Barry	0.94	0.58	-0.54	-0.21	-0.21	1.42
Lowsky, John	-2.02	-1.74	-2.02	-1.58	-1.50	-0.69
May, Marianne	0.35	-0.42	0.05	-0.29	-0.21	-0.43
Viera, Ralph B.	0.54	0.58	0.25	-0.94	1.50	-0.17
MAXIMUM	-2.02	-1.74	-2.02	1.65	-1.50	1.69
MINIMUM	0.35	-0.08	0.05	-0.21	-0.21	-0.17
RANGE(MAX-MIN)	-2.370	-1.660	-2.065	1.857	-1.288	1.853
MEAN	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

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Part ID= M1 - CAL D4V PISTON

Rated Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT
Avis, Steven	0.73	5.72	9.50	3.70	9.77
Chao, Kenneth	3.65	7.55	9.90	5.40	9.80
Clare, Jamie	0.63	6.53	9.75	5.68	9.85
Cumberworth, Lee	0.73	6.52	9.70	5.87	9.86
Greenland, Paul	0.69	6.21	9.90	5.90	9.90
Holland, Stephen	1.06	5.86	9.78	5.56	9.60
Hurst, Kevin R.	1.52	5.60	8.76	5.09	9.48
Langford, Mike	1.07	6.56	9.90	5.01	9.80
Lonsway, Chris	1.21	5.33	9.50	5.47	9.70
Lowsky, John	0.85	6.73	9.74	4.99	9.64
Potocar, William P	1.09	6.49	9.80	5.68	9.70
Rodriguez, Jesus (Jesse)	0.89	5.34	9.20	5.02	9.70
Schmidt, Brian	2.95	5.60	1.00	4.60	10.00
Seiz, Ray	0.67	6.11	9.92	5.46	9.87
Senneff, Randall R	2.75	6.47	9.80	5.66	10.00
Zalewski, John	0.64	6.10	9.88	5.01	9.80
MAXIMUM	3.65	7.55	9.92	5.90	10.00
MINIMUM	0.63	5.33	1.00	3.70	9.48
RANGE(MAX-MIN)	3.020	2.220	8.920	2.200	0.520
MEAN	1.321	6.170	9.127	5.256	9.779
STANDARD DEVIATION	0.939	0.587	2.189	0.556	0.140

Part ID= M1 - CAL D4V PISTON

M1 YI Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT
Avis, Steven	-0.63	-0.77	0.17	-2.80	-0.07
Chao, Kenneth	2.48	2.35	0.35	0.26	0.15
Clare, Jamie	-0.74	0.61	0.28	0.76	0.51
Cumberworth, Lee	-0.63	0.60	0.26	1.10	0.58
Greenland, Paul	-0.67	0.07	0.35	1.16	0.86
Holland, Stephen	-0.28	-0.53	0.30	0.55	-1.28
Hurst, Kevin R.	0.21	-0.97	-0.17	-0.30	-2.14
Langford, Mike	-0.27	0.66	0.35	-0.44	0.15
Lonsway, Chris	-0.12	-1.43	0.17	0.38	-0.57
Lowsky, John	-0.50	0.95	0.28	-0.48	-1.00
Potocar, William P	-0.25	0.55	0.31	0.76	-0.57
Rodriguez, Jesus (Jesse)	-0.46	-1.41	0.03	-0.42	-0.57
Schmidt, Brian	1.74	-0.97	-3.71	-1.18	1.58
Seiz, Ray	-0.69	-0.10	0.36	0.37	0.65
Senneff, Randall R	1.52	0.51	0.31	0.73	1.58
Zalewski, John	-0.72	-0.12	0.34	-0.44	0.15
MAXIMUM	2.48	2.35	-3.71	-2.80	-2.14
MINIMUM	-0.12	0.07	0.03	0.26	-0.07
RANGE(MAX-MIN)	2.599	2.283	-3.746	-3.056	-2.075
MEAN	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Part ID= N1 - CAL D4V PISTON

Rated Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT
Avis, Steven	0.74	0.77	1.57	0.05	2.58
Barrera, Tony	0.68	0.71	1.35	0.06	2.78
Castile, Kevin	0.52	0.47	0.80	0.31	2.76
Clare, Jamie	0.25	0.22	0.88	0.19	3.96
Foecking, Brian	1.16	0.71	1.30	0.06	2.54
Guarda, Waldyr	0.73	0.80	1.47	0.08	2.57
Hills, Barry	0.75	0.77	1.09	0.07	2.49
Holland, Stephen	0.25	0.23	1.32	0.05	3.87
Langford, Mike	1.69	1.01	1.85	0.05	4.08
Lopez, Frank	0.74	0.78	1.28	0.03	3.11
Lowsky, John	0.74	0.78	1.54	0.12	3.76
Ransford, Ronald	0.84	0.81	0.90	0.40	2.78
Sanchez, Arthur	0.73	0.71	1.37	0.23	3.26
Schmidt, Brian	1.10	1.49	1.81	1.56	3.12
Senneff, Randall R	1.82	0.56	1.45	0.06	2.76
Stremlow, Mike	1.05	0.76	0.94	0.21	3.20
Zalewski, John	0.74	0.67	1.61	0.36	3.57
MAXIMUM	1.82	1.49	1.85	1.56	4.08
MINIMUM	0.25	0.22	0.80	0.03	2.49
RANGE(MAX-MIN)	1.570	1.270	1.050	1.530	1.590
MEAN	0.855	0.721	1.325	0.229	3.129
STANDARD DEVIATION	0.418	0.284	0.316	0.363	0.539

Part ID= N1 - CAL D4V PISTON

N1 Y1 Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT
Avis, Steven	-0.27	0.17	0.77	-0.49	-1.02
Barrera, Tony	-0.42	-0.04	0.08	-0.47	-0.65
Castile, Kevin	-0.80	-0.88	-1.66	0.22	-0.68
Clare, Jamie	-1.45	-1.77	-1.41	-0.11	1.54
Foecking, Brian	0.73	-0.04	-0.08	-0.47	-1.09
Guarda, Waldyr	-0.30	0.28	0.46	-0.41	-1.04
Hills, Barry	-0.25	0.17	-0.74	-0.44	-1.19
Holland, Stephen	-1.45	-1.73	-0.02	-0.49	1.38
Langford, Mike	2.00	1.02	1.66	-0.49	1.77
Lopez, Frank	-0.27	0.21	-0.14	-0.55	-0.03
Lowsky, John	-0.27	0.21	0.68	-0.30	1.17
Ransford, Ronald	-0.04	0.32	-1.35	0.47	-0.65
Sanchez, Arthur	-0.30	-0.04	0.14	0.00	0.24
Schmidt, Brian	0.59	2.71	1.53	3.67	-0.02
Senneff, Randall R	2.31	-0.57	0.39	-0.47	-0.68
Stremlow, Mike	0.47	0.14	-1.22	-0.05	0.13
Zalewski, John	-0.27	-0.18	0.90	0.36	0.82
MAXIMUM	2.31	2.71	-1.66	3.67	1.77
MINIMUM	-0.04	-0.04	-0.02	0.00	-0.02
RANGE(MAX-MIN)	2.347	2.751	-1.645	3.665	1.782
MEAN	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Part ID= O1 - CAL D4V PISTON

Rated Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT
Barrera, Tony	0.55	3.40	9.95	2.18	9.79
Castile, Kevin	1.58	2.89	9.00	1.83	9.48
Chao, Kenneth	4.20	5.60	10.00	2.80	9.90
Cumberworth, Lee	0.67	3.30	9.62	2.25	9.82
Foecking, Brian	0.63	3.65	9.88	2.28	9.86
Greenland, Paul	0.20	3.16	9.95	2.12	9.90
Guarda, Waldyr	0.47	2.65	9.88	1.57	9.36
Hill, Howard P.	0.56	3.46	9.27	1.89	9.33
Hills, Barry	0.60	2.90	9.84	1.27	9.57
Hurst, Kevin R.	0.60	2.90	9.60	1.95	9.60
Lopez, Frank	0.59	3.39	9.90	1.20	9.85
Potocar, William P	0.54	3.27	9.80	2.11	9.80
Rodriguez, Jesus (Jesse)	0.55	3.39	9.60	2.38	9.60
Sanchez, Arthur	0.60	3.43	9.90	2.32	9.70
Seiz, Ray	0.46	3.39	9.90	2.43	9.90
Stremlow, Mike	0.19	3.17	9.90	2.21	9.47
Trevino, Bobby	0.94	3.18	9.69	1.97	9.74
MAXIMUM	4.20	5.60	10.00	2.80	9.90
MINIMUM	0.19	2.65	9.00	1.20	9.33
RANGE(MAX-MIN)	4.010	2.950	1.000	1.600	0.570
MEAN	0.819	3.361	9.746	2.045	9.686
STANDARD DEVIATION	0.922	0.632	0.266	0.410	0.192

Part ID= O1 - CAL D4V PISTON

O1 Yi Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT
Barrera, Tony	-0.29	0.06	0.77	0.33	0.54
Castile, Kevin	0.83	-0.74	-2.80	-0.52	-1.08
Chao, Kenneth	3.67	3.54	0.95	1.84	1.11
Cumberworth, Lee	-0.16	-0.10	-0.47	0.50	0.70
Foecking, Brian	-0.21	0.46	0.50	0.57	0.90
Greenland, Paul	-0.67	-0.32	0.77	0.18	1.11
Guarda, Waldyr	-0.38	-1.12	0.50	-1.16	-1.70
Hill, Howard P.	-0.28	0.16	-1.79	-0.38	-1.86
Hills, Barry	-0.24	-0.73	0.35	-1.89	-0.61
Hurst, Kevin R.	-0.24	-0.73	-0.55	-0.23	-0.45
Lopez, Frank	-0.25	0.05	0.58	-2.06	0.85
Potocar, William P	-0.30	-0.14	0.20	0.16	0.59
Rodriguez, Jesus (Jesse)	-0.29	0.05	-0.55	0.82	-0.45
Sanchez, Arthur	-0.24	0.11	0.58	0.67	0.07
Seiz, Ray	-0.39	0.05	0.58	0.94	1.11
Stremlow, Mike	-0.68	-0.30	0.58	0.40	-1.13
Trevino, Bobby	0.13	-0.29	-0.21	-0.18	0.28
MAXIMUM	3.67	3.54	-2.80	-2.06	-1.86
MINIMUM	0.13	0.05	0.20	0.16	0.07
RANGE(MAX-MIN)	3.536	3.497	-3.004	-2.222	-1.927
MEAN	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Part ID= VALCAL - CALIBRATION INTAKE VALVES

Rated Values

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

Rater	P1	P2
Avis, Steven	8.85	9.20
Barrera, Tony	9.00	9.30
Foecking, Brian	9.30	9.10
Lopez, Frank	8.90	9.10
Lowsky, John	9.25	9.44
Pitta, Jimmy	9.50	9.20
Rodriguez, Jesus (Jesse)	9.40	8.80
Seiz, Ray	9.35	9.20
Zalewski, John	9.40	9.20
MAXIMUM	9.50	9.44
MINIMUM	8.85	8.80
RANGE(MAX-MIN)	0.650	0.640
MEAN	9.217	9.171
STANDARD DEVIATION	0.238	0.173

Part ID= VALCAL - CALIBRATION INTAKE VALVES

VALCAL YI Values

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

Rater	P1	P2
Avis, Steven	-1.54	0.17
Barrera, Tony	-0.91	0.74
Foecking, Brian	0.35	-0.41
Lopez, Frank	-1.33	-0.41
Lowsky, John	0.14	1.55
Pitta, Jimmy	1.19	0.17
Rodriguez, Jesus (Jesse)	0.77	-2.14
Seiz, Ray	0.56	0.17
Zalewski, John	0.77	0.17
MAXIMUM	-1.54	-2.14
MINIMUM	0.14	0.17
RANGE(MAX-MIN)	-1.677	-2.309
MEAN	0.000	0.000
STANDARD DEVIATION	1.000	1.000

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Part ID= PTCAL - CALIBRATION PISTON TOPS

Rated Values

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

Rater	P1MERI	P2MERI	
Barrera, Tony	7.28	7.02	
Foecking, Brian	8.42	8.53	
Lopez, Frank	8.30	8.28	
Lowsky, John	8.03	8.06	
Rodriguez, Jesus (Jesse)	7.96	8.03	
Seiz, Ray	8.15	8.28	
Zalewski, John	7.83	7.93	
MAXIMUM	8.42	8.53	
MINIMUM	7.28	7.02	
RANGE(MAX-MIN)	1.140	1.510	
MEAN	7.996	8.019	
STANDARD DEVIATION	0.374	0.484	

Part ID= PTCAL - CALIBRATION PISTON TOPS

PTCAL YI Values

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

Rater	P1MERI	P2MERI	
Barrera, Tony	-1.91	-2.06	
Foecking, Brian	1.13	1.06	
Lopez, Frank	0.81	0.54	
Lowsky, John	0.09	0.09	
Rodriguez, Jesus (Jesse)	-0.10	0.02	
Seiz, Ray	0.41	0.54	
Zalewski, John	-0.44	-0.18	
MAXIMUM	-1.91	-2.06	
MINIMUM	0.09	0.02	
RANGE(MAX-MIN)	-2.006	-2.087	
MEAN	0.000	0.000	
STANDARD DEVIATION	1.000	1.000	

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Part ID= VSCALL - CAL VG RC BAFFLE SLUDGE L

Rated Values

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

Rater	TOTALS	
Avis, Steven	9.47	
Barrera, Tony	9.50	
Castillo, George	9.56	
Clapperty, Leon	9.49	
Clare, Jamie	9.50	
Cumberworth, Lee	9.30	
Foecking, Brian	9.42	
Greenland, Paul	9.50	
Hill, Howard P.	9.45	
Hills, Barry	9.43	
Holland, Stephen	9.50	
Hurst, Kevin R.	9.37	
Langford, Mike	9.50	
Lonsway, Chris	9.47	
Lopez, Frank	9.56	
Lowsky, John	9.45	
May, Marianne	9.47	
Potocar, William P	9.57	
Rodriguez, Jesus (Jesse)	9.60	
Sanchez, Arthur	9.33	
Seiz, Ray	9.37	
Trevino, Bobby	9.50	
Viera, Ralph B.	9.65	
Zalewski, John	9.48	
MAXIMUM	9.65	
MINIMUM	9.30	
RANGE(MAX-MIN)	0.350	
MEAN	9.477	
STANDARD DEVIATION	0.082	

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Part ID= VSCALL - CAL VG RC BAFFLE SLUDGE L

VSCALL Yi Values

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

Rater	TOTALS	
Avis, Steven	-0.08	
Barrera, Tony	0.29	
Castillo, George	1.02	
Clapperty, Leon	0.16	
Clare, Jamie	0.29	
Cumberworth, Lee	-2.16	
Foecking, Brian	-0.69	
Greenland, Paul	0.29	
Hill, Howard P.	-0.33	
Hills, Barry	-0.57	
Holland, Stephen	0.29	
Hurst, Kevin R.	-1.30	
Langford, Mike	0.29	
Lonsway, Chris	-0.08	
Lopez, Frank	1.02	
Lowsky, John	-0.33	
May, Marianne	-0.08	
Potocar, William P	1.14	
Rodriguez, Jesus (Jesse)	1.51	
Sanchez, Arthur	-1.79	
Seiz, Ray	-1.30	
Trevino, Bobby	0.29	
Viera, Ralph B.	2.12	
Zalewski, John	0.04	
MAXIMUM	-2.16	
MINIMUM	0.04	
RANGE(MAX-MIN)	-2.202	
MEAN	0.000	
STANDARD DEVIATION	1.000	

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Part ID= VSCALR - CAL VG RC BAFFLE SLUDGE R

Rated Values

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

Rater	TOTALS	
Avis, Steven	9.38	
Barrera, Tony	9.45	
Castile, Kevin	9.46	
Castillo, George	9.46	
Clapperty, Leon	9.42	
Clare, Jamie	9.45	
Cumberworth, Lee	9.25	
Foecking, Brian	9.26	
Greenland, Paul	9.44	
Hill, Howard P.	9.33	
Hills, Barry	9.27	
Holland, Stephen	9.48	
Hurst, Kevin R.	9.29	
Langford, Mike	9.46	
Lonsway, Chris	9.34	
Lopez, Frank	9.39	
Lowsky, John	9.37	
May, Marianne	9.46	
Potocar, William P	9.35	
Rodriguez, Jesus (Jesse)	9.38	
Sanchez, Arthur	9.20	
Seiz, Ray	9.23	
Trevino, Bobby	9.47	
Viera, Ralph B.	9.55	
Zalewski, John	9.43	
MAXIMUM	9.55	
MINIMUM	9.20	
RANGE(MAX-MIN)	0.350	
MEAN	9.383	
STANDARD DEVIATION	0.092	

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Part ID= VSCALR - CAL VG RC BAFFLE SLUDGE R

VSCALR Yi Values

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

Rater	TOTALS	
Avis, Steven	-0.03	
Barrera, Tony	0.73	
Castile, Kevin	0.84	
Castillo, George	0.84	
Clapperty, Leon	0.41	
Clare, Jamie	0.73	
Cumberworth, Lee	-1.45	
Foecking, Brian	-1.34	
Greenland, Paul	0.62	
Hill, Howard P.	-0.58	
Hills, Barry	-1.23	
Holland, Stephen	1.06	
Hurst, Kevin R.	-1.01	
Langford, Mike	0.84	
Lonsway, Chris	-0.47	
Lopez, Frank	0.08	
Lowsky, John	-0.14	
May, Marianne	0.84	
Potocar, William P	-0.36	
Rodriguez, Jesus (Jesse)	-0.03	
Sanchez, Arthur	-2.00	
Seiz, Ray	-1.67	
Trevino, Bobby	0.95	
Viera, Ralph B.	1.82	
Zalewski, John	0.52	
MAXIMUM	-2.00	
MINIMUM	-0.03	
RANGE(MAX-MIN)	-1.964	
MEAN	0.000	
STANDARD DEVIATION	1.000	

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Part ID= VVCALL - CAL VG RC BAFFLE VARNISH L

Rated Values

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

Rater	AVERAG	
Avis, Steven	9.53	
Barrera, Tony	9.70	
Castillo, George	9.25	
Clapperty, Leon	9.77	
Cumberworth, Lee	9.68	
Foecking, Brian	9.73	
Hill, Howard P.	9.43	
Hills, Barry	9.60	
Hurst, Kevin R.	9.53	
Lonsway, Chris	9.80	
Lopez, Frank	9.70	
Lowsky, John	9.10	
May, Marianne	9.61	
Rodriguez, Jesus (Jesse)	9.90	
Sanchez, Arthur	9.41	
Seiz, Ray	9.45	
Trevino, Bobby	9.57	
Viera, Ralph B.	9.58	
Zalewski, John	9.75	
MAXIMUM	9.90	
MINIMUM	9.10	
RANGE(MAX-MIN)	0.800	
MEAN	9.584	
STANDARD DEVIATION	0.196	

Part ID= VVCALL - CAL VG RC BAFFLE VARNISH L

VVCALL YI Values

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

Rater	AVERAG	
Avis, Steven	-0.27	
Barrera, Tony	0.59	
Castillo, George	-1.70	
Clapperty, Leon	0.95	
Cumberworth, Lee	0.49	
Foecking, Brian	0.75	
Hill, Howard P.	-0.78	
Hills, Barry	0.08	
Hurst, Kevin R.	-0.27	
Lonsway, Chris	1.10	
Lopez, Frank	0.59	
Lowsky, John	-2.47	
May, Marianne	0.13	
Rodriguez, Jesus (Jesse)	1.61	
Sanchez, Arthur	-0.89	
Seiz, Ray	-0.68	
Trevino, Bobby	-0.07	
Viera, Ralph B.	-0.02	
Zalewski, John	0.85	
MAXIMUM	-2.47	
MINIMUM	-0.02	
RANGE(MAX-MIN)	-2.450	
MEAN	0.000	
STANDARD DEVIATION	1.000	

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Part ID= VVICALR - CAL VG RC BAFFLE VARNISH R

Rated Values

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

Rater	AVERAG	
Avis, Steven	9.45	
Barrera, Tony	9.70	
Castillo, George	9.55	
Clapperty, Leon	9.76	
Cumberworth, Lee	9.77	
Foecking, Brian	9.73	
Hill, Howard P.	9.30	
Hills, Barry	9.60	
Hurst, Kevin R.	9.58	
Lonsway, Chris	9.70	
Lopez, Frank	9.80	
Lowsky, John	9.04	
May, Marianne	9.66	
Rodriguez, Jesus (Jesse)	9.90	
Sanchez, Arthur	9.50	
Seiz, Ray	9.27	
Trevino, Bobby	9.66	
Viera, Ralph B.	9.60	
Zalewski, John	9.75	
MAXIMUM	9.90	
MINIMUM	9.04	
RANGE(MAX-MIN)	0.860	
MEAN	9.596	
STANDARD DEVIATION	0.211	

Part ID= VVICALR - CAL VG RC BAFFLE VARNISH R

VVICALR YI Values

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

Rater	AVERAG	
Avis, Steven	-0.69	
Barrera, Tony	0.49	
Castillo, George	-0.22	
Clapperty, Leon	0.78	
Cumberworth, Lee	0.83	
Foecking, Brian	0.64	
Hill, Howard P.	-1.40	
Hills, Barry	0.02	
Hurst, Kevin R.	-0.08	
Lonsway, Chris	0.49	
Lopez, Frank	0.97	
Lowsky, John	-2.64	
May, Marianne	0.30	
Rodriguez, Jesus (Jesse)	1.44	
Sanchez, Arthur	-0.45	
Seiz, Ray	-1.55	
Trevino, Bobby	0.30	
Viera, Ralph B.	0.02	
Zalewski, John	0.73	
MAXIMUM	-2.64	
MINIMUM	0.02	
RANGE(MAX-MIN)	-2.659	
MEAN	0.000	
STANDARD DEVIATION	1.000	

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Part ID= A1 - SQUARE CUT

Rated Values

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

Rater	G1TOT	G2TOT	G3TOT	G4TOT	L2TOT	L3TOT	L4TOT	TGF
Castile, Kevin	74.62	37.92	0.51	0.50	53.65	1.30	1.26	77.00
Clapperty, Leon	59.03	12.61	0.22	0.38	14.72	0.36	0.33	68.00
Cumberworth, Lee	55.40	14.97	0.23	0.16	16.73	0.75	0.82	60.00
Foecking, Brian	53.66	11.56	0.02	0.04	19.43	0.77	0.71	63.00
Guarda, Waldyr	48.25	13.12	0.20	0.25	17.55	1.13	1.03	67.00
Hill, Howard P.	58.13	11.08	0.92	0.25	20.56	0.70	0.57	72.00
Hills, Barry	63.53	13.06	0.20	0.24	26.94	1.26	1.39	63.00
Kobrinetz, Joaquin J.	56.83	12.57	0.04	0.10	15.76	0.51	0.52	58.00
Lopez, Frank	65.55	13.17	0.20	0.35	24.21	1.04	0.91	61.00
Schmidt, Brian	70.64	15.49	1.00	1.00	43.74	2.03	1.80	79.75
Senneff, Randall R	64.22	13.12	0.50	0.50	16.16	0.73	1.63	55.00
Sugita, Takashi	60.26	10.61	1.00	1.20	35.30	1.72	1.81	59.00
Zalewski, John	71.20	11.73	0.10	0.20	47.02	0.76	1.05	72.00
MAXIMUM	74.62	37.92	1.00	1.20	53.65	2.03	1.81	79.75
MINIMUM	48.25	10.61	0.02	0.04	14.72	0.36	0.33	55.00
RANGE(MAX-MIN)	26.370	27.310	0.980	1.160	38.930	1.670	1.480	24.750
MEAN	61.640	14.693	0.395	0.398	27.059	1.005	1.064	65.750
STANDARD DEVIATION	7.596	7.114	0.360	0.343	13.404	0.478	0.488	7.634

Part ID= A1 - SQUARE CUT

A1 YI Values

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

Rater	G1TOT	G2TOT	G3TOT	G4TOT	L2TOT	L3TOT	L4TOT	TGF
Castile, Kevin	1.71	3.27	0.32	0.30	1.98	0.62	0.40	1.47
Clapperty, Leon	-0.34	-0.29	-0.49	-0.05	-0.92	-1.35	-1.51	0.29
Cumberworth, Lee	-0.82	0.04	-0.46	-0.69	-0.77	-0.53	-0.50	-0.75
Foecking, Brian	-1.05	-0.44	-1.04	-1.04	-0.57	-0.49	-0.73	-0.36
Guarda, Waldyr	-1.76	-0.22	-0.54	-0.43	-0.71	0.26	-0.07	0.16
Hill, Howard P.	-0.46	-0.51	1.46	-0.43	-0.48	-0.64	-1.01	0.82
Hills, Barry	0.25	-0.23	-0.54	-0.46	-0.01	0.53	0.67	-0.36
Kobrinetz, Joaquin J.	-0.63	-0.30	-0.99	-0.87	-0.84	-1.04	-1.12	-1.02
Lopez, Frank	0.51	-0.21	-0.54	-0.14	-0.21	0.07	-0.32	-0.62
Schmidt, Brian	1.18	0.11	1.68	1.76	1.24	2.15	1.51	1.83
Senneff, Randall R	0.34	-0.22	0.29	0.30	-0.81	-0.57	1.16	-1.41
Sugita, Takashi	-0.18	-0.57	1.68	2.34	0.61	1.50	1.53	-0.88
Zalewski, John	1.26	-0.42	-0.82	-0.58	1.49	-0.51	-0.03	0.82
MAXIMUM	-1.76	3.27	1.68	2.34	1.98	2.15	1.53	1.83
MINIMUM	-0.18	0.04	0.29	-0.05	-0.01	0.07	-0.03	0.16
RANGE(MAX-MIN)	-1.581	3.226	1.388	2.392	1.993	2.072	1.559	1.670
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

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Part ID= A2 - KEYSTONE

Rated Values

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

Rater	G1TOT	G2TOT	G3TOT	USTOT	L1TOT	L2TOT	L3TOT	UCTOT	TGF	2ndGF	TLHC	TLEC
Castile, Kevin	54.00	29.24	1.41	0.11	3.26	62.59	57.43	0.23	81.00	29.00	0.00	4.00
Clapperty, Leon	35.50	19.89	0.62	0.12	3.74	27.53	0.46	0.37	24.00	15.00	0.00	0.00
Foecking, Brian	36.50	21.75	0.32	0.09	2.98	26.43	0.28	0.62	22.00	11.00	0.00	1.00
Guarda, Waldyr	33.58	27.85	0.41	0.49	5.05	30.89	1.59	1.22	38.00	36.00	0.00	0.00
Hills, Barry	37.50	25.15	0.58	0.13	5.20	27.30	1.29	0.44	24.00	19.00	0.00	0.00
Lopez, Frank	36.25	22.05	0.72	0.20	6.30	26.24	0.96	0.92	25.00	10.00	0.00	0.00
Schmidt, Brian	58.00	26.24	1.72	1.20	5.50	35.74	0.44	0.00	23.25	35.10	0.00	0.00
Senneff, Randall R	36.25	20.86	0.61	0.00	3.59	26.41	0.00	0.50	23.00	30.00	0.00	0.00
Sugita, Takashi	34.17	21.51	1.33	1.00	4.79	38.08	1.85	1.04	33.25	19.75	0.00	1.75
Zalewski, John	36.25	21.58	0.82	0.16	3.34	36.17	1.04	0.55	30.00	21.00	0.00	0.00
MAXIMUM	58.00	29.24	1.72	1.20	6.30	62.59	57.43	1.22	81.00	36.00	0.00	4.00
MINIMUM	33.58	19.89	0.32	0.00	2.98	26.24	0.00	0.00	22.00	10.00	0.00	0.00
RANGE(MAX-MIN)	24.420	9.350	1.400	1.200	3.320	36.350	57.430	1.220	59.000	26.000	0.000	4.000
MEAN	39.800	23.612	0.854	0.350	4.375	33.738	6.534	0.589	32.350	22.585	0.000	0.675
STANDARD DEVIATION	8.665	3.245	0.469	0.418	1.133	11.119	17.893	0.375	17.876	9.465	0.000	1.313

Part ID= A2 - KEYSTONE

A2 YI Values

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

Rater	G1TOT	G2TOT	G3TOT	USTOT	L1TOT	L2TOT	L3TOT	UCTOT	TGF	2ndGF	TLHC	TLEC
Castile, Kevin	1.64	1.73	1.19	-0.57	-0.98	2.59	2.84	-0.96	2.72	0.68	0.00	2.53
Clapperty, Leon	-0.50	-1.15	-0.50	-0.55	-0.56	-0.56	-0.34	-0.58	-0.47	-0.80	0.00	-0.51
Foecking, Brian	-0.38	-0.57	-1.14	-0.62	-1.23	-0.66	-0.35	0.08	-0.58	-1.22	0.00	0.25
Guarda, Waldyr	-0.72	1.31	-0.95	0.34	0.60	-0.26	-0.28	1.68	0.32	1.42	0.00	-0.51
Hills, Barry	-0.27	0.47	-0.58	-0.53	0.73	-0.58	-0.29	-0.40	-0.47	-0.38	0.00	-0.51
Lopez, Frank	-0.41	-0.48	-0.29	-0.36	1.70	-0.67	-0.31	0.88	-0.41	-1.33	0.00	-0.51
Schmidt, Brian	2.10	0.81	1.85	2.03	0.99	0.18	-0.34	-1.57	-0.51	1.32	0.00	-0.51
Senneff, Randall R	-0.41	-0.85	-0.52	-0.84	-0.69	-0.66	-0.37	-0.24	-0.52	0.78	0.00	-0.51
Sugita, Takashi	-0.65	-0.65	1.02	1.56	0.37	0.39	-0.26	1.20	0.05	-0.30	0.00	0.82
Zalewski, John	-0.41	-0.63	-0.07	-0.45	-0.91	0.22	-0.31	-0.10	-0.13	-0.17	0.00	-0.51
MAXIMUM	2.10	1.73	1.85	2.03	1.70	2.59	2.84	1.68	2.72	1.42	0.00	2.53
MINIMUM	-0.27	0.47	-0.07	0.34	0.37	0.18	-0.26	0.08	0.05	-0.17	0.00	0.25
RANGE(MAX-MIN)	2.366	1.260	1.921	1.699	1.332	2.415	3.106	1.599	2.671	1.585	0.000	2.286
MEAN	0.000	0.000	0.000	0.000	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	1.000	1.000	0.000	1.000

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Part ID= A3 - C13-STYLE

Rated Values

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

Rater	G1TOT	G2TOT	G3TOT	UCTOT	L1TOT	L2TOT	L3TOT	L4TOT
Castile, Kevin	56.29	7.62	2.45	0.10	26.37	66.99	3.85	1.00
Foecking, Brian	41.06	3.27	3.83	7.06	20.46	22.18	4.24	1.57
Guarda, Waldyr	41.30	7.64	4.80	4.08	20.06	22.60	5.48	2.61
Hill, Howard P.	45.42	3.40	4.42	3.80	20.47	20.71	4.15	2.40
Hills, Barry	32.81	3.83	3.40	1.50	19.38	24.72	4.23	2.80
Lopez, Frank	34.30	3.23	1.87	7.50	24.70	25.27	3.69	1.20
Schmidt, Brian	50.00	2.77	1.80	0.00	20.78	21.19	4.16	0.00
Senneff, Randall R	48.12	8.23	3.80	0.00	18.40	17.84	3.59	3.00
Sugita, Takashi	38.23	4.84	5.20	7.50	18.96	27.71	6.55	3.00
Zalewski, John	0.63	7.64	7.01	7.76	1.27	2.18	8.10	9.75
MAXIMUM	56.29	8.23	7.01	7.76	26.37	66.99	8.10	9.75
MINIMUM	0.63	2.77	1.80	0.00	1.27	2.18	3.59	0.00
RANGE(MAX-MIN)	55.660	5.460	5.210	7.760	25.100	64.810	4.510	9.750
MEAN	38.816	5.247	3.858	3.930	19.085	25.139	4.804	2.733
STANDARD DEVIATION	15.227	2.253	1.610	3.358	6.751	16.293	1.471	2.660

Part ID= A3 - C13-STYLE

A3 YI Values

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

Rater	G1TOT	G2TOT	G3TOT	UCTOT	L1TOT	L2TOT	L3TOT	L4TOT
Castile, Kevin	1.15	1.05	-0.87	-1.14	1.08	2.57	-0.65	-0.65
Foecking, Brian	0.15	-0.88	-0.02	0.93	0.20	-0.18	-0.38	-0.44
Guarda, Waldyr	0.16	1.06	0.59	0.04	0.14	-0.16	0.46	-0.05
Hill, Howard P.	0.43	-0.82	0.35	-0.04	0.21	-0.27	-0.44	-0.13
Hills, Barry	-0.39	-0.63	-0.28	-0.72	0.04	-0.03	-0.39	0.03
Lopez, Frank	-0.30	-0.90	-1.23	1.06	0.83	0.01	-0.76	-0.58
Schmidt, Brian	0.73	-1.10	-1.28	-1.17	0.25	-0.24	-0.44	-1.03
Senneff, Randall R	0.61	1.32	-0.04	-1.17	-0.10	-0.45	-0.83	0.10
Sugita, Takashi	-0.04	-0.18	0.83	1.06	-0.02	0.16	1.19	0.10
Zalewski, John	-2.51	1.06	1.96	1.14	-2.64	-1.41	2.24	2.64
MAXIMUM	-2.51	1.32	1.96	-1.17	-2.64	2.57	2.24	2.64
MINIMUM	-0.04	-0.18	-0.02	-0.04	-0.02	0.01	-0.38	0.03
RANGE(MAX-MIN)	-2.469	1.505	1.975	-1.132	-2.620	2.561	2.623	2.613
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

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Part ID= A4 - SQUARE CUT

Rated Values

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

Rater	G1TOT	G2TOT	G3TOT	G4TOT	L2TOT	L3TOT	L4TOT	TGF
Castile, Kevin	64.25	23.62	0.85	0.54	33.06	1.22	2.03	85.00
Clapperty, Leon	61.79	12.15	0.40	0.34	14.19	0.39	0.46	72.00
Foecking, Brian	65.25	12.98	0.11	0.41	17.58	0.85	1.11	66.00
Guarda, Waldyr	63.50	12.47	0.33	0.44	17.36	0.84	0.95	76.00
Hills, Barry	60.08	14.37	0.12	0.14	19.12	0.56	0.77	59.00
Hurst, Kevin R.	69.53	13.64	0.23	0.37	17.13	0.86	0.87	69.00
Kobrinetz, Joaquin J.	63.55	12.76	0.09	0.19	16.24	0.36	0.57	68.00
Lopez, Frank	69.50	14.66	0.25	0.40	18.02	0.52	1.06	58.00
Schmidt, Brian	80.50	15.75	0.70	0.25	48.10	1.80	2.05	81.25
Senneff, Randall R	66.03	17.95	0.50	0.50	24.61	1.78	1.65	65.00
Sugita, Takashi	72.59	13.49	1.46	1.30	25.23	1.95	2.00	72.25
Zalewski, John	73.12	12.93	0.32	0.22	16.22	0.51	0.85	87.00
MAXIMUM	80.50	23.62	1.46	1.30	48.10	1.95	2.05	87.00
MINIMUM	60.08	12.15	0.09	0.14	14.19	0.36	0.46	58.00
RANGE(MAX-MIN)	20.420	11.470	1.370	1.160	33.910	1.590	1.590	29.000
MEAN	67.474	14.731	0.447	0.425	22.238	0.970	1.198	71.542
STANDARD DEVIATION	5.813	3.237	0.396	0.302	9.708	0.580	0.580	9.381

Part ID= A4 - SQUARE CUT

A4 YI Values

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

Rater	G1TOT	G2TOT	G3TOT	G4TOT	L2TOT	L3TOT	L4TOT	TGF
Castile, Kevin	-0.55	2.75	1.02	0.38	1.11	0.43	1.43	1.43
Clapperty, Leon	-0.98	-0.80	-0.12	-0.28	-0.83	-1.00	-1.27	0.05
Foecking, Brian	-0.38	-0.54	-0.85	-0.05	-0.48	-0.21	-0.15	-0.59
Guarda, Waldyr	-0.68	-0.70	-0.29	0.05	-0.50	-0.22	-0.43	0.48
Hills, Barry	-1.27	-0.11	-0.83	-0.94	-0.32	-0.71	-0.74	-1.34
Hurst, Kevin R.	0.35	-0.34	-0.55	-0.18	-0.53	-0.19	-0.56	-0.27
Kobrinetz, Joaquin J.	-0.68	-0.61	-0.90	-0.78	-0.62	-1.05	-1.08	-0.38
Lopez, Frank	0.35	-0.02	-0.50	-0.08	-0.43	-0.78	-0.24	-1.44
Schmidt, Brian	2.24	0.31	0.64	-0.58	2.66	1.43	1.47	1.03
Senneff, Randall R	-0.25	0.99	0.13	0.25	0.24	1.40	0.78	-0.70
Sugita, Takashi	0.88	-0.38	2.56	2.90	0.31	1.69	1.38	0.08
Zalewski, John	0.97	-0.56	-0.32	-0.68	-0.62	-0.79	-0.60	1.65
MAXIMUM	2.24	2.75	2.56	2.90	2.66	1.69	1.47	1.65
MINIMUM	-0.25	-0.02	-0.12	-0.05	0.24	-0.19	-0.15	0.05
RANGE(MAX-MIN)	2.490	2.768	2.680	2.945	2.420	1.879	1.620	1.599
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Part ID= A5 - SEQUENCE III

Rated Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCTOT	THTOT	ATTOT
Castile, Kevin	19.30	38.50	1.92	91.03	68.50	6.03	0.16	0.14
Foecking, Brian	20.58	31.75	1.38	56.29	23.65	7.38	0.50	0.27
Guarda, Waldyr	25.10	34.75	1.58	37.35	24.83	13.70	0.73	0.70
Hills, Barry	21.88	32.50	1.10	54.04	23.49	7.50	0.18	0.22
Lopez, Frank	21.32	35.50	1.17	54.04	23.70	7.99	0.45	0.25
May, Marianne	23.43	31.00	1.17	61.75	24.13	7.41	0.40	0.27
Senneff, Randall R	21.45	34.75	1.83	85.14	23.20	6.55	0.40	0.14
Sugita, Takashi	21.70	33.25	2.18	91.43	22.35	5.46	2.00	1.50
Trevino, Bobby	20.36	31.00	1.65	51.07	23.88	7.21	0.29	0.15
Zalewski, John	23.14	32.50	1.92	86.49	31.04	15.93	1.09	0.43
MAXIMUM	25.10	38.50	2.18	91.43	68.50	15.93	2.00	1.50
MINIMUM	19.30	31.00	1.10	37.35	22.35	5.46	0.16	0.14
RANGE(MAX-MIN)	5.800	7.500	1.080	54.080	46.150	10.470	1.840	1.360
MEAN	21.826	33.550	1.590	66.863	28.877	8.516	0.620	0.407
STANDARD DEVIATION	1.684	2.351	0.375	19.704	14.128	3.444	0.557	0.420

Part ID= A5 - SEQUENCE III

A5 YI Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCTOT	THTOT	ATTOT
Castile, Kevin	-1.50	2.11	0.88	1.23	2.80	-0.72	-0.83	-0.64
Foecking, Brian	-0.74	-0.77	-0.56	-0.54	-0.37	-0.33	-0.22	-0.33
Guarda, Waldyr	1.94	0.51	-0.03	-1.50	-0.29	1.51	0.20	0.70
Hills, Barry	0.03	-0.45	-1.31	-0.65	-0.38	-0.30	-0.79	-0.45
Lopez, Frank	-0.30	0.83	-1.12	-0.65	-0.37	-0.15	-0.31	-0.37
May, Marianne	0.95	-1.08	-1.12	-0.26	-0.34	-0.32	-0.40	-0.33
Senneff, Randall R	-0.22	0.51	0.64	0.93	-0.40	-0.57	-0.40	-0.64
Sugita, Takashi	-0.07	-0.13	1.57	1.25	-0.46	-0.89	2.48	2.60
Trevino, Bobby	-0.87	-1.08	0.16	-0.80	-0.35	-0.38	-0.59	-0.61
Zalewski, John	0.78	-0.45	0.88	1.00	0.15	2.15	0.84	0.05
MAXIMUM	1.94	2.11	1.57	-1.50	2.80	2.15	2.48	2.60
MINIMUM	0.03	-0.13	-0.03	-0.26	0.15	-0.15	0.20	0.05
RANGE(MAX-MIN)	1.912	2.234	1.601	-1.238	2.651	2.305	2.280	2.548
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

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Part ID= A6 - ARTICULATED 2-PIECE

Rated Values

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

Rater	G1TOT	G2TOT	G3TOT	UCTOT	OCTOT	L1TOT	L2TOT	L3TOT	L4TOT	TGF	2ndGF	TLHC	TLFC
Avis, Steven	31.25	8.47	0.72	6.90	6.90	30.01	3.28	1.09	0.42	22.00	1.00	19.00	0.00
Castile, Kevin	50.25	8.88	1.55	1.50	1.50	45.67	4.36	1.50	0.50	65.00	10.00	31.00	9.00
Clapperty, Leon	28.75	9.25	0.42	4.50	5.85	25.09	4.65	0.76	0.33	25.00	1.00	14.00	0.00
Foeking, Brian	26.00	9.11	0.99	4.35	4.36	33.74	4.50	2.33	0.75	9.00	1.00	26.00	1.00
Guarda, Waldyr	39.50	9.51	1.41	4.90	5.70	36.52	6.97	2.43	1.20	47.00	6.00	18.00	3.00
Hills, Barry	28.00	9.30	1.40	0.15	6.60	39.80	7.53	3.25	1.00	15.00	1.00	27.00	0.00
Kobrinetz, Joaquin J.	29.06	9.18	0.51	5.86	6.76	38.19	4.60	1.30	0.45	16.00	1.00	22.00	4.00
Lopez, Frank	26.25	8.77	0.72	6.90	6.90	38.31	6.09	1.43	0.45	12.00	1.00	25.00	1.00
Senneff, Randall R	33.50	12.82	1.22	1.50	3.90	41.00	5.51	1.45	0.42	20.00	3.00	24.00	10.00
Sugita, Takashi	30.11	9.17	1.54	3.30	7.36	35.24	6.05	2.45	1.60	27.75	5.25	28.00	5.90
Zalewski, John	33.31	9.56	0.41	5.40	6.60	37.56	4.50	1.01	0.31	28.00	6.00	31.00	0.00
MAXIMUM	50.25	12.82	1.55	6.90	7.36	45.67	7.53	3.25	1.60	65.00	10.00	31.00	10.00
MINIMUM	26.00	8.47	0.41	0.15	1.50	25.09	3.28	0.76	0.31	9.00	1.00	14.00	0.00
RANGE(MAX-MIN)	24.250	4.350	1.140	6.750	5.860	20.580	4.250	2.490	1.290	56.000	9.000	17.000	10.000
MEAN	32.362	9.456	0.990	4.115	5.675	36.466	5.276	1.727	0.675	26.068	3.295	24.091	3.082
STANDARD DEVIATION	7.073	1.160	0.453	2.260	1.763	5.513	1.271	0.772	0.419	16.517	3.084	5.412	3.719

Part ID= A6 - ARTICULATED 2-PIECE

A6 Y1 Values

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

Rater	G1TOT	G2TOT	G3TOT	UCTOT	OCTOT	L1TOT	L2TOT	L3TOT	L4TOT	TGF	2ndGF	TLHC	TLFC
Avis, Steven	-0.16	-0.85	-0.60	1.23	0.69	-1.17	-1.57	-0.83	-0.61	-0.25	-0.74	-0.94	-0.83
Castile, Kevin	2.53	-0.50	1.24	-1.16	-2.37	1.67	-0.72	-0.29	-0.42	2.36	2.17	1.28	1.59
Clapperty, Leon	-0.51	-0.18	-1.26	0.17	0.10	-2.06	-0.49	-1.25	-0.82	-0.06	-0.74	-1.86	-0.83
Foeking, Brian	-0.90	-0.30	0.00	0.10	-0.75	-0.49	-0.61	0.78	0.18	-1.03	-0.74	0.35	-0.56
Guarda, Waldyr	1.01	0.05	0.93	0.35	0.01	0.01	1.33	0.91	1.25	1.27	0.88	-1.13	-0.02
Hills, Barry	-0.62	-0.13	0.91	-1.75	0.52	0.60	1.77	1.97	0.77	-0.67	-0.74	0.54	-0.83
Kobrinetz, Joaquin J.	-0.47	-0.24	-1.06	0.77	0.62	0.31	-0.53	-0.55	-0.54	-0.61	-0.74	-0.39	0.25
Lopez, Frank	-0.86	-0.59	-0.60	1.23	0.69	0.33	0.64	-0.39	-0.54	-0.85	-0.74	0.17	-0.56
Senneff, Randall R	0.16	2.90	0.51	-1.16	-1.01	0.82	0.18	-0.36	-0.61	-0.37	-0.10	-0.02	1.86
Sugita, Takashi	-0.32	-0.25	1.21	-0.36	0.96	-0.22	0.61	0.94	2.21	0.10	0.63	0.72	0.76
Zalewski, John	0.13	0.09	-1.28	0.57	0.52	0.20	-0.61	-0.93	-0.87	0.12	0.88	1.28	-0.83
MAXIMUM	2.53	2.90	-1.28	-1.75	-2.37	-2.06	1.77	1.97	2.21	2.36	2.17	-1.86	1.86
MINIMUM	0.13	0.05	0.00	0.10	0.01	0.01	0.18	-0.29	0.18	-0.06	-0.10	-0.02	-0.02
RANGE(MAX-MIN)	2.395	2.854	-1.281	-1.858	-2.383	-2.073	1.590	2.268	2.028	2.422	2.270	-1.848	1.882
MEAN	0.000	0.000	0.000	0.000	0.000	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	1.000	1.000	1.000	1.000	1.000

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Part ID= A7 - SEQUENCE III

Rated Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCTOT	THTOT	ATTOT
Castile, Kevin	8.09	59.30	2.43	85.70	68.88	6.16	0.64	0.25
Foecking, Brian	4.18	40.00	1.22	46.80	27.91	7.74	0.74	0.41
Guarda, Waldyr	3.92	41.50	1.49	48.03	33.77	12.47	0.70	0.86
Hills, Barry	4.48	40.00	1.10	60.09	28.66	6.40	0.37	0.21
Lopez, Frank	2.93	40.00	0.59	63.95	27.89	7.20	0.50	0.21
May, Marianne	5.17	40.00	0.96	52.34	26.87	7.15	0.57	0.35
Schmidt, Brian	4.22	85.00	2.11	84.81	66.86	14.30	1.65	0.45
Senneff, Randall R	4.36	40.75	1.80	62.12	34.13	5.20	0.73	0.56
Sugita, Takashi	4.00	19.81	2.19	58.85	31.43	6.08	2.37	1.75
Zalewski, John	4.70	90.25	1.65	77.36	32.37	13.95	0.56	0.34
MAXIMUM	8.09	90.25	2.43	85.70	68.88	14.30	2.37	1.75
MINIMUM	2.93	19.81	0.59	46.80	26.87	5.20	0.37	0.21
RANGE(MAX-MIN)	5.160	70.440	1.840	38.900	42.010	9.100	2.000	1.540
MEAN	4.605	49.661	1.554	64.005	37.877	8.665	0.883	0.539
STANDARD DEVIATION	1.355	22.110	0.592	14.199	16.018	3.489	0.628	0.468

Part ID= A7 - SEQUENCE III

A7 YI Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCTOT	THTOT	ATTOT
Castile, Kevin	2.57	0.44	1.48	1.53	1.94	-0.72	-0.39	-0.62
Foecking, Brian	-0.31	-0.44	-0.56	-1.21	-0.62	-0.27	-0.23	-0.28
Guarda, Waldyr	-0.51	-0.37	-0.11	-1.13	-0.26	1.09	-0.29	0.69
Hills, Barry	-0.09	-0.44	-0.77	-0.28	-0.58	-0.65	-0.82	-0.70
Lopez, Frank	-1.24	-0.44	-1.63	0.00	-0.62	-0.42	-0.61	-0.70
May, Marianne	0.42	-0.44	-1.00	-0.82	-0.69	-0.43	-0.50	-0.40
Schmidt, Brian	-0.28	1.60	0.94	1.47	1.81	1.62	1.22	-0.19
Senneff, Randall R	-0.18	-0.40	0.42	-0.13	-0.23	-0.99	-0.24	0.04
Sugita, Takashi	-0.45	-1.35	1.07	-0.36	-0.40	-0.74	2.37	2.59
Zalewski, John	0.07	1.84	0.16	0.94	-0.34	1.51	-0.51	-0.43
MAXIMUM	2.57	1.84	-1.63	1.53	1.94	1.62	2.37	2.59
MINIMUM	0.07	-0.37	-0.11	0.00	-0.23	-0.27	-0.23	0.04
RANGE(MAX-MIN)	2.502	2.205	-1.520	1.532	2.169	1.880	2.596	2.544
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

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Part ID= A8 - SEQUENCE III

Rated Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCTOT	THTOT	ATTOT
Castile, Kevin	9.06	81.25	2.10	82.51	73.87	6.30	0.24	0.23
Foecking, Brian	4.25	27.49	0.81	49.51	21.60	7.85	0.41	0.37
Guarda, Waldyr	4.95	28.90	1.06	44.02	19.96	12.29	0.75	0.61
Hills, Barry	6.09	23.20	0.74	50.02	20.29	7.80	0.19	0.19
Lopez, Frank	5.57	25.84	0.87	58.26	21.06	7.93	0.34	0.21
Schmidt, Brian	6.44	74.40	2.75	87.77	74.35	18.38	0.85	0.35
Senneff, Randall R	5.28	29.91	1.75	50.77	20.59	6.30	0.36	0.30
Sugita, Takashi	5.99	25.02	1.60	57.66	20.33	6.20	1.98	1.87
Zalewski, John	5.36	25.60	0.85	64.27	19.92	16.78	0.43	0.34
MAXIMUM	9.06	81.25	2.75	87.77	74.35	18.38	1.98	1.87
MINIMUM	4.25	23.20	0.74	44.02	19.92	6.20	0.19	0.19
RANGE(MAX-MIN)	4.810	58.050	2.010	43.750	54.430	12.180	1.790	1.680
MEAN	5.888	37.957	1.392	60.532	32.441	9.981	0.617	0.497
STANDARD DEVIATION	1.357	22.758	0.703	15.216	23.630	4.704	0.556	0.530

Part ID= A8 - SEQUENCE III

A8 YI Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCTOT	THTOT	ATTOT
Castile, Kevin	2.34	1.90	1.01	1.44	1.75	-0.78	-0.68	-0.50
Foecking, Brian	-1.21	-0.46	-0.83	-0.72	-0.46	-0.45	-0.37	-0.24
Guarda, Waldyr	-0.69	-0.40	-0.47	-1.09	-0.53	0.49	0.24	0.21
Hills, Barry	0.15	-0.65	-0.93	-0.69	-0.51	-0.46	-0.77	-0.58
Lopez, Frank	-0.23	-0.53	-0.74	-0.15	-0.48	-0.44	-0.50	-0.54
Schmidt, Brian	0.41	1.60	1.93	1.79	1.77	1.79	0.42	-0.28
Senneff, Randall R	-0.45	-0.35	0.51	-0.64	-0.50	-0.78	-0.46	-0.37
Sugita, Takashi	0.08	-0.57	0.30	-0.19	-0.51	-0.80	2.45	2.59
Zalewski, John	-0.39	-0.54	-0.77	0.25	-0.53	1.45	-0.34	-0.30
MAXIMUM	2.34	1.90	1.93	1.79	1.77	1.79	2.45	2.59
MINIMUM	0.08	-0.35	0.30	-0.15	-0.46	-0.44	0.24	0.21
RANGE(MAX-MIN)	2.263	2.256	1.635	1.939	2.232	2.222	2.212	2.378
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

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Part ID= B1 - SQUARE CUT

Rated Values

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

Rater	G1TOT	G2TOT	G3TOT	G4TOT	L2TOT	L3TOT	L4TOT	TGF
Avis, Steven	79.89	1.55	0.56	0.13	6.14	0.50	0.35	86.00
Castillo, George	75.64	1.90	1.66	0.28	4.93	1.11	0.57	82.00
Clare, Jamie	73.81	0.88	0.70	0.30	10.61	1.20	0.90	74.00
Cumberworth, Lee	78.50	1.74	0.50	0.15	6.15	0.87	0.67	79.00
Fujita, Hirokazu	81.75	1.59	1.13	0.60	6.95	1.46	0.63	81.00
Gutzwiller, Jim	80.81	1.92	0.78	0.11	5.94	0.86	0.34	82.00
Holland, Stephen	80.02	1.35	0.54	0.20	6.38	0.70	0.28	80.00
Hurst, Kevin R.	79.00	1.34	0.30	0.20	6.46	0.67	0.48	80.00
Kobrinetz, Joaquin J.	79.45	0.89	0.45	0.11	5.97	0.75	0.24	82.00
Langford, Mike	77.24	2.40	1.09	0.30	8.50	1.64	0.55	75.00
Lowsky, John	63.66	0.58	0.28	0.13	5.07	0.42	0.27	67.00
Pitta, Jimmy	77.86	1.74	0.48	0.10	6.30	0.95	0.35	75.00
Potocar, William P	73.38	1.87	0.80	0.57	12.29	1.30	0.40	78.00
Rodriguez, Jesus (Jesse)	58.50	1.45	0.63	0.20	6.22	1.24	0.94	76.00
Seiz, Ray	77.10	1.96	0.22	0.22	12.21	0.31	0.13	86.00
Trevino, Bobby	79.67	1.87	0.41	0.15	5.51	0.61	0.46	78.00
MAXIMUM	81.75	2.40	1.66	0.60	12.29	1.64	0.94	86.00
MINIMUM	58.50	0.58	0.22	0.10	4.93	0.31	0.13	67.00
RANGE(MAX-MIN)	23.250	1.820	1.440	0.500	7.360	1.330	0.810	19.000
MEAN	76.018	1.564	0.658	0.234	7.227	0.912	0.473	78.813
STANDARD DEVIATION	6.349	0.472	0.374	0.152	2.384	0.384	0.228	4.778

Part ID= B1 - SQUARE CUT

B1 YI Values

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

Rater	G1TOT	G2TOT	G3TOT	G4TOT	L2TOT	L3TOT	L4TOT	TGF
Avis, Steven	0.61	-0.03	-0.26	-0.69	-0.46	-1.07	-0.54	1.50
Castillo, George	-0.06	0.71	2.68	0.30	-0.96	0.52	0.43	0.67
Clare, Jamie	-0.35	-1.45	0.11	0.43	1.42	0.75	1.87	-1.01
Cumberworth, Lee	0.39	0.37	-0.42	-0.56	-0.45	-0.11	0.86	0.04
Fujita, Hirokazu	0.90	0.05	1.26	2.41	-0.12	1.43	0.69	0.46
Gutzwiller, Jim	0.75	0.75	0.33	-0.82	-0.54	-0.14	-0.58	0.67
Holland, Stephen	0.63	-0.45	-0.32	-0.23	-0.36	-0.55	-0.84	0.25
Hurst, Kevin R.	0.47	-0.48	-0.96	-0.23	-0.32	-0.63	0.03	0.25
Kobrinetz, Joaquin J.	0.54	-1.43	-0.56	-0.82	-0.53	-0.42	-1.02	0.67
Langford, Mike	0.19	1.77	1.15	0.43	0.53	1.90	0.34	-0.80
Lowsky, John	-1.95	-2.08	-1.01	-0.69	-0.90	-1.28	-0.89	-2.47
Pitta, Jimmy	0.29	0.37	-0.48	-0.89	-0.39	0.10	-0.54	-0.80
Potocar, William P	-0.42	0.65	0.38	2.21	2.12	1.01	-0.32	-0.17
Rodriguez, Jesus (Jesse)	-2.76	-0.24	-0.08	-0.23	-0.42	0.85	2.05	-0.59
Seiz, Ray	0.17	0.84	-1.17	-0.09	2.09	-1.57	-1.50	1.50
Trevino, Bobby	0.58	0.65	-0.66	-0.56	-0.72	-0.79	-0.05	-0.17
MAXIMUM	-2.76	-2.08	2.68	2.41	2.12	1.90	2.05	-2.47
MINIMUM	-0.06	-0.03	-0.08	-0.09	-0.12	0.10	0.03	0.04
RANGE(MAX-MIN)	-2.700	-2.054	2.754	2.503	2.240	1.797	2.013	-2.512
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

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Part ID= B2 - KEYSTONE

Rated Values

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

Rater	G1TOT	G2TOT	G3TOT	USTOT	L1TOT	L2TOT	L3TOT	UCTOT	TGF	2ndGF	TLHC	TLFC
Avis, Steven	27.50	25.00	1.53	0.29	4.31	25.20	1.95	0.93	14.00	16.00	0.00	0.00
Castillo, George	27.00	25.00	1.41	0.55	7.56	23.59	1.96	1.19	7.00	6.00	0.00	0.00
Clare, Jamie	26.00	25.00	0.83	0.22	2.11	25.37	1.38	1.06	12.00	10.00	0.00	0.00
Fujita, Hirokazu	52.50	28.00	50.00	0.63	5.89	33.48	2.78	1.75	52.50	28.00	0.00	1.00
Gutzwiller, Jim	40.95	25.80	1.87	0.28	4.65	34.21	2.20	1.69	14.00	3.00	0.00	0.00
Holland, Stephen	27.50	25.00	0.58	0.21	4.14	25.70	1.79	1.17	10.00	10.00	0.00	0.00
Kobrinetz, Joaquin J.	27.08	24.84	0.83	0.20	6.33	25.36	1.44	1.23	15.00	13.00	0.00	5.00
Langford, Mike	27.93	25.18	0.86	0.08	5.84	30.63	1.70	2.15	25.00	20.00	0.00	0.00
Lowsky, John	30.25	25.75	0.63	0.11	2.14	28.39	1.14	1.43	31.00	30.00	0.00	0.00
Pitta, Jimmy	28.75	25.00	1.20	0.35	3.43	27.51	2.33	2.40	20.00	15.00	0.00	1.00
Potocar, William P	28.00	25.00	1.40	0.18	8.48	24.15	2.07	1.95	12.00	6.00	0.00	6.00
Rodriguez, Jesus (Jesse)	25.75	25.00	1.22	0.43	7.73	28.43	1.91	1.26	9.00	10.00	0.00	0.00
Seiz, Ray	27.50	25.00	0.65	0.18	11.22	28.77	2.13	1.54	5.00	3.00	0.00	0.00
Trevino, Bobby	27.84	25.00	1.34	0.42	5.88	25.79	1.66	1.68	14.00	12.00	0.00	0.00
MAXIMUM	52.50	28.00	50.00	0.63	11.22	34.21	2.78	2.40	52.50	30.00	0.00	6.00
MINIMUM	25.75	24.84	0.58	0.08	2.11	23.59	1.14	0.93	5.00	3.00	0.00	0.00
RANGE(MAX-MIN)	26.750	3.160	49.420	0.550	9.110	10.620	1.640	1.470	47.500	27.000	0.000	6.000
MEAN	30.325	25.326	4.596	0.295	5.694	27.613	1.889	1.531	17.179	13.000	0.000	0.929
STANDARD DEVIATION	7.388	0.821	13.074	0.162	2.518	3.290	0.421	0.431	12.300	8.330	0.000	1.979

Part ID= B2 - KEYSTONE

B2 Y1 Values

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

Rater	G1TOT	G2TOT	G3TOT	USTOT	L1TOT	L2TOT	L3TOT	UCTOT	TGF	2ndGF	TLHC	TLFC
Avis, Steven	-0.38	-0.40	-0.23	-0.03	-0.55	-0.73	0.15	-1.39	-0.26	0.36	0.00	-0.47
Castillo, George	-0.45	-0.40	-0.24	1.57	0.74	-1.22	0.17	-0.79	-0.83	-0.84	0.00	-0.47
Clare, Jamie	-0.59	-0.40	-0.29	-0.46	-1.42	-0.68	-1.21	-1.09	-0.42	-0.36	0.00	-0.47
Fujita, Hirokazu	3.00	3.26	3.47	2.06	0.08	1.78	2.12	0.51	2.87	1.80	0.00	0.04
Gutzwiller, Jim	1.44	0.58	-0.21	-0.09	-0.41	2.00	0.74	0.37	-0.26	-1.20	0.00	-0.47
Holland, Stephen	-0.38	-0.40	-0.31	-0.52	-0.62	-0.58	-0.23	-0.84	-0.58	-0.36	0.00	-0.47
Kobrinetz, Joaquin J.	-0.44	-0.59	-0.29	-0.58	0.25	-0.68	-1.07	-0.70	-0.18	0.00	0.00	2.06
Langford, Mike	-0.32	-0.18	-0.29	-1.32	0.06	0.92	-0.45	1.44	0.64	0.84	0.00	-0.47
Lowsky, John	-0.01	0.52	-0.30	-1.14	-1.41	0.24	-1.78	-0.23	1.12	2.04	0.00	-0.47
Pitta, Jimmy	-0.21	-0.40	-0.26	0.34	-0.90	-0.03	1.05	2.02	0.23	0.24	0.00	0.04
Potocar, William P	-0.31	-0.40	-0.24	-0.71	1.11	-1.05	0.43	0.97	-0.42	-0.84	0.00	2.56
Rodriguez, Jesus (Jesse)	-0.62	-0.40	-0.26	0.83	0.81	0.25	0.05	-0.63	-0.66	-0.36	0.00	-0.47
Seiz, Ray	-0.38	-0.40	-0.30	-0.71	2.19	0.35	0.57	0.02	-0.99	-1.20	0.00	-0.47
Trevino, Bobby	-0.34	-0.40	-0.25	0.77	0.07	-0.55	-0.54	0.35	-0.26	-0.12	0.00	-0.47
MAXIMUM	3.00	3.26	3.47	2.06	2.19	2.00	2.12	2.02	2.87	2.04	0.00	2.56
MINIMUM	-0.01	-0.18	-0.21	-0.03	0.06	-0.03	0.05	0.02	-0.18	0.00	0.00	0.04
RANGE(MAX-MIN)	3.012	3.434	3.681	2.093	2.136	2.036	2.066	1.996	3.049	2.041	0.000	2.526
MEAN	0.000	0.000	0.000	0.000	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	1.000	1.000	0.000	1.000

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Part ID= B3 - C13-STYLE

Rated Values

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

Rater	G1TOT	G2TOT	G3TOT	UCTOT	L1TOT	L2TOT	L3TOT	L4TOT	
Avis, Steven	54.25	10.78	2.48	1.50	6.59	36.21	2.47	1.55	
Castillo, George	40.18	10.64	2.96	7.50	9.02	25.93	3.84	2.25	
Clare, Jamie	49.76	8.67	0.72	4.66	3.42	30.71	0.80	0.83	
Fujita, Hirokazu	62.25	34.90	16.72	7.20	10.87	57.13	4.91	2.72	
Gutzwiller, Jim	64.09	11.44	2.26	4.00	9.14	40.06	2.96	1.97	
Holland, Stephen	50.26	11.20	1.60	4.51	4.37	30.95	1.26	1.41	
Kobrinetz, Joaquin J.	49.54	11.74	2.27	7.00	9.80	34.55	2.49	1.95	
Langford, Mike	49.05	10.47	1.96	5.40	22.49	37.81	3.45	2.04	
Lowsky, John	50.76	7.79	1.95	1.50	25.00	26.78	1.81	1.55	
Pitta, Jimmy	56.04	13.26	1.71	0.85	7.83	50.69	3.29	1.95	
Potocar, William P	55.89	11.96	3.30	4.50	8.05	28.81	3.82	1.20	
Rodriguez, Jesus (Jesse)	53.00	14.44	2.10	7.50	9.24	25.46	5.57	3.04	
Seiz, Ray	40.51	10.22	2.55	3.82	11.73	33.72	3.86	2.27	
MAXIMUM	64.09	34.90	16.72	7.50	25.00	57.13	5.57	3.04	
MINIMUM	40.18	7.79	0.72	0.85	3.42	25.46	0.80	0.83	
RANGE(MAX-MIN)	23.910	27.110	16.000	6.650	21.580	31.670	4.770	2.210	
MEAN	51.968	12.885	3.275	4.611	10.581	35.293	3.118	1.902	
STANDARD DEVIATION	6.981	6.834	4.090	2.314	6.310	9.511	1.363	0.604	

Part ID= B3 - C13-STYLE

B3 YI Values

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

Rater	G1TOT	G2TOT	G3TOT	UCTOT	L1TOT	L2TOT	L3TOT	L4TOT	
Avis, Steven	0.33	-0.31	-0.19	-1.34	-0.63	0.10	-0.48	-0.58	
Castillo, George	-1.69	-0.33	-0.08	1.25	-0.25	-0.98	0.53	0.58	
Clare, Jamie	-0.32	-0.62	-0.62	0.02	-1.13	-0.48	-1.70	-1.77	
Fujita, Hirokazu	1.47	3.22	3.29	1.12	0.05	2.30	1.31	1.35	
Gutzwiller, Jim	1.74	-0.21	-0.25	-0.26	-0.23	0.50	-0.12	0.11	
Holland, Stephen	-0.24	-0.25	-0.41	-0.04	-0.98	-0.46	-1.36	-0.81	
Kobrinetz, Joaquin J.	-0.35	-0.17	-0.25	1.03	-0.12	-0.08	-0.46	0.08	
Langford, Mike	-0.42	-0.35	-0.32	0.34	1.89	0.26	0.24	0.23	
Lowsky, John	-0.17	-0.75	-0.32	-1.34	2.29	-0.90	-0.96	-0.58	
Pitta, Jimmy	0.58	0.05	-0.38	-1.63	-0.44	1.62	0.13	0.08	
Potocar, William P	0.56	-0.14	0.01	-0.05	-0.40	-0.68	0.52	-1.16	
Rodriguez, Jesus (Jesse)	0.15	0.23	-0.29	1.25	-0.21	-1.03	1.80	1.88	
Seiz, Ray	-1.64	-0.39	-0.18	-0.34	0.18	-0.17	0.54	0.61	
MAXIMUM	1.74	3.22	3.29	-1.63	2.29	2.30	1.80	1.88	
MINIMUM	0.15	0.05	0.01	0.02	0.05	-0.08	-0.12	0.08	
RANGE(MAX-MIN)	1.589	3.167	3.281	-1.647	2.239	2.374	1.915	1.804	
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	

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Part ID= B4 - SQUARE CUT

Rated Values

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

Rater	G1TOT	G2TOT	G3TOT	G4TOT	L2TOT	L3TOT	L4TOT	TGF
Avis, Steven	62.00	13.01	0.20	0.10	34.74	0.16	0.48	67.00
Castillo, George	51.77	11.89	0.02	0.02	19.48	0.39	0.62	50.00
Clare, Jamie	51.25	21.07	0.40	0.18	22.47	0.53	0.71	46.00
Fujita, Hirokazu	67.25	21.73	0.50	0.20	20.42	0.44	1.29	67.25
Gutzwiller, Jim	64.58	9.11	0.10	0.11	17.68	0.90	1.54	52.00
Holland, Stephen	57.00	9.63	0.20	0.11	19.23	0.73	0.84	50.00
Hurst, Kevin R.	63.50	10.66	0.20	0.28	48.85	0.70	0.87	60.00
Kobrinetz, Joaquin J.	52.52	10.04	0.01	0.08	19.10	0.25	0.40	52.00
Langford, Mike	62.96	10.19	0.20	0.14	18.05	0.41	0.51	65.00
Lowsky, John	56.27	9.00	0.10	0.17	19.15	0.29	0.41	54.00
Pitta, Jimmy	58.29	13.85	0.20	0.20	29.60	0.75	0.96	48.00
Potocar, William P	61.75	10.42	0.30	0.20	41.06	0.74	1.00	54.00
Rodriguez, Jesus (Jesse)	61.50	10.49	0.20	0.20	18.57	0.50	0.91	47.00
Seiz, Ray	61.75	11.29	0.20	0.20	18.16	0.44	0.77	42.00
Trevino, Bobby	56.62	9.06	0.22	0.18	29.00	0.40	0.49	53.00
MAXIMUM	67.25	21.73	0.50	0.28	48.85	0.90	1.54	67.25
MINIMUM	51.25	9.00	0.01	0.02	17.68	0.16	0.40	42.00
RANGE(MAX-MIN)	16.000	12.730	0.490	0.260	31.170	0.740	1.140	25.250
MEAN	59.267	12.096	0.203	0.158	25.037	0.509	0.787	53.817
STANDARD DEVIATION	4.902	4.027	0.128	0.064	9.669	0.213	0.328	7.723

Part ID= B4 - SQUARE CUT

B4 YI Values

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

Rater	G1TOT	G2TOT	G3TOT	G4TOT	L2TOT	L3TOT	L4TOT	TGF
Avis, Steven	0.56	0.23	-0.03	-0.90	1.00	-1.64	-0.94	1.71
Castillo, George	-1.53	-0.05	-1.43	-2.14	-0.57	-0.56	-0.51	-0.49
Clare, Jamie	-1.64	2.23	1.54	0.34	-0.27	0.10	-0.23	-1.01
Fujita, Hirokazu	1.63	2.39	2.32	0.65	-0.48	-0.32	1.54	1.74
Gutzwiller, Jim	1.08	-0.74	-0.81	-0.74	-0.76	1.84	2.30	-0.24
Holland, Stephen	-0.46	-0.61	-0.03	-0.74	-0.60	1.04	0.16	-0.49
Hurst, Kevin R.	0.86	-0.36	-0.03	1.89	2.46	0.90	0.25	0.80
Kobrinetz, Joaquin J.	-1.38	-0.51	-1.51	-1.21	-0.61	-1.22	-1.18	-0.24
Langford, Mike	0.75	-0.47	-0.03	-0.28	-0.72	-0.46	-0.84	1.45
Lowsky, John	-0.61	-0.77	-0.81	0.19	-0.61	-1.03	-1.15	0.02
Pitta, Jimmy	-0.20	0.44	-0.03	0.65	0.47	1.14	0.53	-0.75
Potocar, William P	0.51	-0.42	0.76	0.65	1.66	1.09	0.65	0.02
Rodriguez, Jesus (Jesse)	0.46	-0.40	-0.03	0.65	-0.67	-0.04	0.38	-0.88
Seiz, Ray	0.51	-0.20	-0.03	0.65	-0.71	-0.32	-0.05	-1.53
Trevino, Bobby	-0.54	-0.75	0.13	0.34	0.41	-0.51	-0.90	-0.11
MAXIMUM	-1.64	2.39	2.32	-2.14	2.46	1.84	2.30	1.74
MINIMUM	-0.20	-0.05	-0.03	0.19	-0.27	-0.04	-0.05	0.02
RANGE(MAX-MIN)	-1.436	2.443	2.347	-2.326	2.728	1.882	2.348	1.716
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

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Part ID= B5 - SEQUENCE III

Rated Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCTOT	THTOT	ATTOT
Avis, Steven	11.80	34.75	0.73	83.50	17.09	3.20	0.70	0.00
Castillo, George	11.57	29.29	1.03	47.50	17.77	3.72	0.72	0.00
Clare, Jamie	8.14	34.29	1.09	63.25	13.76	3.01	0.37	0.00
Fujita, Hirokazu	15.96	25.00	2.39	79.75	20.91	3.70	1.40	0.50
Gutzwiller, Jim	10.11	41.30	1.15	83.89	12.78	2.86	1.18	0.30
Holland, Stephen	17.71	36.25	0.77	67.00	18.04	2.75	0.37	0.00
Hurst, Kevin R.	10.31	40.00	0.71	63.27	18.10	3.65	0.34	0.10
Langford, Mike	11.14	29.83	0.87	76.81	16.95	4.40	0.33	0.00
Lowsky, John	14.01	24.78	0.80	55.75	17.16	3.20	0.61	0.00
Pitta, Jimmy	14.85	39.80	1.02	69.52	14.94	0.97	3.75	0.20
Potocar, William P	15.27	31.00	0.90	75.01	18.57	3.53	0.78	0.10
Rodriguez, Jesus (Jesse)	14.72	28.75	1.11	54.25	21.81	3.11	0.75	0.10
Seiz, Ray	17.09	83.50	1.20	71.77	17.90	5.98	1.11	0.20
Trevino, Bobby	13.25	29.80	0.58	65.27	18.55	3.46	0.36	0.05
MAXIMUM	17.71	83.50	2.39	83.89	21.81	5.98	3.75	0.50
MINIMUM	8.14	24.78	0.58	47.50	12.78	0.97	0.33	0.00
RANGE(MAX-MIN)	9.570	58.720	1.810	36.390	9.030	5.010	3.420	0.500
MEAN	13.281	36.310	1.025	68.324	17.452	3.396	0.912	0.111
STANDARD DEVIATION	2.847	14.581	0.435	11.043	2.429	1.069	0.885	0.147

Part ID= B5 - SEQUENCE III

B5 Y1 Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCTOT	THTOT	ATTOT
Avis, Steven	-0.52	-0.11	-0.68	1.37	-0.15	-0.18	-0.24	-0.75
Castillo, George	-0.60	-0.48	0.01	-1.89	0.13	0.30	-0.22	-0.75
Clare, Jamie	-1.81	-0.14	0.15	-0.46	-1.52	-0.36	-0.61	-0.75
Fujita, Hirokazu	0.94	-0.78	3.14	1.03	1.42	0.28	0.55	2.65
Gutzwiller, Jim	-1.11	0.34	0.29	1.41	-1.92	-0.50	0.30	1.29
Holland, Stephen	1.56	0.00	-0.59	-0.12	0.24	-0.60	-0.61	-0.75
Hurst, Kevin R.	-1.04	0.25	-0.72	-0.46	0.27	0.24	-0.65	-0.07
Langford, Mike	-0.75	-0.44	-0.36	0.77	-0.21	0.94	-0.66	-0.75
Lowsky, John	0.26	-0.79	-0.52	-1.14	-0.12	-0.18	-0.34	-0.75
Pitta, Jimmy	0.55	0.24	-0.01	0.11	-1.03	-2.27	3.21	0.61
Potocar, William P	0.70	-0.36	-0.29	0.61	0.46	0.13	-0.15	-0.07
Rodriguez, Jesus (Jesse)	0.51	-0.52	0.20	-1.27	1.79	-0.27	-0.18	-0.07
Seiz, Ray	1.34	3.24	0.40	0.31	0.18	2.42	0.22	0.61
Trevino, Bobby	-0.01	-0.45	-1.02	-0.28	0.45	0.06	-0.62	-0.41
MAXIMUM	-1.81	3.24	3.14	-1.89	-1.92	2.42	3.21	2.65
MINIMUM	-0.01	0.00	0.01	0.11	-0.12	0.06	-0.15	-0.07
RANGE(MAX-MIN)	-1.795	3.240	3.126	-1.994	-1.803	2.357	3.357	2.721
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

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Part ID= B6 - ARTICULATED 2-PIECE

Rated Values

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

Rater	G1TOT	G2TOT	G3TOT	UCTOT	OCTOT	L1TOT	L2TOT	L3TOT	L4TOT	TGF	2ndGF	TLHC	TLFC
Avis, Steven	6.91	3.61	1.70	6.60	6.90	6.47	6.07	3.00	0.31	2.00	0.00	0.00	0.00
Castillo, George	6.90	4.51	2.45	6.60	6.90	10.49	6.04	2.87	0.53	1.00	0.00	0.00	0.00
Clare, Jamie	2.51	0.48	0.56	4.80	4.80	3.90	3.08	1.18	0.43	2.00	0.00	0.00	0.00
Fujita, Hirokazu	9.32	4.91	2.55	6.45	23.83	11.45	8.75	0.10	0.10	4.25	0.50	0.00	0.00
Gutzwiller, Jim	9.08	4.96	3.03	5.63	18.13	8.54	6.77	4.49	1.43	1.00	0.00	0.00	0.00
Holland, Stephen	4.47	2.33	1.95	4.96	4.96	5.78	4.81	2.11	0.91	1.00	0.00	0.00	0.00
Langford, Mike	8.15	5.96	3.44	5.10	6.38	22.69	7.72	3.14	1.35	6.00	1.00	0.00	0.00
Lowsky, John	5.93	2.32	1.51	20.30	22.65	23.24	4.08	1.62	0.37	4.00	0.00	0.00	0.00
Pitta, Jimmy	7.89	4.95	2.78	6.61	7.03	8.67	7.00	2.77	0.65	1.00	1.00	0.00	0.00
Potocar, William P	7.68	7.88	2.40	6.90	7.06	11.05	7.93	2.52	0.90	2.00	2.00	0.00	0.00
Rodriguez, Jesus (Jesse)	7.38	7.07	2.13	7.06	6.91	11.05	7.44	3.52	0.80	1.00	0.00	0.00	0.00
Seiz, Ray	10.33	10.35	2.89	6.30	6.63	10.78	8.44	2.74	0.59	2.00	0.00	0.00	0.00
Trevino, Bobby	6.04	3.60	2.34	6.61	6.60	10.68	3.22	3.26	1.10	1.00	0.00	0.00	0.00
MAXIMUM	10.33	10.35	3.44	20.30	23.83	23.24	8.75	4.49	1.43	6.00	2.00	0.00	0.00
MINIMUM	2.51	0.48	0.56	4.80	4.80	3.90	3.08	0.10	0.10	1.00	0.00	0.00	0.00
RANGE(MAX-MIN)	7.820	9.870	2.880	15.500	19.030	19.340	5.670	4.390	1.330	5.000	2.000	0.000	0.000
MEAN	7.122	4.841	2.287	7.225	9.906	11.138	6.258	2.563	0.728	2.173	0.346	0.000	0.000
STANDARD DEVIATION	2.081	2.593	0.745	4.002	6.782	5.748	1.923	1.114	0.402	1.599	0.625	0.000	0.000

Part ID= B6 - ARTICULATED 2-PIECE

B6 YI Values

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

Rater	G1TOT	G2TOT	G3TOT	UCTOT	OCTOT	L1TOT	L2TOT	L3TOT	L4TOT	TGF	2ndGF	TLHC	TLFC
Avis, Steven	-0.10	-0.47	-0.79	-0.16	-0.44	-0.81	-0.10	0.39	-1.04	-0.11	-0.55	0.00	0.00
Castillo, George	-0.11	-0.13	0.22	-0.16	-0.44	-0.11	-0.11	0.28	-0.49	-0.73	-0.55	0.00	0.00
Clare, Jamie	-2.22	-1.68	-2.32	-0.61	-0.75	-1.26	-1.65	-1.24	-0.74	-0.11	-0.55	0.00	0.00
Fujita, Hirokazu	1.06	0.03	0.35	-0.19	2.05	0.05	1.30	-2.21	-1.56	1.30	0.25	0.00	0.00
Gutzwiller, Jim	0.94	0.05	1.00	-0.40	1.21	-0.45	0.27	1.73	1.75	-0.73	-0.55	0.00	0.00
Holland, Stephen	-1.27	-0.97	-0.45	-0.57	-0.73	-0.93	-0.75	-0.41	0.45	-0.73	-0.55	0.00	0.00
Langford, Mike	0.49	0.43	1.55	-0.53	-0.52	2.01	0.76	0.52	1.55	2.39	1.05	0.00	0.00
Lowsky, John	-0.57	-0.97	-1.04	3.27	1.88	2.11	-1.13	-0.85	-0.89	1.14	-0.55	0.00	0.00
Pitta, Jimmy	0.37	0.04	0.66	-0.15	-0.42	-0.43	0.39	0.19	-0.20	-0.73	1.05	0.00	0.00
Potocar, William P	0.27	1.17	0.15	-0.08	-0.42	-0.02	0.87	-0.04	0.43	-0.11	2.64	0.00	0.00
Rodriguez, Jesus (Jesse)	0.12	0.86	-0.21	-0.04	-0.44	-0.02	0.61	0.86	0.18	-0.73	-0.55	0.00	0.00
Seiz, Ray	1.54	2.12	0.81	-0.23	-0.48	-0.06	1.14	0.16	-0.34	-0.11	-0.55	0.00	0.00
Trevino, Bobby	-0.52	-0.48	0.07	-0.15	-0.49	-0.08	-1.58	0.63	0.92	-0.73	-0.55	0.00	0.00
MAXIMUM	-2.22	2.12	-2.32	3.27	2.05	2.11	-1.65	-2.21	1.75	2.39	2.64	0.00	0.00
MINIMUM	-0.10	0.03	0.07	-0.04	-0.42	-0.02	-0.10	-0.04	0.18	-0.11	0.25	0.00	0.00
RANGE(MAX-MIN)	-2.114	2.098	-2.388	3.309	2.473	2.121	-1.555	-2.173	1.568	2.502	2.399	0.000	0.000
MEAN	0.000	0.000	0.000	0.000	0.000	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	1.000	1.000	1.000	0.000	0.000

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Part ID= B7 - SEQUENCE III

Rated Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCTOT	THIOT	ATTOT	
Avis, Steven	11.86	25.00	0.50	27.25	23.16	1.60	0.10	0.06	
Castillo, George	12.74	25.00	0.96	25.25	22.44	2.14	0.07	0.11	
Clare, Jamie	8.41	25.00	0.82	26.53	23.57	1.31	0.30	0.32	
Fujita, Hirokazu	15.48	25.00	1.50	32.62	22.63	2.65	0.53	0.53	
Holland, Stephen	9.66	40.00	0.75	29.75	23.00	1.20	0.20	0.22	
Langford, Mike	14.26	50.50	0.75	32.59	23.60	2.43	0.20	0.33	
Lowsky, John	10.42	25.00	0.50	26.50	21.63	1.33	0.01	0.11	
Pitta, Jimmy	12.55	25.00	0.97	26.80	22.39	1.97	0.20	0.20	
Potocar, William P	15.04	25.00	1.09	24.76	20.89	1.73	0.12	0.08	
Rodriguez, Jesus (Jesse)	12.79	25.00	1.05	27.25	22.04	2.01	0.20	0.30	
Seiz, Ray	12.04	37.00	0.77	27.50	22.05	3.25	0.15	0.20	
Trevino, Bobby	11.81	25.00	0.80	27.01	22.71	2.40	0.13	0.11	
MAXIMUM	15.48	50.50	1.50	32.62	23.60	3.25	0.53	0.53	
MINIMUM	8.41	25.00	0.50	24.76	20.89	1.20	0.01	0.06	
RANGE(MAX-MIN)	7.070	25.500	1.000	7.860	2.710	2.050	0.520	0.470	
MEAN	12.255	29.375	0.872	27.818	22.509	2.002	0.184	0.214	
STANDARD DEVIATION	2.090	8.472	0.272	2.547	0.791	0.614	0.132	0.137	

Part ID= B7 - SEQUENCE III

B7 YI Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCTOT	THIOT	ATTOT	
Avis, Steven	-0.19	-0.52	-1.36	-0.22	0.82	-0.65	-0.64	-1.13	
Castillo, George	0.23	-0.52	0.32	-1.01	-0.09	0.23	-0.86	-0.76	
Clare, Jamie	-1.84	-0.52	-0.19	-0.51	1.34	-1.13	0.88	0.77	
Fujita, Hirokazu	1.54	-0.52	2.31	1.89	0.15	1.06	2.61	2.31	
Holland, Stephen	-1.24	1.25	-0.45	0.76	0.62	-1.31	0.12	0.04	
Langford, Mike	0.96	2.49	-0.45	1.87	1.38	0.70	0.12	0.85	
Lowsky, John	-0.88	-0.52	-1.36	-0.52	-1.11	-1.09	-1.32	-0.76	
Pitta, Jimmy	0.14	-0.52	0.36	-0.40	-0.15	-0.05	0.12	-0.10	
Potocar, William P	1.33	-0.52	0.80	-1.20	-2.05	-0.44	-0.48	-0.98	
Rodriguez, Jesus (Jesse)	0.26	-0.52	0.65	-0.22	-0.59	0.01	0.12	0.63	
Seiz, Ray	-0.10	0.90	-0.37	-0.12	-0.58	2.03	-0.26	-0.10	
Trevino, Bobby	-0.21	-0.52	-0.26	-0.32	0.25	0.65	-0.41	-0.76	
MAXIMUM	-1.84	2.49	2.31	1.89	-2.05	2.03	2.61	2.31	
MINIMUM	-0.10	-0.52	-0.19	-0.12	-0.09	0.01	0.12	0.04	
RANGE(MAX-MIN)	-1.737	3.010	2.497	2.011	-1.960	2.019	2.493	2.263	
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	

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Part ID= B8 - SEQUENCE III

Rated Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCTOT	THTOT	ATTOT
Avis, Steven	8.30	22.14	0.92	43.20	20.98	5.18	0.64	0.36
Castillo, George	7.26	21.14	0.94	27.83	21.33	4.96	0.61	0.23
Clare, Jamie	5.45	19.88	1.40	37.29	25.78	2.65	0.27	0.39
Fujita, Hirokazu	10.16	22.67	1.50	58.24	24.91	4.90	0.88	0.29
Holland, Stephen	6.45	20.94	0.95	35.30	21.12	3.40	0.29	0.36
Langford, Mike	6.84	39.49	0.83	41.72	25.20	4.97	0.55	0.37
Lowsky, John	5.92	20.95	0.58	35.59	21.22	3.33	0.40	0.34
Pitta, Jimmy	6.87	22.16	1.26	46.36	21.64	4.45	0.70	0.30
Potocar, William P	7.09	20.55	0.88	38.17	20.77	4.78	0.59	0.33
Rodriguez, Jesus (Jesse)	7.09	21.91	0.89	35.55	21.68	4.94	0.50	0.25
Seiz, Ray	4.46	29.85	0.92	37.31	20.57	7.24	1.01	0.39
Trevino, Bobby	7.15	22.53	0.97	41.70	21.42	4.58	0.36	0.18
MAXIMUM	10.16	39.49	1.50	58.24	25.78	7.24	1.01	0.39
MINIMUM	4.46	19.88	0.58	27.83	20.57	2.65	0.27	0.18
RANGE(MAX-MIN)	5.700	19.610	0.920	30.410	5.210	4.590	0.740	0.210
MEAN	6.920	23.684	1.003	39.855	22.218	4.615	0.567	0.316
STANDARD DEVIATION	1.416	5.591	0.257	7.486	1.893	1.155	0.226	0.067

Part ID= B8 - SEQUENCE III

B8 YI Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCTOT	THTOT	ATTOT
Avis, Steven	0.97	-0.28	-0.32	0.45	-0.65	0.49	0.33	0.66
Castillo, George	0.24	-0.46	-0.25	-1.61	-0.47	0.30	0.19	-1.28
Clare, Jamie	-1.04	-0.68	1.54	-0.34	1.88	-1.70	-1.31	1.10
Fujita, Hirokazu	2.29	-0.18	1.93	2.46	1.42	0.25	1.39	-0.38
Holland, Stephen	-0.33	-0.49	-0.21	-0.61	-0.58	-1.05	-1.23	0.66
Langford, Mike	-0.06	2.83	-0.67	0.25	1.58	0.31	-0.07	0.81
Lowsky, John	-0.71	-0.49	-1.64	-0.57	-0.53	-1.11	-0.74	0.36
Pitta, Jimmy	-0.04	-0.27	1.00	0.87	-0.31	-0.14	0.59	-0.24
Potocar, William P	0.12	-0.56	-0.48	-0.23	-0.77	0.14	0.10	0.21
Rodriguez, Jesus (Jesse)	0.12	-0.32	-0.44	-0.58	-0.28	0.28	-0.30	-0.98
Seiz, Ray	-1.74	1.10	-0.32	-0.34	-0.87	2.27	1.96	1.10
Trevino, Bobby	0.16	-0.21	-0.13	0.25	-0.42	-0.03	-0.92	-2.02
MAXIMUM	2.29	2.83	1.93	2.46	1.88	2.27	1.96	-2.02
MINIMUM	-0.04	-0.18	-0.13	-0.23	-0.28	-0.03	-0.07	0.21
RANGE(MAX-MIN)	2.323	3.009	2.059	2.681	2.166	2.302	2.039	-2.232
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

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Part ID= C1 - SQUARE CUT

Rated Values

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

Rater	G1TOT	G2TOT	G3TOT	G4TOT	I2TOT	I3TOT	I4TOT	TGF
Avis, Steven	9.80	3.16	0.30	0.00	11.35	0.73	0.37	3.00
Barrera, Tony	10.37	3.15	0.51	0.26	9.53	1.35	0.49	5.00
Chao, Kenneth	6.17	1.77	1.05	0.00	4.45	1.50	1.25	1.00
Clapperty, Leon	8.82	1.96	0.39	0.22	8.14	0.50	0.34	2.00
Cumberworth, Lee	9.50	3.42	0.33	0.00	10.90	0.76	0.31	3.00
Greenland, Paul	10.38	3.98	0.60	0.20	7.68	1.28	0.73	2.00
Hill, Howard P.	7.25	2.10	0.29	0.00	8.48	1.40	1.08	1.00
Hurst, Kevin R.	11.01	4.06	0.40	0.20	12.22	1.09	0.77	8.00
Kobrinetz, Joaquin J.	10.45	2.09	0.30	0.08	9.27	0.60	0.32	2.00
Lonsway, Chris	9.96	3.78	0.30	0.05	8.31	1.50	0.25	4.00
May, Marianne	13.52	2.83	0.30	0.02	9.82	0.72	0.37	3.00
Ransford, Ronald	8.86	6.37	1.00	0.00	10.79	1.75	0.50	5.00
Sanchez, Arthur	7.28	4.49	0.30	0.10	11.32	0.49	0.12	2.00
Stremlow, Mike	7.09	2.73	0.50	0.20	8.98	1.02	0.36	3.00
Viera, Ralph B.	10.07	3.86	0.97	0.19	9.24	0.80	0.72	4.00
MAXIMUM	13.52	6.37	1.05	0.26	12.22	1.75	1.25	8.00
MINIMUM	6.17	1.77	0.29	0.00	4.45	0.49	0.12	1.00
RANGE(MAX-MIN)	7.350	4.600	0.760	0.260	7.770	1.260	1.130	7.000
MEAN	9.369	3.317	0.503	0.101	9.365	1.033	0.532	3.200
STANDARD DEVIATION	1.871	1.197	0.278	0.099	1.911	0.408	0.318	1.821

Part ID= C1 - SQUARE CUT

C1 Yi Values

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

Rater	G1TOT	G2TOT	G3TOT	G4TOT	I2TOT	I3TOT	I4TOT	TGF
Avis, Steven	0.23	-0.13	-0.73	-1.02	1.04	-0.74	-0.51	-0.11
Barrera, Tony	0.54	-0.14	0.03	1.60	0.09	0.78	-0.13	0.99
Chao, Kenneth	-1.71	-1.29	1.97	-1.02	-2.57	1.14	2.26	-1.21
Clapperty, Leon	-0.29	-1.13	-0.41	1.20	-0.64	-1.30	-0.60	-0.66
Cumberworth, Lee	0.07	0.09	-0.62	-1.02	0.80	-0.67	-0.70	-0.11
Greenland, Paul	0.54	0.55	0.35	1.00	-0.88	0.61	0.62	-0.66
Hill, Howard P.	-1.13	-1.02	-0.77	-1.02	-0.46	0.90	1.73	-1.21
Hurst, Kevin R.	0.88	0.62	-0.37	1.00	1.49	0.14	0.75	2.64
Kobrinetz, Joaquin J.	0.58	-1.02	-0.73	-0.22	-0.05	-1.06	-0.67	-0.66
Lonsway, Chris	0.32	0.39	-0.73	-0.52	-0.55	1.14	-0.89	0.44
May, Marianne	2.22	-0.41	-0.73	-0.82	0.24	-0.77	-0.51	-0.11
Ransford, Ronald	-0.27	2.55	1.79	-1.02	0.75	1.76	-0.10	0.99
Sanchez, Arthur	-1.12	0.98	-0.73	-0.01	1.02	-1.33	-1.30	-0.66
Stremlow, Mike	-1.22	-0.49	-0.01	1.00	-0.20	-0.03	-0.54	-0.11
Viera, Ralph B.	0.37	0.45	1.68	0.90	-0.07	-0.57	0.59	0.44
MAXIMUM	2.22	2.55	1.97	1.60	-2.57	1.76	2.26	2.64
MINIMUM	0.07	0.09	-0.01	-0.01	-0.05	-0.03	-0.10	-0.11
RANGE(MAX-MIN)	2.149	2.464	1.982	1.615	-2.523	1.788	2.362	2.747
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

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Part ID= C2 - KEYSTONE

Rated Values

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

Rater	G1TOT	G2TOT	G3TOT	USTOT	L1TOT	L2TOT	L3TOT	UCTOT	TGF	2ndGF	TLHC	TLEC
Barrera, Tony	26.25	33.25	0.56	0.10	8.39	46.15	0.58	1.57	20.00	44.00	1.00	1.00
Chao, Kenneth	20.10	27.15	0.40	0.20	6.69	93.52	0.30	1.70	15.00	15.00	4.00	1.00
Cumberworth, Lee	25.75	33.25	0.45	0.10	19.20	38.43	0.21	1.41	10.00	40.00	2.00	3.00
Greenland, Paul	38.75	34.00	0.40	0.16	8.55	51.04	0.53	1.48	35.00	53.00	3.00	0.00
Hill, Howard P.	28.20	33.25	1.32	0.09	24.33	51.60	1.23	1.50	27.00	49.00	3.00	0.00
Hurst, Kevin R.	31.00	39.25	0.84	0.32	19.75	43.75	1.00	1.06	24.00	31.00	1.00	1.00
Kobrinetz, Joaquin J.	26.00	34.75	0.26	0.09	9.29	39.09	0.37	0.77	14.00	32.00	2.00	3.00
Lonsway, Chris	25.00	28.75	0.40	0.20	7.30	39.08	0.30	1.07	17.00	25.00	1.00	0.00
May, Marianne	25.00	30.25	0.34	0.09	7.16	40.62	0.37	1.03	9.00	32.00	2.00	2.00
Ransford, Ronald	35.75	32.50	0.00	0.05	8.01	43.31	0.38	0.80	30.00	25.00	3.00	0.00
Sanchez, Arthur	32.50	31.00	0.10	0.17	20.39	47.85	0.25	1.25	34.00	45.00	2.00	0.00
Stremlow, Mike	35.50	23.24	0.48	0.00	7.96	49.49	0.81	1.30	30.00	36.00	2.00	0.00
Viera, Ralph B.	29.75	31.00	0.65	0.16	11.01	43.37	0.24	1.31	22.00	38.00	2.00	2.00
MAXIMUM	38.75	39.25	1.32	0.32	24.33	93.52	1.23	1.70	35.00	53.00	4.00	3.00
MINIMUM	20.10	23.24	0.00	0.00	6.69	38.43	0.21	0.77	9.00	15.00	1.00	0.00
RANGE(MAX-MIN)	18.650	16.010	1.320	0.320	17.640	55.090	1.020	0.930	26.000	38.000	3.000	3.000
MEAN	29.196	31.665	0.477	0.133	12.156	48.254	0.505	1.250	22.077	35.769	2.154	1.000
STANDARD DEVIATION	5.309	3.910	0.333	0.081	6.280	14.334	0.320	0.289	8.779	10.655	0.899	1.155

Part ID= C2 - KEYSTONE

C2 YI Values

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

Rater	G1TOT	G2TOT	G3TOT	USTOT	L1TOT	L2TOT	L3TOT	UCTOT	TGF	2ndGF	TLHC	TLEC
Barrera, Tony	-0.56	0.41	0.25	-0.41	-0.60	-0.15	0.23	1.11	-0.24	0.77	-1.28	0.00
Chao, Kenneth	-1.71	-1.15	-0.23	0.82	-0.87	3.16	-0.64	1.56	-0.81	-1.95	2.05	0.00
Cumberworth, Lee	-0.65	0.41	-0.08	-0.41	1.12	-0.69	-0.92	0.55	-1.38	0.40	-0.17	1.73
Greenland, Paul	1.80	0.60	-0.23	0.33	-0.57	0.19	0.08	0.80	1.47	1.62	0.94	-0.87
Hill, Howard P.	-0.19	0.41	2.53	-0.53	1.94	0.23	2.26	0.87	0.56	1.24	0.94	-0.87
Hurst, Kevin R.	0.34	1.94	1.09	2.30	1.21	-0.31	1.55	-0.66	0.22	-0.45	-1.28	0.00
Kobrinetz, Joaquin J.	-0.60	0.79	-0.65	-0.53	-0.46	-0.64	-0.42	-1.66	-0.92	-0.35	-0.17	1.73
Lonsway, Chris	-0.79	-0.75	-0.23	0.82	-0.77	-0.64	-0.64	-0.62	-0.58	-1.01	-1.28	-0.87
May, Marianne	-0.79	-0.36	-0.41	-0.53	-0.80	-0.53	-0.42	-0.76	-1.49	-0.35	-0.17	0.87
Ransford, Ronald	1.23	0.21	-1.43	-1.02	-0.66	-0.34	-0.39	-1.56	0.90	-1.01	0.94	-0.87
Sanchez, Arthur	0.62	-0.17	-1.13	0.45	1.31	-0.03	-0.80	0.00	1.36	0.87	-0.17	-0.87
Stremlow, Mike	1.19	-2.15	0.01	-1.64	-0.67	0.09	0.95	0.17	0.90	0.02	-0.17	-0.87
Viera, Ralph B.	0.10	-0.17	0.52	0.33	-0.18	-0.34	-0.83	0.21	-0.01	0.21	-0.17	0.87
MAXIMUM	1.80	-2.15	2.53	2.30	1.94	3.16	2.26	-1.66	-1.49	-1.95	2.05	1.73
MINIMUM	0.10	-0.17	0.01	0.33	-0.18	-0.03	0.08	0.00	-0.01	0.02	-0.17	0.00
RANGE(MAX-MIN)	1.695	-1.985	2.520	1.971	2.121	3.186	2.188	-1.661	-1.481	-1.971	2.225	1.732
MEAN	0.000	0.000	0.000	0.000	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	1.000	1.000	1.000	1.000

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Part ID= C3 - C13-STYLE

Rated Values

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

Rater	G1TOT	G2TOT	G3TOT	UCTOT	L1TOT	L2TOT	L3TOT	L4TOT
Barrera, Tony	34.80	6.33	2.50	1.50	19.63	25.67	6.12	2.00
Chao, Kenneth	48.56	5.95	2.00	2.10	15.36	27.90	6.60	2.00
Greenland, Paul	30.00	9.18	2.18	3.85	23.95	26.11	7.28	2.72
Hill, Howard P.	35.28	7.58	2.74	4.00	19.48	22.62	7.41	1.27
Hurst, Kevin R.	50.75	10.33	2.38	2.10	27.30	21.19	8.05	2.32
Lonsway, Chris	28.27	10.12	2.52	2.86	19.94	20.38	7.30	2.28
Ransford, Ronald	51.75	8.25	2.35	7.38	14.16	32.10	8.67	2.63
Sanchez, Arthur	46.04	8.30	1.74	3.00	20.68	27.99	7.09	1.44
Stremlow, Mike	47.04	8.56	2.09	2.93	18.97	27.80	6.54	1.58
Viera, Ralph B.	47.00	10.99	3.30	7.50	22.01	23.10	7.62	2.46
MAXIMUM	51.75	10.99	3.30	7.50	27.30	32.10	8.67	2.72
MINIMUM	28.27	5.95	1.74	1.50	14.16	20.38	6.12	1.27
RANGE(MAX-MIN)	23.480	5.040	1.560	6.000	13.140	11.720	2.550	1.450
MEAN	41.949	8.559	2.380	3.722	20.148	25.486	7.268	2.070
STANDARD DEVIATION	8.887	1.659	0.433	2.104	3.805	3.652	0.749	0.503

Part ID= C3 - C13-STYLE

C3 YI Values

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

Rater	G1TOT	G2TOT	G3TOT	UCTOT	L1TOT	L2TOT	L3TOT	L4TOT
Barrera, Tony	-0.80	-1.34	0.28	-1.06	-0.14	0.05	-1.53	-0.14
Chao, Kenneth	0.74	-1.57	-0.88	-0.77	-1.26	0.66	-0.89	-0.14
Greenland, Paul	-1.34	0.37	-0.46	0.06	1.00	0.17	0.02	1.29
Hill, Howard P.	-0.75	-0.59	0.83	0.13	-0.18	-0.78	0.19	-1.59
Hurst, Kevin R.	0.99	1.07	0.00	-0.77	1.88	-1.18	1.04	0.50
Lonsway, Chris	-1.54	0.94	0.32	-0.41	-0.05	-1.40	0.04	0.42
Ransford, Ronald	1.10	-0.19	-0.07	1.74	-1.57	1.81	1.87	1.11
Sanchez, Arthur	0.46	-0.16	-1.48	-0.34	0.14	0.69	-0.24	-1.25
Stremlow, Mike	0.57	0.00	-0.67	-0.38	-0.31	0.63	-0.97	-0.97
Viera, Ralph B.	0.57	1.47	2.12	1.80	0.49	-0.65	0.47	0.77
MAXIMUM	-1.54	-1.57	2.12	1.80	1.88	1.81	1.87	-1.59
MINIMUM	0.46	0.00	0.00	0.06	-0.05	0.05	0.02	-0.14
RANGE(MAX-MIN)	-2.000	-1.573	2.124	1.735	1.935	1.761	1.856	-1.450
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

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Part ID= C4 - SQUARE CUT

Rated Values

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

Rater	G1TOT	G2TOT	G3TOT	G4TOT	L2TOT	L3TOT	L4TOT	TGF
Barrera, Tony	54.90	1.01	0.00	0.00	12.65	0.30	0.11	51.00
Chao, Kenneth	52.15	1.10	0.00	0.00	9.75	1.00	0.20	55.00
Cumberworth, Lee	41.47	2.29	0.10	0.00	11.60	0.18	0.18	42.00
Greenland, Paul	53.68	1.36	0.10	0.05	12.16	0.30	0.20	52.00
Hill, Howard P.	50.81	1.23	0.35	0.20	13.40	0.25	0.05	53.00
Hurst, Kevin R.	57.31	2.13	0.20	0.10	12.91	0.35	0.34	56.00
Kobrinetz, Joaquin J.	52.51	0.83	0.02	0.03	11.95	0.09	0.05	47.50
Lonsway, Chris	45.28	2.31	0.15	0.10	12.73	0.25	0.20	53.00
May, Marianne	52.80	1.20	0.20	0.24	11.45	0.26	0.19	53.00
Ransford, Ronald	69.23	2.10	0.30	0.00	14.75	0.33	0.09	69.00
Sanchez, Arthur	53.49	1.04	0.10	0.10	12.89	0.10	0.10	52.00
Stremlow, Mike	60.00	1.68	0.26	0.20	12.30	0.35	0.10	56.00
Viera, Ralph B.	60.37	0.84	0.15	0.16	12.39	0.24	0.16	52.00
MAXIMUM	69.23	2.31	0.35	0.24	14.75	1.00	0.34	69.00
MINIMUM	41.47	0.83	0.00	0.00	9.75	0.09	0.05	42.00
RANGE(MAX-MIN)	27.760	1.480	0.350	0.240	5.000	0.910	0.290	27.000
MEAN	54.154	1.471	0.148	0.091	12.379	0.308	0.152	53.192
STANDARD DEVIATION	6.896	0.558	0.111	0.086	1.156	0.224	0.080	6.026

Part ID= C4 - SQUARE CUT

C4 YI Values

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

Rater	G1TOT	G2TOT	G3TOT	G4TOT	L2TOT	L3TOT	L4TOT	TGF
Barrera, Tony	0.11	-0.83	-1.33	-1.05	0.23	-0.03	-0.52	-0.36
Chao, Kenneth	-0.29	-0.66	-1.33	-1.05	-2.28	3.09	0.61	0.30
Cumberworth, Lee	-1.84	1.47	-0.44	-1.05	-0.67	-0.57	0.36	-1.86
Greenland, Paul	-0.07	-0.20	-0.44	-0.47	-0.19	-0.03	0.61	-0.20
Hill, Howard P.	-0.48	-0.43	1.81	1.26	0.88	-0.26	-1.27	-0.03
Hurst, Kevin R.	0.46	1.18	0.46	0.11	0.46	0.19	2.36	0.47
Kobrinetz, Joaquin J.	-0.24	-1.15	-1.15	-0.70	-0.37	-0.97	-1.27	-0.94
Lonsway, Chris	-1.29	1.50	0.01	0.11	0.30	-0.26	0.61	-0.03
May, Marianne	-0.20	-0.49	0.46	1.73	-0.80	-0.21	0.48	-0.03
Ransford, Ronald	2.19	1.13	1.36	-1.05	2.05	0.10	-0.77	2.62
Sanchez, Arthur	-0.10	-0.77	-0.44	0.11	0.44	-0.93	-0.65	-0.20
Stremlow, Mike	0.85	0.37	1.00	1.26	-0.07	0.19	-0.65	0.47
Viera, Ralph B.	0.90	-1.13	0.01	0.80	0.01	-0.30	0.11	-0.20
MAXIMUM	2.19	1.50	1.81	1.73	-2.28	3.09	2.36	2.62
MINIMUM	-0.07	-0.20	0.01	0.11	0.01	-0.03	0.11	-0.03
RANGE(MAX-MIN)	2.255	1.702	1.795	1.621	-2.285	3.121	2.256	2.655
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

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Part ID= C5 - SEQUENCE III

Rated Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCTOT	THTOT	ATTOT
Barrera, Tony	11.78	25.00	0.81	60.77	21.39	6.76	0.32	0.26
Chao, Kenneth	4.41	24.15	0.60	73.75	18.95	6.00	0.25	0.13
Greenland, Paul	7.16	25.00	0.57	52.75	21.98	6.40	0.68	0.53
Hill, Howard P.	7.31	21.00	0.78	72.55	12.70	6.80	1.33	0.75
Hurst, Kevin R.	8.41	25.00	0.58	43.51	21.85	7.15	0.21	0.19
Lonsway, Chris	12.25	25.00	0.52	57.25	22.63	8.38	0.75	0.44
May, Marianne	11.35	25.00	0.35	57.76	21.46	7.21	0.73	0.43
Ransford, Ronald	15.16	27.25	1.28	70.50	21.74	5.70	0.83	0.60
Sanchez, Arthur	4.93	25.75	0.24	58.26	22.00	6.93	1.07	0.44
Stremlow, Mike	15.30	28.75	0.63	62.93	16.91	16.91	0.20	0.20
Viera, Ralph B.	9.92	25.00	0.57	65.50	22.11	7.05	0.34	0.27
MAXIMUM	15.30	28.75	1.28	73.75	22.63	16.91	1.33	0.75
MINIMUM	4.41	21.00	0.24	43.51	12.70	5.70	0.20	0.13
RANGE(MAX-MIN)	10.890	7.750	1.040	30.240	9.930	11.210	1.130	0.620
MEAN	9.816	25.173	0.630	61.412	20.338	7.754	0.610	0.385
STANDARD DEVIATION	3.731	1.900	0.270	9.024	3.041	3.116	0.378	0.194

Part ID= C5 - SEQUENCE III

C5 Y1 Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCTOT	THTOT	ATTOT
Barrera, Tony	0.53	-0.09	0.67	-0.07	0.35	-0.32	-0.77	-0.65
Chao, Kenneth	-1.45	-0.54	-0.11	1.37	-0.46	-0.56	-0.95	-1.32
Greenland, Paul	-0.71	-0.09	-0.22	-0.96	0.54	-0.43	0.19	0.75
Hill, Howard P.	-0.67	-2.20	0.55	1.23	-2.51	-0.31	1.90	1.88
Hurst, Kevin R.	-0.38	-0.09	-0.19	-1.98	0.50	-0.19	-1.06	-1.01
Lonsway, Chris	0.65	-0.09	-0.41	-0.46	0.75	0.20	0.37	0.28
May, Marianne	0.41	-0.09	-1.04	-0.40	0.37	-0.17	0.32	0.23
Ransford, Ronald	1.43	1.09	2.40	1.01	0.46	-0.66	0.58	1.11
Sanchez, Arthur	-1.31	0.30	-1.44	-0.35	0.55	-0.26	1.22	0.28
Stremlow, Mike	1.47	1.88	0.00	0.17	-1.13	2.94	-1.08	-0.96
Viera, Ralph B.	0.03	-0.09	-0.22	0.45	0.58	-0.23	-0.71	-0.60
MAXIMUM	1.47	-2.20	2.40	-1.98	-2.51	2.94	1.90	1.88
MINIMUM	0.03	-0.09	0.00	-0.07	0.35	-0.17	0.19	0.23
RANGE(MAX-MIN)	1.442	-2.106	2.405	-1.913	-2.858	3.113	1.718	1.653
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

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Part ID= C6 - ARTICULATED 2-PIECE

Rated Values

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

Rater	G1TOT	G2TOT	G3TOT	UCTOT	OCTOT	L1TOT	L2TOT	L3TOT	L4TOT	TGF	2ndGF	TLHC	TLFC
Barrera, Tony	38.75	16.98	1.92	4.50	13.60	21.27	10.41	2.12	0.63	30.00	13.00	1.00	0.00
Chao, Kenneth	35.00	6.60	1.90	6.45	7.06	16.40	6.42	1.70	0.25	25.00	5.00	1.00	0.00
Greenland, Paul	51.00	13.88	2.68	3.60	6.90	19.23	10.00	2.53	0.74	49.00	10.00	1.00	0.00
Hill, Howard P.	52.50	12.71	2.33	5.85	14.48	18.73	9.39	2.35	0.35	52.00	11.00	0.00	0.00
Hurst, Kevin R.	51.25	17.02	2.38	2.86	14.88	25.27	8.85	2.53	0.53	48.00	13.00	1.00	0.00
Lonsway, Chris	31.75	13.64	2.39	5.86	6.90	19.43	8.52	2.38	0.50	23.00	7.00	1.00	0.00
Ransford, Ronald	35.50	13.80	3.52	7.20	7.36	18.44	13.91	2.10	0.38	36.00	9.00	1.00	0.00
Sanchez, Arthur	38.75	13.85	1.67	5.71	6.46	19.50	9.98	1.74	0.54	48.00	8.00	1.00	0.00
Stremlow, Mike	60.00	12.77	1.97	5.78	9.02	17.22	10.18	1.53	0.37	75.00	9.00	2.00	2.00
Viera, Ralph B.	39.50	13.90	3.83	7.06	7.06	21.02	10.06	2.25	0.34	27.00	9.00	1.00	2.00
MAXIMUM	60.00	17.02	3.83	7.20	14.88	25.27	13.91	2.53	0.74	75.00	13.00	2.00	2.00
MINIMUM	31.75	6.60	1.67	2.86	6.46	16.40	6.42	1.53	0.25	23.00	5.00	0.00	0.00
RANGE(MAX-MIN)	28.250	10.420	2.160	4.340	8.420	8.870	7.490	1.000	0.490	52.000	8.000	2.000	2.000
MEAN	43.400	13.515	2.459	5.487	9.372	19.651	9.772	2.123	0.463	41.300	9.400	1.000	0.400
STANDARD DEVIATION	9.457	2.864	0.711	1.421	3.494	2.475	1.876	0.356	0.151	16.194	2.503	0.471	0.843

Part ID= C6 - ARTICULATED 2-PIECE

C6 YI Values

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

Rater	G1TOT	G2TOT	G3TOT	UCTOT	OCTOT	L1TOT	L2TOT	L3TOT	L4TOT	TGF	2ndGF	TLHC	TLFC
Barrera, Tony	-0.49	1.21	-0.76	-0.69	1.21	0.65	0.34	-0.01	1.11	-0.70	1.44	0.00	-0.47
Chao, Kenneth	-0.89	-2.41	-0.79	0.68	-0.66	-1.31	-1.79	-1.19	-1.41	-1.01	-1.76	0.00	-0.47
Greenland, Paul	0.80	0.13	0.31	-1.33	-0.71	-0.17	0.12	1.14	1.83	0.48	0.24	0.00	-0.47
Hill, Howard P.	0.96	-0.28	-0.18	0.26	1.46	-0.37	-0.20	0.64	-0.75	0.66	0.64	-2.12	-0.47
Hurst, Kevin R.	0.83	1.22	-0.11	-1.85	1.58	2.27	-0.49	1.14	0.44	0.41	1.44	0.00	-0.47
Lonsway, Chris	-1.23	0.04	-0.10	0.26	-0.71	-0.09	-0.67	0.72	0.25	-1.13	-0.96	0.00	-0.47
Ransford, Ronald	-0.84	0.10	1.49	1.21	-0.58	-0.49	2.21	-0.06	-0.55	-0.33	-0.16	0.00	-0.47
Sanchez, Arthur	-0.49	0.12	-1.11	0.16	-0.83	-0.06	0.11	-1.07	0.51	0.41	-0.56	0.00	-0.47
Stremlow, Mike	1.76	-0.26	-0.69	0.21	-0.10	-0.98	0.22	-1.66	-0.62	2.08	-0.16	2.12	1.90
Viera, Ralph B.	-0.41	0.13	1.93	1.11	-0.66	0.55	0.15	0.36	-0.81	-0.88	-0.16	0.00	1.90
MAXIMUM	1.76	-2.41	1.93	-1.85	1.58	2.27	2.21	-1.66	1.83	2.08	-1.76	-2.12	1.90
MINIMUM	-0.41	0.04	-0.10	0.16	-0.10	-0.06	0.11	-0.01	0.25	-0.33	-0.16	0.00	-0.47
RANGE(MAX-MIN)	2.168	-2.459	2.026	-2.005	1.677	2.332	2.095	-1.656	1.589	2.408	-1.598	-2.121	2.372
MEAN	0.000	0.000	0.000	0.000	0.000	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	1.000	1.000	1.000	1.000	1.000

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Part ID= C7 - SEQUENCE III

Rated Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCTOT	THTOT	ATTOT
Avis, Steven	22.08	25.75	3.58	35.50	27.25	2.71	0.59	0.17
Barrera, Tony	25.72	25.00	3.17	33.82	26.27	3.76	0.20	0.04
Chao, Kenneth	15.40	77.50	2.96	70.00	76.78	4.60	0.23	0.06
Greenland, Paul	21.82	25.75	3.08	36.25	28.75	4.10	0.61	0.22
Hill, Howard P.	18.78	21.48	5.01	36.95	26.24	3.75	0.80	0.28
Hills, Barry	29.56	25.00	3.62	35.02	26.21	3.45	0.21	0.13
Hurst, Kevin R.	49.54	25.00	3.20	32.50	26.50	3.80	0.32	0.15
Lonsway, Chris	22.47	25.00	3.99	31.75	26.50	4.90	0.24	0.15
May, Marianne	23.43	25.00	3.33	34.75	26.26	3.93	0.35	0.17
Ransford, Ronald	22.37	25.00	3.38	41.50	30.75	4.00	0.70	0.25
Sanchez, Arthur	22.06	26.50	3.69	40.00	29.76	3.88	0.40	0.20
Stremlow, Mike	20.10	53.50	3.03	34.75	28.32	3.20	0.27	0.04
Viera, Ralph B.	29.73	27.25	3.72	35.50	26.50	4.48	0.15	0.13
MAXIMUM	49.54	77.50	5.01	70.00	76.78	4.90	0.80	0.28
MINIMUM	15.40	21.48	2.96	31.75	26.21	2.71	0.15	0.04
RANGE(MAX-MIN)	34.140	56.020	2.050	38.250	50.570	2.190	0.650	0.240
MEAN	24.851	31.364	3.520	38.330	31.238	3.889	0.390	0.153
STANDARD DEVIATION	8.384	15.976	0.544	9.884	13.766	0.580	0.214	0.075

Part ID= C7 - SEQUENCE III

C7 YI Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCTOT	THTOT	ATTOT
Avis, Steven	-0.33	-0.35	0.11	-0.29	-0.29	-2.03	0.94	0.22
Barrera, Tony	0.10	-0.40	-0.64	-0.46	-0.36	-0.22	-0.89	-1.50
Chao, Kenneth	-1.13	2.89	-1.03	3.20	3.31	1.23	-0.75	-1.24
Greenland, Paul	-0.36	-0.35	-0.81	-0.21	-0.18	0.36	1.03	0.89
Hill, Howard P.	-0.72	-0.62	2.74	-0.14	-0.36	-0.24	1.92	1.69
Hills, Barry	0.56	-0.40	0.18	-0.33	-0.37	-0.76	-0.84	-0.31
Hurst, Kevin R.	2.94	-0.40	-0.59	-0.59	-0.34	-0.15	-0.33	-0.04
Lonsway, Chris	-0.28	-0.40	0.86	-0.67	-0.34	1.74	-0.70	-0.04
May, Marianne	-0.17	-0.40	-0.35	-0.36	-0.36	0.07	-0.19	0.22
Ransford, Ronald	-0.30	-0.40	-0.26	0.32	-0.04	0.19	1.45	1.29
Sanchez, Arthur	-0.33	-0.30	0.31	0.17	-0.11	-0.02	0.05	0.62
Stremlow, Mike	-0.57	1.39	-0.90	-0.36	-0.21	-1.19	-0.56	-1.50
Viera, Ralph B.	0.58	-0.26	0.37	-0.29	-0.34	1.02	-1.12	-0.31
MAXIMUM	2.94	2.89	2.74	3.20	3.31	-2.03	1.92	1.69
MINIMUM	0.10	-0.26	0.11	-0.14	-0.04	-0.02	0.05	-0.04
RANGE(MAX-MIN)	2.841	3.145	2.629	3.344	3.344	-2.017	1.872	1.726
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

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Part ID= C8 - SEQUENCE III

Rated Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCTOT	THIOT	ATTOT	
Barrera, Tony	15.24	25.75	1.21	32.50	24.51	2.01	0.47	0.05	
Chao, Kenneth	13.90	25.00	0.92	85.00	91.78	1.30	0.25	0.00	
Cumberworth, Lee	20.25	25.00	0.76	28.00	24.50	1.29	0.26	0.05	
Greenland, Paul	16.47	25.00	0.96	34.00	24.50	2.05	0.92	0.10	
Hill, Howard P.	14.33	22.60	0.94	34.00	22.89	1.45	0.45	0.01	
Hills, Barry	19.05	25.00	0.66	32.50	24.28	1.43	0.19	0.10	
Hurst, Kevin R.	15.21	25.75	0.83	28.75	24.51	1.40	0.17	0.10	
Lonsway, Chris	18.32	25.00	0.83	30.25	24.75	1.24	0.55	0.10	
May, Marianne	19.02	25.00	0.76	33.25	24.27	1.66	0.73	0.15	
Ransford, Ronald	18.19	28.00	1.18	41.50	24.50	1.50	0.75	0.50	
Sanchez, Arthur	14.31	26.50	0.60	34.75	26.50	1.36	0.33	0.10	
Stremlow, Mike	15.17	74.50	1.07	31.75	24.52	1.18	0.27	0.00	
MAXIMUM	20.25	74.50	1.21	85.00	91.78	2.05	0.92	0.50	
MINIMUM	13.90	22.60	0.60	28.00	22.89	1.18	0.17	0.00	
RANGE(MAX-MIN)	6.350	51.900	0.610	57.000	68.890	0.870	0.750	0.500	
MEAN	16.622	29.425	0.893	37.188	30.126	1.489	0.445	0.105	
STANDARD DEVIATION	2.220	14.249	0.192	15.444	19.432	0.283	0.246	0.133	

Part ID= C8 - SEQUENCE III

C8 YI Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT	UCTOT	THIOT	ATTOT	
Barrera, Tony	-0.62	-0.26	1.65	-0.30	-0.29	1.84	0.10	-0.41	
Chao, Kenneth	-1.23	-0.31	0.14	3.10	3.17	-0.67	-0.79	-0.79	
Cumberworth, Lee	1.63	-0.31	-0.69	-0.59	-0.29	-0.71	-0.75	-0.41	
Greenland, Paul	-0.07	-0.31	0.35	-0.21	-0.29	1.99	1.93	-0.04	
Hill, Howard P.	-1.03	-0.48	0.24	-0.21	-0.37	-0.14	0.02	-0.71	
Hills, Barry	1.09	-0.31	-1.22	-0.30	-0.30	-0.21	-1.03	-0.04	
Hurst, Kevin R.	-0.64	-0.26	-0.33	-0.55	-0.29	-0.32	-1.12	-0.04	
Lonsway, Chris	0.77	-0.31	-0.33	-0.45	-0.28	-0.88	0.43	-0.04	
May, Marianne	1.08	-0.31	-0.69	-0.26	-0.30	0.60	1.16	0.34	
Ransford, Ronald	0.71	-0.10	1.49	0.28	-0.29	0.04	1.24	2.96	
Sanchez, Arthur	-1.04	-0.21	-1.53	-0.16	-0.19	-0.46	-0.47	-0.04	
Stremlow, Mike	-0.65	3.16	0.92	-0.35	-0.29	-1.09	-0.71	-0.79	
MAXIMUM	1.63	3.16	1.65	3.10	3.17	1.99	1.93	2.96	
MINIMUM	-0.07	-0.10	0.14	-0.16	-0.19	0.04	0.02	-0.04	
RANGE(MAX-MIN)	1.703	3.263	1.511	3.254	3.359	1.947	1.907	3.002	
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	

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Part ID= K1-6 - C13 2ND RING CARBON

Rated Values

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

Rater	R1DEME	R2DEME	R3DEME	R4DEME	R5DEME	R6DEME
Barrera, Tony	20.00	14.00	32.00	26.00	14.00	6.00
Castillo, George	28.00	16.00	38.00	32.00	12.00	7.00
Guarda, Waldyr	22.00	12.00	22.00	30.00	9.00	5.00
Lowsky, John	20.00	10.00	18.00	22.00	11.00	6.00
Viera, Ralph B.	24.00	14.00	30.00	30.00	20.00	5.00
MAXIMUM	28.00	16.00	38.00	32.00	20.00	7.00
MINIMUM	20.00	10.00	18.00	22.00	9.00	5.00
RANGE(MAX-MIN)	8.000	6.000	20.000	10.000	11.000	2.000
MEAN	22.800	13.200	28.000	28.000	13.200	5.800
STANDARD DEVIATION	3.347	2.280	8.000	4.000	4.207	0.837

Part ID= K1-6 - C13 2ND RING CARBON

K1-6 Y1 Values

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

Rater	R1DEME	R2DEME	R3DEME	R4DEME	R5DEME	R6DEME
Barrera, Tony	-0.84	0.35	0.50	-0.50	0.19	0.24
Castillo, George	1.55	1.23	1.25	1.00	-0.29	1.43
Guarda, Waldyr	-0.24	-0.53	-0.75	0.50	-1.00	-0.96
Lowsky, John	-0.84	-1.40	-1.25	-1.50	-0.52	0.24
Viera, Ralph B.	0.36	0.35	0.25	0.50	1.62	-0.96
MAXIMUM	1.55	-1.40	1.25	-1.50	1.62	1.43
MINIMUM	-0.24	0.35	0.25	-0.50	0.19	0.24
RANGE(MAX-MIN)	1.793	-1.754	1.000	-1.000	1.426	1.195
MEAN	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

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Part ID= L1-6 - C13 2ND RING CARBON

Rated Values

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

Rater	R1DEME	R2DEME	R3DEME	R4DEME	R5DEME	R6DEME
Barrera, Tony	18.00	34.00	9.00	11.00	22.00	6.00
Castillo, George	18.00	56.00	11.00	15.00	28.00	8.00
Guarda, Waldyr	11.00	22.00	8.00	6.00	16.00	6.00
Lowsky, John	11.00	17.00	8.00	12.00	11.00	8.00
Viera, Ralph B.	15.00	42.00	9.00	13.00	24.00	7.00
MAXIMUM	18.00	56.00	11.00	15.00	28.00	8.00
MINIMUM	11.00	17.00	8.00	6.00	11.00	6.00
RANGE(MAX-MIN)	7.000	39.000	3.000	9.000	17.000	2.000
MEAN	14.600	34.200	9.000	11.400	20.200	7.000
STANDARD DEVIATION	3.507	15.659	1.225	3.362	6.723	1.000

Part ID= L1-6 - C13 2ND RING CARBON

L1-6 Yi Values

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

Rater	R1DEME	R2DEME	R3DEME	R4DEME	R5DEME	R6DEME
Barrera, Tony	0.97	-0.01	0.00	-0.12	0.27	-1.00
Castillo, George	0.97	1.39	1.63	1.07	1.16	1.00
Guarda, Waldyr	-1.03	-0.78	-0.82	-1.61	-0.62	-1.00
Lowsky, John	-1.03	-1.10	-0.82	0.18	-1.37	1.00
Viera, Ralph B.	0.11	0.50	0.00	0.48	0.57	0.00
MAXIMUM	-1.03	1.39	1.63	-1.61	-1.37	-1.00
MINIMUM	0.11	-0.01	0.00	-0.12	0.27	0.00
RANGE(MAX-MIN)	-1.141	1.405	1.633	-1.487	-1.636	-1.000
MEAN	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

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Part ID= M1-6 - C13 2ND RING CARBON

Rated Values

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

Rater	R1DEME	R2DEME	R3DEME	R4DEME	R5DEME	R6DEME
Barrera, Tony	12.00	10.00	12.00	4.00	10.00	14.00
Castillo, George	18.00	16.00	17.00	7.00	14.00	17.00
Guarda, Waldyr	12.00	10.00	10.00	5.00	12.00	13.00
Lowsky, John	16.00	13.00	12.00	10.00	10.00	13.00
Viera, Ralph B.	16.00	14.00	14.00	13.00	10.00	17.00
MAXIMUM	18.00	16.00	17.00	13.00	14.00	17.00
MINIMUM	12.00	10.00	10.00	4.00	10.00	13.00
RANGE(MAX-MIN)	6.000	6.000	7.000	9.000	4.000	4.000
MEAN	14.800	12.600	13.000	7.800	11.200	14.800
STANDARD DEVIATION	2.683	2.608	2.646	3.701	1.789	2.049

Part ID= M1-6 - C13 2ND RING CARBON

M1-6 Yi Values

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

Rater	R1DEME	R2DEME	R3DEME	R4DEME	R5DEME	R6DEME
Barrera, Tony	-1.04	-1.00	-0.38	-1.03	-0.67	-0.39
Castillo, George	1.19	1.30	1.51	-0.22	1.57	1.07
Guarda, Waldyr	-1.04	-1.00	-1.13	-0.76	0.45	-0.88
Lowsky, John	0.45	0.15	-0.38	0.59	-0.67	-0.88
Viera, Ralph B.	0.45	0.54	0.38	1.40	-0.67	1.07
MAXIMUM	1.19	1.30	1.51	1.40	1.57	1.07
MINIMUM	0.45	0.15	-0.38	-0.22	0.45	-0.39
RANGE(MAX-MIN)	0.745	1.150	1.890	1.621	1.118	1.464
MEAN	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

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Part ID= P1-8 - SEQ V PISTONS(TH ONLY)

Rated Values

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

Rater	SKIRT1	SKIRT2	SKIRT3	SKIRT4	SKIRT5	SKIRT6	SKIRT7	SKIRT8
Avis, Steven	8.96	8.96	8.77	8.96	8.82	8.70	8.66	8.65
Barrera, Tony	8.82	8.51	8.48	8.52	8.48	8.02	7.66	7.76
Foecking, Brian	8.95	8.63	8.81	8.61	8.39	7.97	7.70	7.29
Guarda, Waldyr	8.94	8.83	8.73	9.16	8.70	8.79	8.67	8.43
Hurst, Kevin R.	9.14	8.87	8.82	8.95	8.94	8.67	8.68	8.66
Lopez, Frank	8.80	8.43	8.64	8.52	8.51	7.88	7.51	7.56
Lowsky, John	9.40	9.08	9.02	9.28	8.98	8.65	8.58	8.48
May, Marianne	9.03	8.84	8.77	8.88	8.64	8.24	7.82	7.59
Ransford, Ronald	8.55	8.20	8.55	8.28	8.50	7.75	8.35	8.03
Sanchez, Arthur	8.82	8.44	8.67	8.63	8.60	8.15	7.46	7.61
Schmidt, Brian	8.80	7.30	7.45	8.40	8.45	7.48	8.10	8.10
Senneff, Randall R	8.37	7.83	7.98	7.98	7.86	7.60	7.30	7.43
Stremlow, Mike	7.90	7.55	7.45	8.04	7.53	6.80	6.30	6.45
Sugita, Takashi	7.80	7.45	7.25	7.25	7.25	6.48	6.30	6.30
Zalewski, John	8.83	8.51	8.64	8.76	8.60	8.42	8.43	8.28
MAXIMUM	9.40	9.08	9.02	9.28	8.98	8.79	8.68	8.66
MINIMUM	7.80	7.30	7.25	7.25	7.25	6.48	6.30	6.30
RANGE(MAX-MIN)	1.600	1.780	1.770	2.030	1.730	2.310	2.380	2.360
MEAN	8.741	8.362	8.402	8.548	8.417	7.973	7.835	7.775
STANDARD DEVIATION	0.431	0.575	0.575	0.519	0.495	0.681	0.785	0.722

Part ID= P1-8 - SEQ V PISTONS(TH ONLY)

P1-8 YI Values

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

Rater	SKIRT1	SKIRT2	SKIRT3	SKIRT4	SKIRT5	SKIRT6	SKIRT7	SKIRT8
Avis, Steven	0.51	1.04	0.64	0.79	0.81	1.07	1.05	1.21
Barrera, Tony	0.18	0.26	0.14	-0.05	0.13	0.07	-0.22	-0.02
Foecking, Brian	0.49	0.47	0.71	0.12	-0.05	0.00	-0.17	-0.67
Guarda, Waldyr	0.46	0.81	0.57	1.18	0.57	1.20	1.06	0.91
Hurst, Kevin R.	0.93	0.88	0.73	0.77	1.06	1.02	1.08	1.23
Lopez, Frank	0.14	0.12	0.41	-0.05	0.19	-0.14	-0.41	-0.30
Lowsky, John	1.53	1.25	1.07	1.41	1.14	0.99	0.95	0.98
May, Marianne	0.67	0.83	0.64	0.64	0.45	0.39	-0.02	-0.26
Ransford, Ronald	-0.44	-0.28	0.26	-0.52	0.17	-0.33	0.66	0.35
Sanchez, Arthur	0.18	0.14	0.47	0.16	0.37	0.26	-0.48	-0.23
Schmidt, Brian	0.14	-1.85	-1.66	-0.29	0.07	-0.72	0.34	0.45
Senneff, Randall R	-0.86	-0.92	-0.73	-1.09	-1.12	-0.55	-0.68	-0.48
Stremlow, Mike	-1.95	-1.41	-1.66	-0.98	-1.79	-1.72	-1.95	-1.84
Sugita, Takashi	-2.18	-1.59	-2.00	-2.50	-2.36	-2.19	-1.95	-2.04
Zalewski, John	0.21	0.26	0.41	0.41	0.37	0.66	0.76	0.70
MAXIMUM	-2.18	-1.85	-2.00	-2.50	-2.36	-2.19	-1.95	-2.04
MINIMUM	0.14	0.12	0.14	-0.05	-0.05	0.00	-0.02	-0.02
RANGE(MAX-MIN)	-2.319	-1.964	-2.138	-2.448	-2.303	-2.188	-1.936	-2.023
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

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Part ID= Q1-8 - SEQ V PISTONS(TH ONLY)

Rated Values

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

Rater	SKIRT1	SKIRT2	SKIRT3	SKIRT4	SKIRT5	SKIRT6	SKIRT7	SKIRT8
Barrera, Tony	9.08	9.15	8.74	8.60	8.79	8.55	8.36	8.33
Castile, Kevin	8.78	8.67	8.60	8.35	8.54	8.34	8.06	8.24
Chao, Kenneth	8.80	8.88	8.84	8.76	8.78	8.71	8.61	8.51
Foecking, Brian	9.22	9.30	9.25	8.86	9.16	8.48	8.34	8.00
Guarda, Waldyr	9.19	9.26	9.00	8.89	9.01	8.70	8.54	8.58
Hurst, Kevin R.	9.20	9.33	9.19	8.95	9.10	8.97	8.81	8.68
Lonsway, Chris	9.11	9.19	9.06	8.79	9.02	8.72	8.46	8.33
Lopez, Frank	9.14	9.16	8.74	8.38	8.78	8.43	7.97	7.56
Potocar, William P	8.94	9.04	9.00	8.83	8.85	8.70	8.30	8.22
Ransford, Ronald	8.73	8.78	8.78	8.48	9.03	8.10	7.88	7.96
Rodriguez, Jesus (Jesse)	9.01	9.09	8.76	8.46	8.83	8.44	7.97	7.95
Sanchez, Arthur	9.14	9.26	9.03	8.81	8.82	8.45	8.50	8.40
Stremlow, Mike	8.75	8.55	8.45	8.45	8.75	8.13	7.85	7.58
MAXIMUM	9.22	9.33	9.25	8.95	9.16	8.97	8.81	8.68
MINIMUM	8.73	8.55	8.45	8.35	8.54	8.10	7.85	7.56
RANGE(MAX-MIN)	0.490	0.780	0.800	0.600	0.620	0.870	0.960	1.120
MEAN	9.007	9.051	8.880	8.662	8.882	8.517	8.281	8.180
STANDARD DEVIATION	0.185	0.253	0.232	0.214	0.172	0.246	0.307	0.353

Part ID= Q1-8 - SEQ V PISTONS(TH ONLY)

Q1-8 YI Values

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

Rater	SKIRT1	SKIRT2	SKIRT3	SKIRT4	SKIRT5	SKIRT6	SKIRT7	SKIRT8
Barrera, Tony	0.40	0.39	-0.60	-0.29	-0.53	0.13	0.26	0.42
Castile, Kevin	-1.23	-1.50	-1.21	-1.46	-1.99	-0.72	-0.72	0.17
Chao, Kenneth	-1.12	-0.67	-0.17	0.46	-0.59	0.78	1.07	0.93
Foecking, Brian	1.15	0.98	1.60	0.92	1.62	-0.15	0.19	-0.51
Guarda, Waldyr	0.99	0.83	0.52	1.06	0.75	0.74	0.84	1.13
Hurst, Kevin R.	1.05	1.10	1.34	1.34	1.27	1.84	1.72	1.42
Lonsway, Chris	0.56	0.55	0.78	0.60	0.81	0.83	0.58	0.42
Lopez, Frank	0.72	0.43	-0.60	-1.32	-0.59	-0.35	-1.01	-1.76
Potocar, William P	-0.36	-0.04	0.52	0.78	-0.18	0.74	0.06	0.11
Ransford, Ronald	-1.50	-1.07	-0.43	-0.85	0.87	-1.69	-1.30	-0.62
Rodriguez, Jesus (Jesse)	0.02	0.16	-0.52	-0.95	-0.30	-0.31	-1.01	-0.65
Sanchez, Arthur	0.72	0.83	0.65	0.69	-0.36	-0.27	0.71	0.62
Stremlow, Mike	-1.39	-1.98	-1.85	-0.99	-0.77	-1.57	-1.40	-1.70
MAXIMUM	-1.50	-1.98	-1.85	-1.46	-1.99	1.84	1.72	-1.76
MINIMUM	0.02	-0.04	-0.17	-0.29	-0.18	0.13	0.06	0.11
RANGE(MAX-MIN)	-1.517	-1.936	-1.682	-1.168	-1.807	1.707	1.659	-1.870
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

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Part ID= R1-8 - SEQ V PISTONS(TH ONLY)

Rated Values

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

Rater	SKIRT1	SKIRT2	SKIRT3	SKIRT4	SKIRT5	SKIRT6	SKIRT7	SKIRT8
Avis, Steven	9.10	9.12	9.14	8.76	8.91	8.85	8.83	8.73
Barrera, Tony	8.92	8.80	8.73	8.69	8.71	8.54	8.41	8.40
Chao, Kenneth	8.65	8.65	8.66	8.55	8.55	8.45	8.45	8.45
Hurst, Kevin R.	9.14	9.12	9.05	8.91	8.97	8.84	8.79	8.78
Lowsky, John	9.13	9.01	9.03	9.06	9.01	8.96	8.77	8.97
Potocar, William P	9.09	9.00	8.93	8.64	8.73	8.49	8.60	8.42
Rodriguez, Jesus (Jesse)	9.12	8.76	8.81	8.59	8.60	8.38	8.44	7.92
Schmidt, Brian	9.10	9.10	9.10	8.70	8.70	8.70	8.70	8.70
Senneff, Randall R	8.03	8.00	8.23	8.20	8.21	7.58	8.10	8.10
Sugita, Takashi	7.70	7.75	7.50	7.35	7.40	7.30	7.30	7.30
Zalewski, John	8.80	8.85	8.88	8.91	8.88	8.84	8.70	8.73
MAXIMUM	9.14	9.12	9.14	9.06	9.01	8.96	8.83	8.97
MINIMUM	7.70	7.75	7.50	7.35	7.40	7.30	7.30	7.30
RANGE(MAX-MIN)	1.440	1.370	1.640	1.710	1.610	1.660	1.530	1.670
MEAN	8.798	8.742	8.733	8.578	8.606	8.448	8.463	8.409
STANDARD DEVIATION	0.493	0.459	0.483	0.466	0.460	0.537	0.442	0.481

Part ID= R1-8 - SEQ V PISTONS(TH ONLY)

R1-8 YI Values

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

Rater	SKIRT1	SKIRT2	SKIRT3	SKIRT4	SKIRT5	SKIRT6	SKIRT7	SKIRT8
Avis, Steven	0.61	0.82	0.84	0.39	0.66	0.75	0.83	0.67
Barrera, Tony	0.25	0.13	-0.01	0.24	0.23	0.17	-0.12	-0.02
Chao, Kenneth	-0.30	-0.20	-0.15	-0.06	-0.12	0.00	-0.03	0.09
Hurst, Kevin R.	0.69	0.82	0.66	0.71	0.79	0.73	0.74	0.77
Lowsky, John	0.67	0.58	0.62	1.03	0.88	0.95	0.70	1.17
Potocar, William P	0.59	0.56	0.41	0.13	0.27	0.08	0.31	0.02
Rodriguez, Jesus (Jesse)	0.65	0.04	0.16	0.03	-0.01	-0.13	-0.05	-1.02
Schmidt, Brian	0.61	0.78	0.76	0.26	0.20	0.47	0.54	0.61
Senneff, Randall R	-1.56	-1.61	-1.04	-0.81	-0.86	-1.62	-0.82	-0.64
Sugita, Takashi	-2.23	-2.16	-2.55	-2.64	-2.62	-2.14	-2.63	-2.31
Zalewski, John	0.00	0.24	0.30	0.71	0.60	0.73	0.54	0.67
MAXIMUM	-2.23	-2.16	-2.55	-2.64	-2.62	-2.14	-2.63	-2.31
MINIMUM	0.00	0.04	-0.01	0.03	-0.01	0.00	-0.03	-0.02
RANGE(MAX-MIN)	-2.231	-2.198	-2.546	-2.663	-2.611	-2.143	-2.601	-2.289
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

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Part ID= V1-8 - INTAKE VALVE SET

Rated Values

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

Rater	P1	P2	P3	P4	P5	P6	P7	P8
Avis, Steven	9.60	8.20	9.40	8.80	9.10	8.80	8.60	9.30
Barrera, Tony	9.40	8.40	9.20	8.90	9.00	9.00	8.80	9.10
Castillo, George	9.50	7.90	9.00	7.80	8.90	9.50	8.20	9.00
Guarda, Waldyr	9.50	9.00	8.80	8.70	8.60	8.40	9.10	9.00
Lowsky, John	9.70	8.10	9.40	8.55	9.05	9.30	9.15	9.25
Pitta, Jimmy	9.70	9.20	9.50	9.00	9.20	9.60	9.40	9.50
Seiz, Ray	9.70	9.30	9.20	8.90	9.00	9.50	9.20	9.20
Viera, Ralph B.	9.50	9.00	9.10	8.30	8.50	9.20	8.80	8.70
Zalewski, John	9.60	8.80	9.30	9.10	9.10	9.10	9.00	9.30
MAXIMUM	9.70	9.30	9.50	9.10	9.20	9.60	9.40	9.50
MINIMUM	9.40	7.90	8.80	7.80	8.50	8.40	8.20	8.70
RANGE(MAX-MIN)	0.300	1.400	0.700	1.300	0.700	1.200	1.200	0.800
MEAN	9.578	8.656	9.211	8.672	8.939	9.156	8.917	9.150
STANDARD DEVIATION	0.109	0.515	0.220	0.407	0.237	0.384	0.362	0.232

Part ID= V1-8 - INTAKE VALVE SET

V1-8 Yi Values

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

Rater	P1	P2	P3	P4	P5	P6	P7	P8
Avis, Steven	0.20	-0.88	0.86	0.31	0.68	-0.92	-0.87	0.65
Barrera, Tony	-1.63	-0.50	-0.05	0.56	0.26	-0.40	-0.32	-0.22
Castillo, George	-0.71	-1.47	-0.96	-2.14	-0.16	0.90	-1.98	-0.65
Guarda, Waldyr	-0.71	0.67	-1.86	0.07	-1.43	-1.97	0.51	-0.65
Lowsky, John	1.12	-1.08	0.86	-0.30	0.47	0.38	0.64	0.43
Pitta, Jimmy	1.12	1.06	1.31	0.81	1.10	1.16	1.33	1.51
Seiz, Ray	1.12	1.25	-0.05	0.56	0.26	0.90	0.78	0.22
Viera, Ralph B.	-0.71	0.67	-0.50	-0.91	-1.85	0.12	-0.32	-1.94
Zalewski, John	0.20	0.28	0.40	1.05	0.68	-0.14	0.23	0.65
MAXIMUM	-1.63	-1.47	-1.86	-2.14	-1.85	-1.97	-1.98	-1.94
MINIMUM	0.20	0.28	-0.05	0.07	-0.16	0.12	0.23	-0.22
RANGE(MAX-MIN)	-1.830	-1.747	-1.814	-2.211	-1.689	-2.081	-2.208	-1.725
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

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Part ID= W1-8 - INTAKE VALVE SET

Rated Values

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

Rater	P1	P2	P3	P4	P5	P6	P7	P8
Barrera, Tony	9.60	9.30	8.80	8.30	9.50	9.00	9.40	8.60
Castillo, George	9.60	9.40	8.20	7.70	9.50	9.60	9.50	7.80
Guarda, Waldyr	9.80	9.50	8.80	8.60	9.20	8.40	9.30	8.40
Lowsky, John	9.70	9.65	9.33	8.53	9.55	9.20	9.80	8.70
Pitta, Jimmy	9.70	9.60	9.10	8.70	9.60	9.50	9.70	9.10
Seiz, Ray	9.80	9.50	9.10	8.80	9.50	9.40	9.70	9.10
Viera, Ralph B.	9.40	9.20	9.10	8.80	9.40	9.20	9.50	8.60
Zalewski, John	9.50	9.40	9.10	8.90	9.50	9.10	9.40	9.10
MAXIMUM	9.80	9.65	9.33	8.90	9.60	9.60	9.80	9.10
MINIMUM	9.40	9.20	8.20	7.70	9.20	8.40	9.30	7.80
RANGE(MAX-MIN)	0.400	0.450	1.130	1.200	0.400	1.200	0.500	1.300
MEAN	9.638	9.444	8.941	8.541	9.469	9.175	9.538	8.675
STANDARD DEVIATION	0.141	0.150	0.347	0.389	0.122	0.373	0.177	0.446

Part ID= W1-8 - INTAKE VALVE SET

W1-8 Yi Values

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

Rater	P1	P2	P3	P4	P5	P6	P7	P8
Barrera, Tony	-0.27	-0.96	-0.41	-0.62	0.26	-0.47	-0.78	-0.17
Castillo, George	-0.27	-0.29	-2.14	-2.16	0.26	1.14	-0.21	-1.96
Guarda, Waldyr	1.15	0.38	-0.41	0.15	-2.20	-2.08	-1.34	-0.62
Lowsky, John	0.44	1.38	1.12	-0.03	0.66	0.07	1.48	0.06
Pitta, Jimmy	0.44	1.04	0.46	0.41	1.07	0.87	0.92	0.95
Seiz, Ray	1.15	0.38	0.46	0.67	0.26	0.60	0.92	0.95
Viera, Ralph B.	-1.69	-1.63	0.46	0.67	-0.56	0.07	-0.21	-0.17
Zalewski, John	-0.98	-0.29	0.46	0.92	0.26	-0.20	-0.78	0.95
MAXIMUM	-1.69	-1.63	-2.14	-2.16	-2.20	-2.08	1.48	-1.96
MINIMUM	-0.27	-0.29	-0.41	-0.03	0.26	0.07	-0.21	0.06
RANGE(MAX-MIN)	-1.421	-1.335	-1.731	-2.136	-2.453	-2.144	1.697	-2.016
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

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

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	7.54	7.28	7.44	7.28	7.26	7.33	7.50	7.40
Lowsky, John	8.08	8.18	8.09	8.15	8.15	8.05	8.12	8.11
Seiz, Ray	8.14	8.36	8.30	8.20	8.35	8.38	8.31	8.32
MAXIMUM	8.14	8.36	8.30	8.20	8.35	8.38	8.31	8.32
MINIMUM	7.54	7.28	7.44	7.28	7.26	7.33	7.50	7.40
RANGE(MAX-MIN)	0.600	1.080	0.860	0.920	1.090	1.050	0.810	0.920
MEAN	7.920	7.940	7.943	7.877	7.920	7.920	7.977	7.943
STANDARD DEVIATION	0.330	0.579	0.448	0.517	0.580	0.537	0.424	0.482

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	-1.15	-1.14	-1.12	-1.15	-1.14	-1.10	-1.13	-1.13
Lowsky, John	0.48	0.41	0.33	0.53	0.40	0.24	0.34	0.35
Seiz, Ray	0.67	0.73	0.80	0.63	0.74	0.86	0.79	0.78
MAXIMUM	-1.15	-1.14	-1.12	-1.15	-1.14	-1.10	-1.13	-1.13
MINIMUM	0.48	0.41	0.33	0.53	0.40	0.24	0.34	0.35
RANGE(MAX-MIN)	-1.634	-1.555	-1.450	-1.682	-1.534	-1.341	-1.464	-1.473
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

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Part ID= X1 - D4V PISTON

Rated Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT
Barrera, Tony	0.64	0.54	6.32	1.63	9.26
Castile, Kevin	0.21	0.47	5.92	0.93	9.14
Chao, Kenneth	0.60	0.74	7.40	0.65	9.35
Cumberworth, Lee	0.62	0.64	4.63	2.28	8.78
Foecking, Brian	0.74	0.62	5.08	1.49	9.00
Guarda, Waldyr	0.61	0.55	6.30	1.69	9.04
Hill, Howard P.	0.60	0.49	6.33	2.21	8.66
Hills, Barry	0.59	0.61	6.39	1.30	9.28
Hurst, Kevin R.	0.60	0.52	3.46	1.54	8.71
Lopez, Frank	0.65	0.60	5.99	1.44	9.32
Potocar, William P	0.59	0.57	6.56	1.79	9.33
Ransford, Ronald	0.74	0.52	6.62	1.24	9.25
Sanchez, Arthur	0.68	0.62	7.08	1.08	9.26
Stremlow, Mike	0.67	0.43	6.96	1.77	9.13
MAXIMUM	0.74	0.74	7.40	2.28	9.35
MINIMUM	0.21	0.43	3.46	0.65	8.66
RANGE(MAX-MIN)	0.530	0.310	3.940	1.630	0.690
MEAN	0.610	0.566	6.074	1.503	9.108
STANDARD DEVIATION	0.126	0.080	1.049	0.452	0.237

Part ID= X1 - D4V PISTON

X1 Y1 Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT
Barrera, Tony	0.24	-0.32	0.23	0.28	0.64
Castile, Kevin	-3.18	-1.20	-0.15	-1.27	0.14
Chao, Kenneth	-0.08	2.18	1.26	-1.89	1.02
Cumberworth, Lee	0.08	0.93	-1.38	1.72	-1.38
Foecking, Brian	1.03	0.68	-0.95	-0.03	-0.45
Guarda, Waldyr	0.00	-0.20	0.22	0.41	-0.29
Hill, Howard P.	-0.08	-0.95	0.24	1.56	-1.89
Hills, Barry	-0.16	0.55	0.30	-0.45	0.72
Hurst, Kevin R.	-0.08	-0.57	-2.49	0.08	-1.68
Lopez, Frank	0.32	0.43	-0.08	-0.14	0.89
Potocar, William P	-0.16	0.05	0.46	0.63	0.94
Ransford, Ronald	1.03	-0.57	0.52	-0.58	0.60
Sanchez, Arthur	0.56	0.68	0.96	-0.94	0.64
Stremlow, Mike	0.48	-1.70	0.84	0.59	0.09
MAXIMUM	-3.18	2.18	-2.49	-1.89	-1.89
MINIMUM	0.00	0.05	-0.08	-0.03	0.09
RANGE(MAX-MIN)	-3.178	2.123	-2.412	-1.857	-1.979
MEAN	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Part ID= Y1 - D4V PISTON

Rated Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT
Avis, Steven	0.94	0.98	3.63	0.18	5.08
Chao, Kenneth	1.04	0.85	4.08	0.24	4.97
Cumberworth, Lee	0.90	1.02	2.36	1.06	4.64
Guarda, Waldyr	0.82	0.55	2.85	0.69	5.13
Hill, Howard P.	1.25	1.19	2.79	0.68	5.23
Hills, Barry	0.91	0.81	3.20	0.54	5.35
Hurst, Kevin R.	0.75	1.14	2.54	0.28	4.45
Lowsky, John	1.24	0.97	3.70	0.54	5.15
Potocar, William P	1.07	1.04	3.50	0.73	4.92
Rodriguez, Jesus (Jesse)	0.59	0.30	5.95	1.03	9.11
Schmidt, Brian	1.85	0.51	2.91	0.87	3.85
Seiz, Ray	0.82	0.93	3.56	1.13	4.47
Senneff, Randall R	1.25	0.85	3.45	0.81	5.53
Sugita, Takashi	1.85	2.12	3.40	1.08	4.44
Zalewski, John	0.88	0.55	3.14	0.87	5.59
MAXIMUM	1.85	2.12	5.95	1.13	9.11
MINIMUM	0.59	0.30	2.36	0.18	3.85
RANGE(MAX-MIN)	1.260	1.820	3.590	0.950	5.260
MEAN	1.077	0.921	3.404	0.715	5.194
STANDARD DEVIATION	0.366	0.417	0.845	0.310	1.181

Part ID= Y1 - D4V PISTON

Y1 Y1 Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT
Avis, Steven	-0.38	0.14	0.27	-1.73	-0.10
Chao, Kenneth	-0.10	-0.17	0.80	-1.53	-0.19
Cumberworth, Lee	-0.48	0.24	-1.24	1.11	-0.47
Guarda, Waldyr	-0.70	-0.89	-0.66	-0.08	-0.05
Hill, Howard P.	0.47	0.65	-0.73	-0.11	0.03
Hills, Barry	-0.46	-0.27	-0.24	-0.57	0.13
Hurst, Kevin R.	-0.89	0.53	-1.02	-1.40	-0.63
Lowsky, John	0.44	0.12	0.35	-0.57	-0.04
Potocar, William P	-0.02	0.29	0.11	0.05	-0.23
Rodriguez, Jesus (Jesse)	-1.33	-1.49	3.01	1.02	3.32
Schmidt, Brian	2.11	-0.98	-0.58	0.50	-1.14
Seiz, Ray	-0.70	0.02	0.18	1.34	-0.61
Senneff, Randall R	0.47	-0.17	0.05	0.31	0.28
Sugita, Takashi	2.11	2.87	0.00	1.18	-0.64
Zalewski, John	-0.54	-0.89	-0.31	0.50	0.34
MAXIMUM	2.11	2.87	3.01	-1.73	3.32
MINIMUM	-0.02	0.02	0.00	0.05	0.03
RANGE(MAX-MIN)	2.131	2.850	3.019	-1.774	3.285
MEAN	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Part ID= Z1 - D4V PISTON

Rated Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT
Avis, Steven	0.73	0.74	1.74	0.20	5.60
Castile, Kevin	0.38	0.88	1.89	0.39	5.14
Foecking, Brian	0.92	1.00	1.62	0.36	4.96
Hill, Howard P.	0.71	1.19	2.08	0.70	4.95
Hills, Barry	0.82	0.82	1.65	0.40	5.65
Hurst, Kevin R.	0.74	0.80	1.29	0.28	4.34
Lopez, Frank	0.73	0.98	1.72	0.32	6.03
Lowsky, John	0.74	0.84	2.74	0.24	5.44
Ransford, Ronald	0.88	0.83	3.04	0.44	5.32
Rodriguez, Jesus (Jesse)	1.40	1.12	3.34	0.93	5.11
Sanchez, Arthur	0.74	0.74	2.21	0.64	5.16
Schmidt, Brian	0.75	1.15	2.21	0.11	4.84
Senneff, Randall R	0.74	1.08	2.27	0.41	4.97
Stremlow, Mike	0.69	0.84	2.34	0.37	5.47
Sugita, Takashi	0.99	1.16	2.43	0.37	4.43
Zalewski, John	0.35	0.36	1.72	0.53	5.28
MAXIMUM	1.40	1.19	3.34	0.93	6.03
MINIMUM	0.35	0.36	1.29	0.11	4.34
RANGE(MAX-MIN)	1.050	0.830	2.050	0.820	1.690
MEAN	0.769	0.908	2.143	0.418	5.168
STANDARD DEVIATION	0.235	0.213	0.552	0.203	0.435

Part ID= Z1 - D4V PISTON

Z1 YI Values

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

Rater	G1TOT	G2TOT	G3TOT	L2TOT	L3TOT
Avis, Steven	-0.17	-0.79	-0.73	-1.08	0.99
Castile, Kevin	-1.66	-0.13	-0.46	-0.14	-0.06
Foecking, Brian	0.64	0.43	-0.95	-0.29	-0.48
Hill, Howard P.	-0.25	1.32	-0.11	1.39	-0.50
Hills, Barry	0.22	-0.41	-0.89	-0.09	1.11
Hurst, Kevin R.	-0.13	-0.51	-1.55	-0.68	-1.90
Lopez, Frank	-0.17	0.34	-0.77	-0.48	1.98
Lowsky, John	-0.13	-0.32	1.08	-0.88	0.63
Ransford, Ronald	0.47	-0.37	1.62	0.11	0.35
Rodriguez, Jesus (Jesse)	2.68	0.99	2.17	2.53	-0.13
Sanchez, Arthur	-0.13	-0.79	0.12	1.10	-0.02
Schmidt, Brian	-0.08	1.13	0.12	-1.52	-0.75
Senneff, Randall R	-0.13	0.81	0.23	-0.04	-0.46
Stremlow, Mike	-0.34	-0.32	0.36	-0.24	0.69
Sugita, Takashi	0.94	1.18	0.52	-0.24	-1.70
Zalewski, John	-1.78	-2.57	-0.77	0.55	0.26
MAXIMUM	2.68	-2.57	2.17	2.53	1.98
MINIMUM	-0.08	-0.13	-0.11	-0.04	-0.02
RANGE(MAX-MIN)	2.767	-2.439	2.282	2.566	2.001
MEAN	0.000	0.000	0.000	0.000	0.000
STANDARD DEVIATION	1.000	1.000	1.000	1.000	1.000

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Part ID= VTCC - VG TIMING CHAIN COVER

Rated Values

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

Rater	TOTALS	
Avis, Steven	8.66	
Barrera, Tony	8.57	
Castillo, George	8.98	
Clapperty, Leon	9.16	
Clare, Jamie	8.72	
Foecking, Brian	8.57	
Greenland, Paul	8.73	
Guarda, Waldyr	8.64	
Gutzwiller, Jim	8.25	
Hills, Barry	9.01	
Holland, Stephen	8.72	
Hurst, Kevin R.	8.50	
Langford, Mike	8.72	
Lonsway, Chris	8.89	
Lowsky, John	8.70	
May, Marianne	8.72	
Potocar, William P	8.91	
Seiz, Ray	8.91	
Trevino, Bobby	9.00	
Zalewski, John	8.83	
MAXIMUM	9.16	
MINIMUM	8.25	
RANGE(MAX-MIN)	0.910	
MEAN	8.760	
STANDARD DEVIATION	0.209	

Part ID= VTCC - VG TIMING CHAIN COVER

VTCC YI Values

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

Rater	TOTALS	
Avis, Steven	-0.48	
Barrera, Tony	-0.91	
Castillo, George	1.05	
Clapperty, Leon	1.92	
Clare, Jamie	-0.19	
Foecking, Brian	-0.91	
Greenland, Paul	-0.14	
Guarda, Waldyr	-0.57	
Gutzwiller, Jim	-2.44	
Hills, Barry	1.20	
Holland, Stephen	-0.19	
Hurst, Kevin R.	-1.24	
Langford, Mike	-0.19	
Lonsway, Chris	0.62	
Lowsky, John	-0.28	
May, Marianne	-0.19	
Potocar, William P	0.72	
Seiz, Ray	0.72	
Trevino, Bobby	1.15	
Zalewski, John	0.34	
MAXIMUM	-2.44	
MINIMUM	-0.14	
RANGE(MAX-MIN)	-2.296	
MEAN	0.000	
STANDARD DEVIATION	1.000	

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Part ID= VRCL - VG ROCKER COVER LEFT

Rated Values

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

Rater	TOTALS	
Avis, Steven	9.43	
Barrera, Tony	9.20	
Castillo, George	9.10	
Clapperty, Leon	9.35	
Clare, Jamie	9.39	
Foecking, Brian	9.30	
Greenland, Paul	9.39	
Guarda, Waldyr	9.30	
Gutzwiller, Jim	9.40	
Hills, Barry	9.41	
Holland, Stephen	9.39	
Hurst, Kevin R.	9.27	
Langford, Mike	9.39	
Lonsway, Chris	9.48	
Lowsky, John	9.38	
May, Marianne	9.29	
Potocar, William P	9.52	
Seiz, Ray	9.34	
Trevino, Bobby	9.56	
Zalewski, John	9.26	
MAXIMUM	9.56	
MINIMUM	9.10	
RANGE(MAX-MIN)	0.460	
MEAN	9.358	
STANDARD DEVIATION	0.107	

Part ID= VRCL - VG ROCKER COVER LEFT

VRCL YI Values

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

Rater	TOTALS	
Avis, Steven	0.68	
Barrera, Tony	-1.47	
Castillo, George	-2.41	
Clapperty, Leon	-0.07	
Clare, Jamie	0.30	
Foecking, Brian	-0.54	
Greenland, Paul	0.30	
Guarda, Waldyr	-0.54	
Gutzwiller, Jim	0.40	
Hills, Barry	0.49	
Holland, Stephen	0.30	
Hurst, Kevin R.	-0.82	
Langford, Mike	0.30	
Lonsway, Chris	1.15	
Lowsky, John	0.21	
May, Marianne	-0.63	
Potocar, William P	1.52	
Seiz, Ray	-0.16	
Trevino, Bobby	1.90	
Zalewski, John	-0.91	
MAXIMUM	-2.41	
MINIMUM	-0.07	
RANGE(MAX-MIN)	-2.341	
MEAN	0.000	
STANDARD DEVIATION	1.000	

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Part ID= VRRCR - VG ROCKER COVER RIGHT

Rated Values

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

Rater	TOTALS	
Avis, Steven	9.21	
Barrera, Tony	9.24	
Castillo, George	8.75	
Clapperty, Leon	9.33	
Clare, Jamie	9.25	
Foecking, Brian	9.20	
Greenland, Paul	9.25	
Guarda, Waldyr	9.24	
Gutzwiller, Jim	9.24	
Hills, Barry	9.27	
Holland, Stephen	9.25	
Hurst, Kevin R.	9.05	
Langford, Mike	9.25	
Lonsway, Chris	9.24	
Lowsky, John	9.32	
May, Marianne	9.11	
Potocar, William P	9.35	
Seiz, Ray	9.22	
Trevino, Bobby	9.43	
Zalewski, John	9.12	
MAXIMUM	9.43	
MINIMUM	8.75	
RANGE(MAX-MIN)	0.680	
MEAN	9.216	
STANDARD DEVIATION	0.138	

Part ID= VRRCR - VG ROCKER COVER RIGHT

VRRCR Yi Values

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

Rater	TOTALS	
Avis, Steven	-0.04	
Barrera, Tony	0.17	
Castillo, George	-3.37	
Clapperty, Leon	0.82	
Clare, Jamie	0.25	
Foecking, Brian	-0.12	
Greenland, Paul	0.25	
Guarda, Waldyr	0.17	
Gutzwiller, Jim	0.17	
Hills, Barry	0.39	
Holland, Stephen	0.25	
Hurst, Kevin R.	-1.20	
Langford, Mike	0.25	
Lonsway, Chris	0.17	
Lowsky, John	0.75	
May, Marianne	-0.77	
Potocar, William P	0.97	
Seiz, Ray	0.03	
Trevino, Bobby	1.55	
Zalewski, John	-0.69	
MAXIMUM	-3.37	
MINIMUM	0.03	
RANGE(MAX-MIN)	-3.401	
MEAN	0.000	
STANDARD DEVIATION	1.000	

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Part ID= VRCBL - VG RC BAFFLE SLUDGE L

Rated Values

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

Rater	TOTALS	
Avis, Steven	7.79	
Barrera, Tony	7.84	
Castillo, George	8.27	
Clapperty, Leon	8.87	
Clare, Jamie	8.08	
Foecking, Brian	8.16	
Greenland, Paul	8.05	
Guarda, Waldyr	8.03	
Gutzwiller, Jim	7.81	
Hills, Barry	9.06	
Holland, Stephen	8.08	
Hurst, Kevin R.	8.16	
Langford, Mike	8.08	
Lonsway, Chris	8.12	
Lowsky, John	8.22	
May, Marianne	7.79	
Potocar, William P	8.22	
Seiz, Ray	8.27	
Trevino, Bobby	8.45	
Zalewski, John	7.05	
MAXIMUM	9.06	
MINIMUM	7.05	
RANGE(MAX-MIN)	2.010	
MEAN	8.120	
STANDARD DEVIATION	0.409	

Part ID= VRCBL - VG RC BAFFLE SLUDGE L

VRCBL YI Values

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

Rater	TOTALS	
Avis, Steven	-0.81	
Barrera, Tony	-0.68	
Castillo, George	0.37	
Clapperty, Leon	1.83	
Clare, Jamie	-0.10	
Foecking, Brian	0.10	
Greenland, Paul	-0.17	
Guarda, Waldyr	-0.22	
Gutzwiller, Jim	-0.76	
Hills, Barry	2.30	
Holland, Stephen	-0.10	
Hurst, Kevin R.	0.10	
Langford, Mike	-0.10	
Lonsway, Chris	0.00	
Lowsky, John	0.24	
May, Marianne	-0.81	
Potocar, William P	0.24	
Seiz, Ray	0.37	
Trevino, Bobby	0.81	
Zalewski, John	-2.62	
MAXIMUM	-2.62	
MINIMUM	0.00	
RANGE(MAX-MIN)	-2.616	
MEAN	0.000	
STANDARD DEVIATION	1.000	

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Part ID= VRCBR - VG RC BAFFLE SLUDGE R

Rated Values

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

Rater	TOTALS	
Avis, Steven	8.12	
Barrera, Tony	7.79	
Castillo, George	8.02	
Clapperty, Leon	8.60	
Clare, Jamie	8.43	
Foecking, Brian	8.05	
Greenland, Paul	8.43	
Guarda, Waldyr	8.08	
Gutzwiller, Jim	7.46	
Hills, Barry	9.00	
Holland, Stephen	8.43	
Hurst, Kevin R.	7.98	
Langford, Mike	8.43	
Lonsway, Chris	8.16	
Lowsky, John	7.79	
May, Marianne	7.98	
Potocar, William P	8.09	
Seiz, Ray	8.66	
Trevino, Bobby	8.32	
Zalewski, John	7.98	
MAXIMUM	9.00	
MINIMUM	7.46	
RANGE(MAX-MIN)	1.540	
MEAN	8.190	
STANDARD DEVIATION	0.352	

Part ID= VRCBR - VG RC BAFFLE SLUDGE R

VRCBR YI Values

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

Rater	TOTALS	
Avis, Steven	-0.20	
Barrera, Tony	-1.14	
Castillo, George	-0.48	
Clapperty, Leon	1.16	
Clare, Jamie	0.68	
Foecking, Brian	-0.40	
Greenland, Paul	0.68	
Guarda, Waldyr	-0.31	
Gutzwiller, Jim	-2.07	
Hills, Barry	2.30	
Holland, Stephen	0.68	
Hurst, Kevin R.	-0.60	
Langford, Mike	0.68	
Lonsway, Chris	-0.09	
Lowsky, John	-1.14	
May, Marianne	-0.60	
Potocar, William P	-0.28	
Seiz, Ray	1.34	
Trevino, Bobby	0.37	
Zalewski, John	-0.60	
MAXIMUM	2.30	
MINIMUM	-0.09	
RANGE(MAX-MIN)	2.386	
MEAN	0.000	
STANDARD DEVIATION	1.000	

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Part ID= VRCBVL - VG RC BAFFLE VARNISH L

Rated Values

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

Rater	AVERAG	
Avis, Steven	8.57	
Barrera, Tony	8.81	
Castillo, George	9.19	
Clapperty, Leon	9.30	
Foecking, Brian	8.19	
Guarda, Waldyr	8.27	
Gutzwiller, Jim	8.77	
Hills, Barry	8.32	
Hurst, Kevin R.	8.91	
Lonsway, Chris	8.21	
Lowsky, John	8.85	
May, Marianne	8.83	
Potocar, William P	9.03	
Seiz, Ray	8.24	
Trevino, Bobby	9.02	
Zalewski, John	8.23	
MAXIMUM	9.30	
MINIMUM	8.19	
RANGE(MAX-MIN)	1.110	
MEAN	8.671	
STANDARD DEVIATION	0.381	

Part ID= VRCBVL - VG RC BAFFLE VARNISH L

VRCBVL Yi Values

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

Rater	AVERAG	
Avis, Steven	-0.27	
Barrera, Tony	0.36	
Castillo, George	1.36	
Clapperty, Leon	1.65	
Foecking, Brian	-1.26	
Guarda, Waldyr	-1.05	
Gutzwiller, Jim	0.26	
Hills, Barry	-0.92	
Hurst, Kevin R.	0.63	
Lonsway, Chris	-1.21	
Lowsky, John	0.47	
May, Marianne	0.42	
Potocar, William P	0.94	
Seiz, Ray	-1.13	
Trevino, Bobby	0.92	
Zalewski, John	-1.16	
MAXIMUM	1.65	
MINIMUM	0.26	
RANGE(MAX-MIN)	1.391	
MEAN	0.000	
STANDARD DEVIATION	1.000	

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Part ID= VRCBVR - VG RC BAFFLE VARNISH R

Rated Values

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

Rater	AVERAG	
Avis, Steven	9.10	
Barrera, Tony	9.52	
Castillo, George	8.34	
Clapperty, Leon	9.68	
Foecking, Brian	9.26	
Guarda, Waldyr	9.31	
Gutzwiller, Jim	9.52	
Hills, Barry	9.48	
Hurst, Kevin R.	9.66	
Lonsway, Chris	9.32	
Lowsky, John	9.75	
May, Marianne	9.44	
Potocar, William P	8.83	
Seiz, Ray	9.70	
Trevino, Bobby	9.45	
Zalewski, John	9.75	
MAXIMUM	9.75	
MINIMUM	8.34	
RANGE(MAX-MIN)	1.410	
MEAN	9.382	
STANDARD DEVIATION	0.373	

Part ID= VRCBVR - VG RC BAFFLE VARNISH R

VRCBVR Yi Values

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

Rater	AVERAG	
Avis, Steven	-0.76	
Barrera, Tony	0.37	
Castillo, George	-2.79	
Clapperty, Leon	0.80	
Foecking, Brian	-0.33	
Guarda, Waldyr	-0.19	
Gutzwiller, Jim	0.37	
Hills, Barry	0.26	
Hurst, Kevin R.	0.75	
Lonsway, Chris	-0.17	
Lowsky, John	0.99	
May, Marianne	0.16	
Potocar, William P	-1.48	
Seiz, Ray	0.85	
Trevino, Bobby	0.18	
Zalewski, John	0.99	
MAXIMUM	-2.79	
MINIMUM	0.16	
RANGE(MAX-MIN)	-2.949	
MEAN	0.000	
STANDARD DEVIATION	1.000	

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Part ID= VVDL - VG VALVE DECK AREA L

Rated Values

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

Rater	TOTALS	
Avis, Steven	9.21	
Barrera, Tony	8.94	
Castillo, George	9.21	
Clapperty, Leon	9.23	
Clare, Jamie	9.33	
Foecking, Brian	9.04	
Greenland, Paul	9.33	
Guarda, Waldyr	9.48	
Gutzwiller, Jim	9.20	
Hills, Barry	9.35	
Holland, Stephen	9.33	
Hurst, Kevin R.	9.29	
Langford, Mike	9.33	
Lonsway, Chris	9.30	
Lowsky, John	9.29	
May, Marianne	9.09	
Potocar, William P	9.28	
Seiz, Ray	9.32	
Trevino, Bobby	9.23	
Zalewski, John	9.05	
MAXIMUM	9.48	
MINIMUM	8.94	
RANGE(MAX-MIN)	0.540	
MEAN	9.242	
STANDARD DEVIATION	0.128	

Part ID= VVDL - VG VALVE DECK AREA L

VVDL YI Values

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

Rater	TOTALS	
Avis, Steven	-0.25	
Barrera, Tony	-2.36	
Castillo, George	-0.25	
Clapperty, Leon	-0.09	
Clare, Jamie	0.69	
Foecking, Brian	-1.58	
Greenland, Paul	0.69	
Guarda, Waldyr	1.86	
Gutzwiller, Jim	-0.32	
Hills, Barry	0.85	
Holland, Stephen	0.69	
Hurst, Kevin R.	0.38	
Langford, Mike	0.69	
Lonsway, Chris	0.46	
Lowsky, John	0.38	
May, Marianne	-1.18	
Potocar, William P	0.30	
Seiz, Ray	0.61	
Trevino, Bobby	-0.09	
Zalewski, John	-1.50	
MAXIMUM	-2.36	
MINIMUM	-0.09	
RANGE(MAX-MIN)	-2.267	
MEAN	0.000	
STANDARD DEVIATION	1.000	

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Part ID= VVDR - VG VALVE DECK AREA R

Rated Values

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

Rater	TOTALS	
Avis, Steven	6.80	
Barrera, Tony	6.70	
Castillo, George	6.85	
Clapperty, Leon	6.85	
Clare, Jamie	6.93	
Foecking, Brian	6.78	
Greenland, Paul	6.90	
Guarda, Waldyr	6.84	
Gutzwiller, Jim	6.87	
Hills, Barry	6.97	
Holland, Stephen	6.93	
Hurst, Kevin R.	6.93	
Langford, Mike	6.93	
Lonsway, Chris	6.90	
Lowsky, John	6.87	
May, Marianne	6.80	
Potocar, William P	6.81	
Seiz, Ray	6.84	
Trevino, Bobby	6.79	
Zalewski, John	6.62	
MAXIMUM	6.97	
MINIMUM	6.62	
RANGE(MAX-MIN)	0.350	
MEAN	6.846	
STANDARD DEVIATION	0.085	

Part ID= VVDR - VG VALVE DECK AREA R

VVDR YI Values

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

Rater	TOTALS	
Avis, Steven	-0.54	
Barrera, Tony	-1.72	
Castillo, George	0.05	
Clapperty, Leon	0.05	
Clare, Jamie	1.00	
Foecking, Brian	-0.77	
Greenland, Paul	0.64	
Guarda, Waldyr	-0.07	
Gutzwiller, Jim	0.29	
Hills, Barry	1.47	
Holland, Stephen	1.00	
Hurst, Kevin R.	1.00	
Langford, Mike	1.00	
Lonsway, Chris	0.64	
Lowsky, John	0.29	
May, Marianne	-0.54	
Potocar, William P	-0.42	
Seiz, Ray	-0.07	
Trevino, Bobby	-0.66	
Zalewski, John	-2.66	
MAXIMUM	-2.66	
MINIMUM	0.05	
RANGE(MAX-MIN)	-2.718	
MEAN	0.000	
STANDARD DEVIATION	1.000	

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Part ID= VOP - VG OIL PAN

Rated Values

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

Rater	TOTALS	
Avis, Steven	9.28	
Barrera, Tony	9.23	
Castillo, George	9.38	
Clapperty, Leon	9.31	
Clare, Jamie	9.31	
Foecking, Brian	9.18	
Greenland, Paul	9.31	
Guarda, Waldyr	9.39	
Gutzwiller, Jim	9.34	
Hills, Barry	9.34	
Holland, Stephen	9.33	
Hurst, Kevin R.	9.12	
Langford, Mike	9.33	
Lonsway, Chris	9.35	
Lowsky, John	9.21	
May, Marianne	9.28	
Potocar, William P	9.11	
Seiz, Ray	9.27	
Trevino, Bobby	9.34	
Zalewski, John	9.32	
MAXIMUM	9.39	
MINIMUM	9.11	
RANGE(MAX-MIN)	0.280	
MEAN	9.287	
STANDARD DEVIATION	0.079	

Part ID= VOP - VG OIL PAN

VOP YI Values

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

Rater	TOTALS	
Avis, Steven	-0.08	
Barrera, Tony	-0.72	
Castillo, George	1.19	
Clapperty, Leon	0.30	
Clare, Jamie	0.30	
Foecking, Brian	-1.35	
Greenland, Paul	0.30	
Guarda, Waldyr	1.31	
Gutzwiller, Jim	0.68	
Hills, Barry	0.68	
Holland, Stephen	0.55	
Hurst, Kevin R.	-2.11	
Langford, Mike	0.55	
Lonsway, Chris	0.80	
Lowsky, John	-0.97	
May, Marianne	-0.08	
Potocar, William P	-2.24	
Seiz, Ray	-0.21	
Trevino, Bobby	0.68	
Zalewski, John	0.42	
MAXIMUM	-2.24	
MINIMUM	-0.08	
RANGE(MAX-MIN)	-2.155	
MEAN	0.000	
STANDARD DEVIATION	1.000	

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Part ID= VOPB - VG OIL PAN BFL

Rated Values

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

Rater	TOTALS	
Avis, Steven	9.55	
Barrera, Tony	9.43	
Castillo, George	9.52	
Clapperty, Leon	9.58	
Clare, Jamie	9.46	
Foecking, Brian	9.47	
Greenland, Paul	9.45	
Guarda, Waldyr	9.48	
Gutzwiller, Jim	9.65	
Hills, Barry	9.49	
Holland, Stephen	9.46	
Hurst, Kevin R.	9.23	
Langford, Mike	9.45	
Lonsway, Chris	9.50	
Lowsky, John	9.42	
May, Marianne	9.45	
Potocar, William P	9.50	
Seiz, Ray	9.49	
Trevino, Bobby	9.67	
Zalewski, John	9.51	
MAXIMUM	9.67	
MINIMUM	9.23	
RANGE(MAX-MIN)	0.440	
MEAN	9.488	
STANDARD DEVIATION	0.090	

Part ID= VOPB - VG OIL PAN BFL

VOPB YI Values

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

Rater	TOTALS	
Avis, Steven	0.69	
Barrera, Tony	-0.64	
Castillo, George	0.36	
Clapperty, Leon	1.02	
Clare, Jamie	-0.31	
Foecking, Brian	-0.20	
Greenland, Paul	-0.42	
Guarda, Waldyr	-0.09	
Gutzwiller, Jim	1.80	
Hills, Barry	0.02	
Holland, Stephen	-0.31	
Hurst, Kevin R.	-2.86	
Langford, Mike	-0.42	
Lonsway, Chris	0.13	
Lowsky, John	-0.75	
May, Marianne	-0.42	
Potocar, William P	0.13	
Seiz, Ray	0.02	
Trevino, Bobby	2.02	
Zalewski, John	0.24	
MAXIMUM	-2.86	
MINIMUM	0.02	
RANGE(MAX-MIN)	-2.885	
MEAN	0.000	
STANDARD DEVIATION	1.000	

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Part ID= OILSCR - VG OIL SCREEN

Rated Values

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

Rater	P1	P2
Avis, Steven	3.00	1.00
Barrera, Tony	1.00	2.00
Castillo, George	1.00	1.00
Clapperty, Leon	1.00	3.00
Clare, Jamie	2.00	1.00
Cumberworth, Lee	1.00	2.00
Foecking, Brian	3.00	2.00
Greenland, Paul	2.00	1.00
Guarda, Waldyr	6.00	3.00
Gutzwiller, Jim	2.00	1.00
Holland, Stephen	2.00	1.00
Langford, Mike	2.00	1.00
Lonsway, Chris	2.00	3.00
Lopez, Frank	2.00	2.00
Lowsky, John	3.00	0.50
May, Marianne	0.00	2.00
Potocar, William P	2.00	1.00
Seiz, Ray	3.00	1.00
Trevino, Bobby	2.00	2.00
Zalewski, John	1.00	2.00
MAXIMUM	6.00	3.00
MINIMUM	0.00	0.50
RANGE(MAX-MIN)	6.000	2.500
MEAN	2.050	1.625
STANDARD DEVIATION	1.234	0.776

Part ID= OILSCR - VG OIL SCREEN

OILSCR Y1 Values

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

Rater	P1	P2
Avis, Steven	0.77	-0.81
Barrera, Tony	-0.85	0.48
Castillo, George	-0.85	-0.81
Clapperty, Leon	-0.85	1.77
Clare, Jamie	-0.04	-0.81
Cumberworth, Lee	-0.85	0.48
Foecking, Brian	0.77	0.48
Greenland, Paul	-0.04	-0.81
Guarda, Waldyr	3.20	1.77
Gutzwiller, Jim	-0.04	-0.81
Holland, Stephen	-0.04	-0.81
Langford, Mike	-0.04	-0.81
Lonsway, Chris	-0.04	1.77
Lopez, Frank	-0.04	0.48
Lowsky, John	0.77	-1.45
May, Marianne	-1.66	0.48
Potocar, William P	-0.04	-0.81
Seiz, Ray	0.77	-0.81
Trevino, Bobby	-0.04	0.48
Zalewski, John	-0.85	0.48
MAXIMUM	3.20	1.77
MINIMUM	-0.04	0.48
RANGE(MAX-MIN)	3.241	1.289
MEAN	0.000	0.000
STANDARD DEVIATION	1.000	1.000

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Part ID= ISMRC - ISM ROCKER COVER

Rated Values

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

Rater	TOTALS	
Avis, Steven	9.06	
Barrera, Tony	9.23	
Castillo, George	9.27	
Clapperty, Leon	9.37	
Cumberworth, Lee	9.34	
Foecking, Brian	9.42	
Greenland, Paul	9.38	
Guarda, Waldyr	9.35	
Gutzwiller, Jim	9.24	
Hill, Howard P.	9.35	
Hills, Barry	9.37	
Holland, Stephen	9.38	
Hurst, Kevin R.	9.07	
Kobrinetz, Joaquin J.	9.43	
Langford, Mike	9.37	
Lonsway, Chris	9.38	
Lopez, Frank	9.49	
Lowsky, John	9.31	
May, Marianne	9.24	
Potocar, William P	9.22	
Rodriguez, Jesus (Jesse)	9.35	
Sanchez, Arthur	9.24	
Seiz, Ray	9.27	
Trevino, Bobby	9.50	
Viera, Ralph B.	9.52	
Zalewski, John	9.26	
MAXIMUM	9.52	
MINIMUM	9.06	
RANGE(MAX-MIN)	0.460	
MEAN	9.323	
STANDARD DEVIATION	0.113	

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Part ID= ISMRC - ISM ROCKER COVER

ISMRC Yi Values

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

Rater	TOTALS	
Avis, Steven	-2.33	
Barrera, Tony	-0.83	
Castillo, George	-0.47	
Clapperty, Leon	0.41	
Cumberworth, Lee	0.15	
Foecking, Brian	0.85	
Greenland, Paul	0.50	
Guarda, Waldyr	0.23	
Gutzwiller, Jim	-0.74	
Hill, Howard P.	0.23	
Hills, Barry	0.41	
Holland, Stephen	0.50	
Hurst, Kevin R.	-2.24	
Kobrinetz, Joaquin J.	0.94	
Langford, Mike	0.41	
Lonsway, Chris	0.50	
Lopez, Frank	1.47	
Lowsky, John	-0.12	
May, Marianne	-0.74	
Potocar, William P	-0.91	
Rodriguez, Jesus (Jesse)	0.23	
Sanchez, Arthur	-0.74	
Seiz, Ray	-0.47	
Trevino, Bobby	1.56	
Viera, Ralph B.	1.74	
Zalewski, John	-0.56	
MAXIMUM	-2.33	
MINIMUM	-0.12	
RANGE(MAX-MIN)	-2.208	
MEAN	0.000	
STANDARD DEVIATION	1.000	

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Part ID= ISMOP - ISM OIL PAN

Rated Values

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

Rater	TOTALS	
Avis, Steven	9.10	
Barrera, Tony	9.23	
Castillo, George	9.20	
Clapperty, Leon	9.31	
Clare, Jamie	9.30	
Cumberworth, Lee	9.30	
Foecking, Brian	9.27	
Greenland, Paul	9.29	
Guarda, Waldyr	9.33	
Gutzwiller, Jim	9.38	
Hill, Howard P.	9.38	
Hills, Barry	9.31	
Holland, Stephen	9.30	
Hurst, Kevin R.	9.10	
Kobrinetz, Joaquin J.	9.26	
Langford, Mike	9.29	
Lonsway, Chris	9.38	
Lopez, Frank	9.31	
Lowsky, John	9.14	
May, Marianne	9.22	
Potocar, William P	9.25	
Rodriguez, Jesus (Jesse)	9.33	
Sanchez, Arthur	9.07	
Seiz, Ray	9.27	
Trevino, Bobby	9.41	
Viera, Ralph B.	9.28	
Zalewski, John	9.29	
MAXIMUM	9.41	
MINIMUM	9.07	
RANGE(MAX-MIN)	0.340	
MEAN	9.270	
STANDARD DEVIATION	0.087	

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Part ID= ISMOP - ISM OIL PAN

ISMOP Yi Values

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

Rater	TOTALS	
Avis, Steven	-1.96	
Barrera, Tony	-0.46	
Castillo, George	-0.81	
Clapperty, Leon	0.46	
Clare, Jamie	0.34	
Cumberworth, Lee	0.34	
Foecking, Brian	0.00	
Greenland, Paul	0.23	
Guarda, Waldyr	0.69	
Gutzwiller, Jim	1.26	
Hill, Howard P.	1.26	
Hills, Barry	0.46	
Holland, Stephen	0.34	
Hurst, Kevin R.	-1.96	
Kobrinetz, Joaquin J.	-0.12	
Langford, Mike	0.23	
Lonsway, Chris	1.26	
Lopez, Frank	0.46	
Lowsky, John	-1.50	
May, Marianne	-0.58	
Potocar, William P	-0.23	
Rodriguez, Jesus (Jesse)	0.69	
Sanchez, Arthur	-2.31	
Seiz, Ray	0.00	
Trevino, Bobby	1.61	
Viera, Ralph B.	0.11	
Zalewski, John	0.23	
MAXIMUM	-2.31	
MINIMUM	0.00	
RANGE(MAX-MIN)	-2.303	
MEAN	0.000	
STANDARD DEVIATION	1.000	

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= Avis, Steven

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	G4TOT	L2TOT	L3TOT	L4TOT	TGF	USTOT	L1TOT	UCTOT	SGF	TLHC	TLFC	THTOT	ATTOT	OCTOT
A1-SQUARE CUT																	
A2-KEYSTONE																	
A3-C13-STYLE																	
A4-SQUARE CUT																	
A5-SEQUENCE III																	
A6-ARTICULATED 2-PIECE	-0.16	-0.85	-0.60		-1.57	-0.83	-0.61	-0.25		-1.17	1.23	-0.74	-0.94	-0.83			0.69
A7-SEQUENCE III																	
A8-SEQUENCE III																	
B1-SQUARE CUT	0.61	-0.03	-0.26	-0.69	-0.46	-1.07	-0.54	1.50									
B2-KEYSTONE	-0.38	-0.40	-0.23		-0.73	0.15		-0.26	-0.03	-0.55	-1.39	0.36	0.00	-0.47			
B3-C13-STYLE	0.38	-0.31	-0.19		0.26	-0.48	-0.58				-0.63	-1.34					
B4-SQUARE CUT	0.56	0.23	-0.03	-0.90	1.00	-1.64	-0.94	1.71									
B5-SEQUENCE III	-0.52	-0.11	-0.68		1.37	-0.15					-0.18				-0.24	-0.75	
B6-ARTICULATED 2-PIECE	-0.10	-0.47	-0.79		-0.10	0.39	-1.04	-0.11		-0.81	-0.16	-0.55	0.00	0.00			-0.44
B7-SEQUENCE III	-0.19	-0.52	-1.36		-0.22	0.82					-0.65				-0.64	-1.13	
B8-SEQUENCE III	0.97	-0.28	-0.32		0.45	-0.65					0.49				0.32	0.66	
C1-SQUARE CUT	0.23	-0.13	-0.73	-1.02	1.04	-0.74	-0.51	-0.11									
C2-KEYSTONE																	
C3-C13-STYLE																	
C4-SQUARE CUT																	
C5-SEQUENCE III																	
C6-ARTICULATED 2-PIECE																	
C7-SEQUENCE III	-0.33	-0.35	0.11		-0.29	-0.29					-2.03				0.94	0.22	
C8-SEQUENCE III																	
CAL1A-CALIBRATION PISTON	-0.27	-0.14	-0.30		0.33	-0.30		-0.14									
CAL1B-CALIBRATION PISTON	-0.19	1.12	-0.91		0.09	0.42		0.79									
CAL1C-CALIBRATION PISTON																	
CAL1D-CALIBRATION PISTON																	
M1-CAL D4V PISTON	-0.63	-0.77	0.17		-2.80	-0.07											
N1-CAL D4V PISTON	-0.27	0.17	0.77		-0.49	-1.02											
O1-CAL D4V PISTON																	
X1-D4V PISTON																	
Y1-D4V PISTON	-0.38	0.14	0.27		-1.73	-0.10											
Z1-D4V PISTON	-0.17	-0.79	-0.73		-1.08	0.99											
MAXIMUM	0.97	1.12	-1.36	-1.02	-2.80	-1.64	-1.04	1.71	-0.03	-1.17	-2.03	-0.74	-0.94	-0.83	0.94	-1.13	0.69
MINIMUM	-0.10	-0.03	-0.03	-0.69	0.09	-0.07	-0.51	-0.11	-0.03	-0.55	-0.16	0.36	0.00	0.00	-0.24	0.22	-0.44
RANGE(MAX-MIN)	1.070	1.150	-1.330	-0.330	-2.890	-1.570	-0.530	1.820	0.000	-0.620	-1.870	-1.100	-0.940	-0.830	1.180	-1.350	1.130
MEAN	-0.049	-0.205	-0.342	-0.870	-0.290	-0.269	-0.703	0.391	-0.030	-0.790	-0.504	-0.310	-0.313	-0.433	0.095	-0.250	0.125
STANDARD DEVIATION	0.442	0.473	0.516	0.167	1.075	0.696	0.227	0.824	0.000	0.276	1.073	0.588	0.543	0.416	0.687	0.831	0.799

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= Barrera, Tony

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	G4TOT	L2TOT	L3TOT	L4TOT	TGF	USTOT	L1TOT	UCTOT	SGF	TLHC	TLFC	THTOT	ATTOT	OCTOT
A1-SQUARE CUT																	
A2-KEYSTONE																	
A3-C13-STYLE																	
A4-SQUARE CUT																	
A5-SEQUENCE III																	
A6-ARTICULATED 2-PIECE																	
A7-SEQUENCE III																	
A8-SEQUENCE III																	
B1-SQUARE CUT																	
B2-KEYSTONE																	
B3-C13-STYLE																	
B4-SQUARE CUT																	
B5-SEQUENCE III																	
B6-ARTICULATED 2-PIECE																	
B7-SEQUENCE III																	
B8-SEQUENCE III																	
C1-SQUARE CUT	0.54	-0.14	0.03	1.60	0.09	0.78	-0.13	0.99									
C2-KEYSTONE	-0.56	0.41	0.25		-0.15	0.23		-0.24	-0.41	-0.60	1.11	0.77	-1.28	0.00			
C3-C13-STYLE	-0.80	-1.34	0.28		0.05	-1.53	-0.14			-0.14	-1.06						
C4-SQUARE CUT	0.11	-0.83	-1.33	-1.05	0.23	-0.03	-0.52	-0.36									
C5-SEQUENCE III	0.53	-0.09	0.67		-0.07	0.35					-0.32				-0.77	-0.65	
C6-ARTICULATED 2-PIECE	-0.49	1.21	-0.76		0.34	-0.01	1.11	-0.70		0.65	-0.69	1.44	0.00	-0.47			1.21
C7-SEQUENCE III	0.10	-0.40	-0.64		-0.46	-0.36					-0.22				-0.89	-1.50	
C8-SEQUENCE III	-0.62	-0.26	1.65		-0.30	-0.29					1.84				0.10	-0.41	
CAL1A-CALIBRATION PISTON	0.40	-0.09	-0.14		-0.34	-0.03		0.57									
CAL1B-CALIBRATION PISTON																	
CAL1C-CALIBRATION PISTON	0.02	-0.04	-0.83		0.30	-0.42		0.34									
CAL1D-CALIBRATION PISTON																	
M1-CAL D4V PISTON																	
N1-CAL D4V PISTON	-0.42	-0.04	0.08		-0.47	-0.65											
O1-CAL D4V PISTON	-0.29	0.06	0.77		0.33	0.54											
X1-D4V PISTON	0.24	-0.32	0.23		0.28	0.64											
Y1-D4V PISTON																	
Z1-D4V PISTON																	
MAXIMUM	-0.80	-1.34	1.65	1.60	-0.47	-1.53	1.11	0.99	-0.41	0.65	1.84	1.44	-1.28	-0.47	-0.89	-1.50	1.21
MINIMUM	0.02	-0.04	0.03	-1.05	0.05	-0.01	-0.13	-0.24	-0.41	-0.14	-0.22	0.77	0.00	0.00	0.10	-0.41	1.21
RANGE(MAX-MIN)	-0.820	-1.300	1.620	2.650	-0.520	-1.520	1.240	1.230	0.000	0.790	2.060	0.670	-1.280	-0.470	-0.990	-1.090	0.000
MEAN	-0.095	-0.144	0.020	0.275	-0.013	-0.060	0.080	0.100	-0.410	-0.030	0.110	1.105	-0.640	-0.235	-0.520	-0.853	1.210
STANDARD DEVIATION	0.459	0.593	0.787	1.874	0.305	0.619	0.710	0.638	0.000	0.632	1.122	0.474	0.905	0.332	0.540	0.573	0.000

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= Castile, Kevin

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	G4TOT	L2TOT	L3TOT	L4TOT	TGF	USTOT	L1TOT	UCTOT	SGF	TLHC	TLFC	THTOT	ATTOT	OCTOT
A1-SQUARE CUT	1.71	3.26	0.32	0.30	1.98	0.62	0.40	1.47									
A2-KEystone	1.64	1.73	1.19		2.59	2.84		2.72	-0.57	-0.98	-0.96	0.68	0.00	2.53			
A3-C13-STYLE	1.15	1.05	-0.87		2.57	-0.65	-0.65			1.08	-1.14						
A4-SQUARE CUT	-0.55	2.75	1.02	0.38	1.11	0.43	1.43	1.43									
A5-SEQUENCE III	-1.50	2.11	0.88		1.23	2.80					-0.72				-0.83	-0.64	
A6-ARTICULATED 2-PIECE	2.53	-0.50	1.24		-0.72	-0.29	-0.42	2.36		1.67	-1.16	2.17	1.28	1.59			-2.37
A7-SEQUENCE III	2.57	0.44	1.48		1.53	1.94					-0.72				-0.39	-0.62	
A8-SEQUENCE III	2.34	1.90	1.01		1.44	1.75					-0.78				-0.68	-0.50	
B1-SQUARE CUT																	
B2-KEystone																	
B3-C13-STYLE																	
B4-SQUARE CUT																	
B5-SEQUENCE III																	
B6-ARTICULATED 2-PIECE																	
B7-SEQUENCE III																	
B8-SEQUENCE III																	
C1-SQUARE CUT																	
C2-KEystone																	
C3-C13-STYLE																	
C4-SQUARE CUT																	
C5-SEQUENCE III																	
C6-ARTICULATED 2-PIECE																	
C7-SEQUENCE III																	
C8-SEQUENCE III																	
CAL1A-CALIBRATION PISTON	-0.36	3.77	0.54		0.64	4.40		-3.83									
CAL1B-CALIBRATION PISTON																	
CAL1C-CALIBRATION PISTON																	
CAL1D-CALIBRATION PISTON	-0.97	0.06	2.15		-0.27	0.06		-3.00									
M1-CAL D4V PISTON																	
N1-CAL D4V PISTON	-0.80	-0.88	-1.66		0.22	-0.68											
O1-CAL D4V PISTON	0.82	-0.74	-2.80		-0.52	-1.08											
X1-D4V PISTON	-3.18	-1.20	-0.15		-1.27	0.14											
Y1-D4V PISTON																	
Z1-D4V PISTON	-1.66	-0.13	-0.46		-0.14	-0.06											
MAXIMUM	-3.18	3.77	-2.80	0.38	2.59	4.40	1.43	-3.83	-0.57	1.67	-1.16	2.17	1.28	2.53	-0.83	-0.64	-2.37
MINIMUM	-0.36	0.06	-0.15	0.30	-0.14	0.06	0.40	1.43	-0.57	-0.98	-0.72	0.68	0.00	1.59	-0.39	-0.50	-2.37
RANGE(MAX-MIN)	-2.820	3.710	-2.650	0.080	2.730	4.340	1.030	-5.260	0.000	2.650	-0.440	1.490	1.280	0.940	-0.440	-0.140	0.000
MEAN	0.267	0.973	0.278	0.340	0.742	0.873	0.190	0.192	-0.570	0.590	-0.913	1.425	0.640	2.060	-0.633	-0.587	-2.370
STANDARD DEVIATION	1.802	1.630	1.345	0.057	1.229	1.621	0.942	2.850	0.000	1.391	0.203	1.054	0.905	0.665	0.224	0.076	0.000

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= Castillo, George

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	G4TOT	L2TOT	L3TOT	L4TOT	TGF	USTOT	L1TOT	UCTOT	SGF	TLHC	TLFC	THTOT	ATTOT	OCTOT
A1-SQUARE CUT																	
A2-KEystone																	
A3-C13-STYLE																	
A4-SQUARE CUT																	
A5-SEQUENCE III																	
A6-ARTICULATED 2-PIECE																	
A7-SEQUENCE III																	
A8-SEQUENCE III																	
B1-SQUARE CUT	-0.06	0.71	2.68	0.30	-0.96	0.52	0.43	0.67									
B2-KEystone	-0.45	-0.40	-0.24		-1.22	0.17		-0.83	1.57	0.74	-0.79	-0.84	0.00	-0.47			
B3-C13-STYLE	-0.50	-0.33	-0.08		-0.51	0.53	0.58			-0.25	1.25						
B4-SQUARE CUT	-1.53	-0.05	-1.43	-2.14	-0.57	-0.56	-0.51	-0.49									
B5-SEQUENCE III	-0.60	-0.48	0.01		-1.89	0.13					0.30				-0.22	-0.75	
B6-ARTICULATED 2-PIECE	-0.11	-0.13	0.22		-0.11	0.28	-0.49	-0.73		-0.11	-0.16	-0.55	0.00	0.00			-0.44
B7-SEQUENCE III	0.23	-0.52	0.32		-1.01	-0.09					0.23				-0.86	-0.76	
B8-SEQUENCE III	0.24	-0.46	-0.25		-1.61	-0.47					0.30				0.19	-1.28	
C1-SQUARE CUT																	
C2-KEystone																	
C3-C13-STYLE																	
C4-SQUARE CUT																	
C5-SEQUENCE III																	
C6-ARTICULATED 2-PIECE																	
C7-SEQUENCE III																	
C8-SEQUENCE III																	
CAL1A-CALIBRATION PISTON																	
CAL1B-CALIBRATION PISTON	-0.83	-0.32	-0.72		-0.15	0.16		-0.16									
CAL1C-CALIBRATION PISTON	-0.32	-0.42	-0.73		-1.16	-0.40		-0.29									
CAL1D-CALIBRATION PISTON																	
M1-CAL D4V PISTON																	
N1-CAL D4V PISTON																	
O1-CAL D4V PISTON																	
X1-D4V PISTON																	
Y1-D4V PISTON																	
Z1-D4V PISTON																	
MAXIMUM	-1.53	0.71	2.68	-2.14	-1.89	-0.56	0.58	-0.83	1.57	0.74	1.25	-0.84	0.00	-0.47	-0.86	-1.28	-0.44
MINIMUM	-0.06	-0.05	0.01	0.30	-0.11	-0.09	0.43	-0.16	1.57	-0.11	-0.16	-0.55	0.00	0.00	0.19	-0.75	-0.44
RANGE(MAX-MIN)	-1.470	0.760	2.670	-2.440	-1.780	-0.470	0.150	-0.670	0.000	0.850	1.410	-0.290	0.000	-0.470	-1.050	-0.530	0.000
MEAN	-0.393	-0.240	-0.022	-0.920	-0.919	0.027	0.003	-0.305	1.570	0.127	0.188	-0.695	0.000	-0.235	-0.297	-0.930	-0.440
STANDARD DEVIATION	0.530	0.366	1.083	1.725	0.588	0.394	0.584	0.541	0.000	0.536	0.668	0.205	0.000	0.332	0.529	0.303	0.000

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= Chao, Kenneth

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	G4TOT	L2TOT	L3TOT	L4TOT	TGF	USTOT	L1TOT	UCTOT	SGF	TLHC	TLFC	THTOT	ATTOT	OCTOT
A1-SQUARE CUT																	
A2-KEYSTONE																	
A3-C13-STYLE																	
A4-SQUARE CUT																	
A5-SEQUENCE III																	
A6-ARTICULATED 2-PIECE																	
A7-SEQUENCE III																	
A8-SEQUENCE III																	
B1-SQUARE CUT																	
B2-KEYSTONE																	
B3-C13-STYLE																	
B4-SQUARE CUT																	
B5-SEQUENCE III																	
B6-ARTICULATED 2-PIECE																	
B7-SEQUENCE III																	
B8-SEQUENCE III																	
C1-SQUARE CUT	-1.71	-1.29	1.97	-1.02	-2.57	1.14	2.26	-1.21									
C2-KEYSTONE	-1.71	-1.15	-0.23		3.16	-0.64		-0.81	0.82	-0.87	1.56	-1.95	2.05	0.00			
C3-C13-STYLE	0.74	-1.57	-0.88		0.66	-0.89	-0.14			-1.26	-0.77						
C4-SQUARE CUT	-0.29	-0.66	-1.33	-1.05	-2.28	3.09	0.61	0.30									
C5-SEQUENCE III	-1.45	-0.54	-0.11		1.37	-0.46					-0.56				-0.95	-1.32	
C6-ARTICULATED 2-PIECE	-0.89	-2.41	-0.79		-1.79	-1.19	-1.41	-1.01		-1.31	0.68	-1.76	0.00	-0.47			-0.66
C7-SEQUENCE III	-1.13	2.89	-1.03		3.20	3.31					1.23				-0.75	-1.24	
C8-SEQUENCE III	-1.23	-0.31	0.14		3.10	3.17					-0.67				-0.79	-0.79	
CAL1A-CALIBRATION PISTON																	
CAL1B-CALIBRATION PISTON	0.77	-1.36	-0.44		0.46	-1.21		-4.03									
CAL1C-CALIBRATION PISTON																	
CAL1D-CALIBRATION PISTON	-3.06	-1.66	-1.67		-1.11	-0.47		-1.46									
M1-CAL D4V PISTON	2.48	2.35	0.35		0.26	0.15											
N1-CAL D4V PISTON																	
O1-CAL D4V PISTON	3.67	3.54	0.95		1.84	1.11											
X1-D4V PISTON	-0.08	2.18	1.26		-1.89	1.02											
Y1-D4V PISTON	-0.10	-0.17	0.80		-1.53	-0.19											
Z1-D4V PISTON																	
MAXIMUM	3.67	3.54	1.97	-1.05	3.20	3.31	2.26	-4.03	0.82	-1.31	1.56	-1.95	2.05	-0.47	-0.95	-1.32	-0.66
MINIMUM	-0.08	-0.17	-0.11	-1.02	0.26	0.15	-0.14	0.30	0.82	-0.87	-0.56	-1.76	0.00	0.00	-0.75	-0.79	-0.66
RANGE(MAX-MIN)	3.750	3.710	2.080	-0.030	2.940	3.160	2.400	-4.330	0.000	-0.440	2.120	-0.190	2.050	-0.470	-0.200	-0.530	0.000
MEAN	-0.285	-0.011	-0.072	-1.035	0.206	0.567	0.330	-1.370	0.820	-1.147	0.245	-1.855	1.025	-0.235	-0.830	-1.117	-0.660
STANDARD DEVIATION	1.768	1.919	1.051	0.021	2.101	1.622	1.533	1.438	0.000	0.241	1.040	0.134	1.450	0.332	0.106	0.286	0.000

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= Clapperty, Leon

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	G4TOT	L2TOT	L3TOT	L4TOT	TGF	USTOT	L1TOT	UCTOT	SGF	TLHC	TLFC	THTOT	ATTOT	OCTOT
A1-SQUARE CUT	-0.34	-0.29	-0.49	-0.05	-0.92	-1.35	-1.51	0.29									
A2-KEystone	-0.50	-1.15	-0.50		-0.56	-0.34		-0.47	-0.55	-0.56	-0.58	-0.80	0.00	-0.51			
A3-C13-STYLE																	
A4-SQUARE CUT	-0.98	-0.80	-0.12	-0.28	-0.83	-1.00	-1.27	0.05									
A5-SEQUENCE III																	
A6-ARTICULATED 2-PIECE	-0.51	-0.18	-1.26		-0.49	-1.25	-0.82	-0.06		-2.06	0.17	-0.74	-1.86	-0.83			0.10
A7-SEQUENCE III																	
A8-SEQUENCE III																	
B1-SQUARE CUT																	
B2-KEystone																	
B3-C13-STYLE																	
B4-SQUARE CUT																	
B5-SEQUENCE III																	
B6-ARTICULATED 2-PIECE																	
B7-SEQUENCE III																	
B8-SEQUENCE III																	
C1-SQUARE CUT	-0.29	-1.13	-0.41	1.20	-0.64	-1.30	-0.60	-0.66									
C2-KEystone																	
C3-C13-STYLE																	
C4-SQUARE CUT																	
C5-SEQUENCE III																	
C6-ARTICULATED 2-PIECE																	
C7-SEQUENCE III																	
C8-SEQUENCE III																	
CAL1A-CALIBRATION PISTON																	
CAL1B-CALIBRATION PISTON																	
CAL1C-CALIBRATION PISTON	-0.23	0.64	0.19		-0.12	-0.63		-0.50									
CAL1D-CALIBRATION PISTON	-0.82	-0.11	-1.00		-0.43	-1.11		0.84									
M1-CAL D4V PISTON																	
N1-CAL D4V PISTON																	
O1-CAL D4V PISTON																	
X1-D4V PISTON																	
Y1-D4V PISTON																	
Z1-D4V PISTON																	
MAXIMUM	-0.98	-1.15	-1.26	1.20	-0.92	-1.35	-1.51	0.84	-0.55	-2.06	-0.58	-0.80	-1.86	-0.83			0.10
MINIMUM	-0.23	-0.11	-0.12	-0.05	-0.12	-0.34	-0.60	0.05	-0.55	-0.56	0.17	-0.74	0.00	-0.51			0.10
RANGE(MAX-MIN)	-0.750	-1.040	-1.140	1.250	-0.800	-1.010	-0.910	0.790	0.000	-1.500	-0.750	-0.060	-1.860	-0.320			0.000
MEAN	-0.524	-0.431	-0.513	0.290	-0.570	-0.997	-1.050	-0.073	-0.550	-1.310	-0.205	-0.770	-0.930	-0.670			0.100
STANDARD DEVIATION	0.280	0.642	0.492	0.796	0.266	0.378	0.414	0.527	0.000	1.061	0.530	0.042	1.315	0.226			0.000

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= Clare, Jamie

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	G4TOT	L2TOT	L3TOT	L4TOT	TGF	USTOT	L1TOT	UCTOT	SGF	TLHC	TLFC	THTOT	ATTOT	OCTOT
A1-SQUARE CUT																	
A2-KEYSTONE																	
A3-C13-STYLE																	
A4-SQUARE CUT																	
A5-SEQUENCE III																	
A6-ARTICULATED 2-PIECE																	
A7-SEQUENCE III																	
A8-SEQUENCE III																	
B1-SQUARE CUT	-0.35	-1.45	0.11	0.43	1.42	0.75	1.87	-1.01									
B2-KEYSTONE	-0.59	-0.40	-0.29		-0.68	-1.21		-0.42	-0.46	-1.42	-1.09	-0.36	0.00	-0.47			
B3-C13-STYLE	0.10	-0.62	-0.62		-0.15	-1.70	-1.77			-1.13	0.02						
B4-SQUARE CUT	-1.64	2.23	1.54	0.34	-0.27	0.10	-0.23	-1.01									
B5-SEQUENCE III	-1.81	-0.14	0.15		-0.46	-1.52					-0.36				-0.61	-0.75	
B6-ARTICULATED 2-PIECE	-2.22	-1.68	-2.32		-1.65	-1.24	-0.74	-0.11		-1.26	-0.61	-0.55	0.00	0.00			-0.75
B7-SEQUENCE III	-1.84	-0.52	-0.19		-0.51	1.34					-1.13				0.88	0.77	
B8-SEQUENCE III	-1.04	-0.68	1.54		-0.34	1.88					-1.70				-1.31	1.10	
C1-SQUARE CUT																	
C2-KEYSTONE																	
C3-C13-STYLE																	
C4-SQUARE CUT																	
C5-SEQUENCE III																	
C6-ARTICULATED 2-PIECE																	
C7-SEQUENCE III																	
C8-SEQUENCE III																	
CAL1A-CALIBRATION PISTON	-0.30	-0.60	-0.30		-1.56	-0.69		0.46									
CAL1B-CALIBRATION PISTON	0.54	0.06	-0.91		-1.08	-3.10		-0.32									
CAL1C-CALIBRATION PISTON																	
CAL1D-CALIBRATION PISTON																	
M1-CAL D4V PISTON	-0.74	0.61	0.28		0.76	0.51											
N1-CAL D4V PISTON	-1.45	-1.77	-1.41		-0.11	1.54											
O1-CAL D4V PISTON																	
X1-D4V PISTON																	
Y1-D4V PISTON																	
Z1-D4V PISTON																	
MAXIMUM	-2.22	2.23	-2.32	0.43	-1.65	-3.10	1.87	-1.01	-0.46	-1.42	-1.70	-0.55	0.00	-0.47	-1.31	1.10	-0.75
MINIMUM	0.10	0.06	0.11	0.34	-0.11	0.10	-0.23	-0.11	-0.46	-1.13	0.02	-0.36	0.00	0.00	-0.61	-0.75	-0.75
RANGE(MAX-MIN)	-2.320	2.170	-2.430	0.090	-1.540	-3.200	2.100	-0.900	0.000	-0.290	-1.720	-0.190	0.000	-0.470	-0.700	1.850	0.000
MEAN	-0.945	-0.413	-0.202	0.385	-0.386	-0.278	-0.218	-0.402	-0.460	-1.270	-0.812	-0.455	0.000	-0.235	-0.347	0.373	-0.750
STANDARD DEVIATION	0.861	1.088	1.094	0.064	0.868	1.534	1.532	0.561	0.000	0.145	0.617	0.134	0.000	0.332	1.118	0.987	0.000

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= Cumberworth, Lee

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	G4TOT	L2TOT	L3TOT	L4TOT	TGF	USTOT	L1TOT	UCTOT	SGF	TLHC	TLFC	THTOT	ATTOT	OCTOT
A1-SQUARE CUT	-0.82	0.04	-0.46	-0.69	-0.77	-0.53	-0.50	-0.75									
A2-KEystone																	
A3-C13-STYLE																	
A4-SQUARE CUT																	
A5-SEQUENCE III																	
A6-ARTICULATED 2-PIECE																	
A7-SEQUENCE III																	
A8-SEQUENCE III																	
B1-SQUARE CUT	0.39	0.37	-0.42	-0.56	-0.45	-0.11	0.86	0.04									
B2-KEystone																	
B3-C13-STYLE																	
B4-SQUARE CUT																	
B5-SEQUENCE III																	
B6-ARTICULATED 2-PIECE																	
B7-SEQUENCE III																	
B8-SEQUENCE III																	
C1-SQUARE CUT	0.07	0.09	-0.62	-1.02	0.80	-0.67	-0.70	-0.11									
C2-KEystone	-0.65	0.41	-0.08		-0.69	-0.92		-1.38	-0.41	1.12	0.55	0.40	-0.17	1.73			
C3-C13-STYLE																	
C4-SQUARE CUT	-1.84	1.47	-0.44	-1.05	-0.67	-0.57	0.36	-1.86									
C5-SEQUENCE III																	
C6-ARTICULATED 2-PIECE																	
C7-SEQUENCE III																	
C8-SEQUENCE III	1.63	-0.31	-0.69		-0.59	-0.29					-0.70				-0.75	-0.41	
CAL1A-CALIBRATION PISTON	-2.23	0.49	-0.28		0.37	-0.10		0.52									
CAL1B-CALIBRATION PISTON																	
CAL1C-CALIBRATION PISTON	1.65	0.16	0.21		-0.08	0.19		-0.71									
CAL1D-CALIBRATION PISTON																	
M1-CAL D4V PISTON	-0.63	0.60	0.26		1.10	0.58											
N1-CAL D4V PISTON																	
O1-CAL D4V PISTON	-0.16	-0.10	-0.47		0.50	0.70											
X1-D4V PISTON	0.08	0.93	-1.38		1.72	-1.38											
Y1-D4V PISTON	-0.48	0.24	-1.24		1.11	-0.47											
Z1-D4V PISTON																	
MAXIMUM	-2.23	1.47	-1.38	-1.05	1.72	-1.38	0.86	-1.86	-0.41	1.12	-0.70	0.40	-0.17	1.73	-0.75	-0.41	
MINIMUM	0.07	0.04	-0.08	-0.56	-0.08	-0.10	0.36	0.04	-0.41	1.12	0.55	0.40	-0.17	1.73	-0.75	-0.41	
RANGE(MAX-MIN)	-2.300	1.430	-1.300	-0.490	1.800	-1.280	0.500	-1.900	0.000	0.000	-1.250	0.000	0.000	0.000	0.000	0.000	
MEAN	-0.249	0.366	-0.468	-0.830	0.196	-0.298	0.005	-0.607	-0.410	1.120	-0.075	0.400	-0.170	1.730	-0.750	-0.410	
STANDARD DEVIATION	1.164	0.479	0.493	0.243	0.855	0.598	0.732	0.830	0.000	0.000	0.884	0.000	0.000	0.000	0.000	0.000	

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= Foecking, Brian

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	G4TOT	L2TOT	L3TOT	L4TOT	TGF	USTOT	L1TOT	UCTOT	SGF	TLHC	TLFC	THTOT	ATTOT	OCTOT	
A1-SQUARE CUT	-1.05	-0.44	-1.04	-1.04	-0.57	-0.49	-0.73	-0.36										
A2-KEystone	-0.38	-0.57	-1.14		-0.66	-0.35		-0.58	-0.62	-1.23	0.08	-1.22	0.00	0.25				
A3-C13-STYLE	0.15	-0.88	-0.02		-0.18	-0.38	-0.44			0.20	0.93							
A4-SQUARE CUT	-0.38	-0.54	-0.85	-0.05	-0.48	-0.21	-0.15	-0.59										
A5-SEQUENCE III	-0.74	-0.77	-0.56		-0.54	-0.37					-0.33				-0.22	-0.33		
A6-ARTICULATED 2-PIECE	-0.90	-0.30	0.00		-0.61	0.78	0.18	-1.03		-0.49	0.10	-0.74	0.35	-0.56			-0.75	
A7-SEQUENCE III	-0.31	-0.44	-0.56		-1.21	-0.62					-0.27				-0.23	-0.28		
A8-SEQUENCE III	-1.21	-0.46	-0.83		-0.72	-0.46					-0.45				-0.37	-0.24		
B1-SQUARE CUT																		
B2-KEYSTONE																		
B3-C13-STYLE																		
B4-SQUARE CUT																		
B5-SEQUENCE III																		
B6-ARTICULATED 2-PIECE																		
B7-SEQUENCE III																		
B8-SEQUENCE III																		
C1-SQUARE CUT																		
C2-KEYSTONE																		
C3-C13-STYLE																		
C4-SQUARE CUT																		
C5-SEQUENCE III																		
C6-ARTICULATED 2-PIECE																		
C7-SEQUENCE III																		
C8-SEQUENCE III																		
CAL1A-CALIBRATION PISTON	-0.67	0.51	-0.30		0.00	-0.15		0.57										
CAL1B-CALIBRATION PISTON																		
CAL1C-CALIBRATION PISTON																		
CAL1D-CALIBRATION PISTON	-0.61	0.14	0.02		-0.32	-0.08		-0.01										
M1-CAL D4V PISTON																		
N1-CAL D4V PISTON	0.73	-0.04	-0.08		-0.47	-1.09												
O1-CAL D4V PISTON	-0.21	0.46	0.50		0.57	0.90												
X1-D4V PISTON	1.03	0.68	-0.95		-0.03	-0.45												
Y1-D4V PISTON																		
Z1-D4V PISTON	0.64	0.43	-0.95		-0.29	-0.48												
MAXIMUM	-1.21	-0.88	-1.14	-1.04	-1.21	-1.09	-0.73	-1.03	-0.62	-1.23	0.93	-1.22	0.35	-0.56	-0.37	-0.33	-0.75	
MINIMUM	0.15	-0.04	0.00	-0.05	0.00	-0.08	-0.15	-0.01	-0.62	0.20	0.08	-0.74	0.00	0.25	-0.22	-0.24	-0.75	
RANGE(MAX-MIN)	-1.360	-0.840	-1.140	-0.990	-1.210	-1.010	-0.580	-1.020	0.000	-1.430	0.850	-0.480	0.350	-0.810	-0.150	-0.090	0.000	
MEAN	-0.279	-0.159	-0.483	-0.545	-0.394	-0.246	-0.285	-0.333	-0.620	-0.507	0.010	-0.980	0.175	-0.155	-0.273	-0.283	-0.750	
STANDARD DEVIATION	0.685	0.516	0.504	0.700	0.415	0.519	0.390	0.554	0.000	0.715	0.503	0.339	0.247	0.573	0.084	0.045	0.000	

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= Fujita, Hirokazu

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	G4TOT	L2TOT	L3TOT	L4TOT	TGF	USTOT	L1TOT	UCTOT	SGF	TLHC	TLFC	THTOT	ATTOT	OCTOT
A1-SQUARE CUT																	
A2-KEYSTONE																	
A3-C13-STYLE																	
A4-SQUARE CUT																	
A5-SEQUENCE III																	
A6-ARTICULATED 2-PIECE																	
A7-SEQUENCE III																	
A8-SEQUENCE III																	
B1-SQUARE CUT	0.90	0.05	1.26	2.41	-0.12	1.43	0.69	0.46									
B2-KEYSTONE	3.00	3.26	3.47		1.78	2.12		2.87	2.06	0.08	0.51	1.80	0.00	0.04			
B3-C13-STYLE	0.88	3.22	3.29		1.82	1.31	1.35			0.05	1.12						
B4-SQUARE CUT	1.63	2.39	2.32	0.65	-0.48	-0.32	1.54	1.74									
B5-SEQUENCE III	0.94	-0.78	3.14		1.03	1.42					0.28				0.55	2.65	
B6-ARTICULATED 2-PIECE	1.06	0.03	0.35		1.30	-2.21	-1.56	1.30		0.05	-0.19	0.25	0.00	0.00			2.05
B7-SEQUENCE III	1.54	-0.52	2.31		1.89	0.15					1.06				2.61	2.31	
B8-SEQUENCE III	2.29	-0.18	1.93		2.46	1.42					0.25				1.39	-0.38	
C1-SQUARE CUT																	
C2-KEYSTONE																	
C3-C13-STYLE																	
C4-SQUARE CUT																	
C5-SEQUENCE III																	
C6-ARTICULATED 2-PIECE																	
C7-SEQUENCE III																	
C8-SEQUENCE III																	
CAL1A-CALIBRATION PISTON																	
CAL1B-CALIBRATION PISTON	0.77	-0.70	0.02		-2.16	-0.08		0.75									
CAL1C-CALIBRATION PISTON																	
CAL1D-CALIBRATION PISTON																	
M1-CAL D4V PISTON																	
N1-CAL D4V PISTON																	
O1-CAL D4V PISTON																	
X1-D4V PISTON																	
Y1-D4V PISTON																	
Z1-D4V PISTON																	
MAXIMUM	3.00	3.26	3.47	2.41	2.46	-2.21	-1.56	2.87	2.06	0.08	1.12	1.80	0.00	0.04	2.61	2.65	2.05
MINIMUM	0.77	0.03	0.02	0.65	-0.12	-0.08	0.69	0.46	2.06	0.05	-0.19	0.25	0.00	0.00	0.55	-0.38	2.05
RANGE(MAX-MIN)	2.230	3.230	3.450	1.760	2.580	-2.130	-2.250	2.410	0.000	0.030	1.310	1.550	0.000	0.040	2.060	3.030	0.000
MEAN	1.446	0.752	2.010	1.530	0.836	0.582	0.505	1.424	2.060	0.060	0.505	1.025	0.000	0.020	1.517	1.527	2.050
STANDARD DEVIATION	0.762	1.696	1.251	1.245	1.478	1.335	1.424	0.947	0.000	0.017	0.507	1.096	0.000	0.028	1.036	1.660	0.000

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= Greenland, Paul

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	G4TOT	L2TOT	L3TOT	L4TOT	TGF	USTOT	L1TOT	UCTOT	SGF	TLHC	TLFC	THTOT	ATTOT	OCTOT	
A1-SQUARE CUT																		
A2-KEYSTONE																		
A3-C13-STYLE																		
A4-SQUARE CUT																		
A5-SEQUENCE III																		
A6-ARTICULATED 2-PIECE																		
A7-SEQUENCE III																		
A8-SEQUENCE III																		
B1-SQUARE CUT																		
B2-KEYSTONE																		
B3-C13-STYLE																		
B4-SQUARE CUT																		
B5-SEQUENCE III																		
B6-ARTICULATED 2-PIECE																		
B7-SEQUENCE III																		
B8-SEQUENCE III																		
C1-SQUARE CUT	0.54	0.55	0.35	1.00	-0.88	0.61	0.62	-0.66										
C2-KEYSTONE	1.80	0.60	-0.23		0.19	0.08		1.47	0.33	-0.57	0.80	1.62	0.94	-0.87				
C3-C13-STYLE	-1.34	0.37	-0.46		0.17	0.02	1.29			1.00	0.06							
C4-SQUARE CUT	-0.07	-0.20	-0.44	-0.47	-0.19	-0.03	0.61	-0.20										
C5-SEQUENCE III	-0.71	-0.09	-0.22		-0.96	0.54					-0.43				0.18	0.75		
C6-ARTICULATED 2-PIECE	0.80	0.13	0.31		0.12	1.14	1.83	0.48		-0.17	-1.33	0.24	0.00	-0.47			-0.71	
C7-SEQUENCE III	-0.36	-0.35	-0.81		-0.21	-0.18					0.36				1.03	0.89		
C8-SEQUENCE III	-0.07	-0.31	0.35		-0.21	-0.29					1.99				1.93	-0.04		
CAL1A-CALIBRATION PISTON																		
CAL1B-CALIBRATION PISTON	0.12	-0.37	0.02		-0.33	1.27		-0.24										
CAL1C-CALIBRATION PISTON																		
CAL1D-CALIBRATION PISTON	0.43	-0.18	-0.12		-0.55	0.30		0.08										
M1-CAL D4V PISTON	-0.67	0.07	0.35		1.16	0.86												
N1-CAL D4V PISTON																		
O1-CAL D4V PISTON	-0.67	-0.32	0.77		0.18	1.11												
X1-D4V PISTON																		
Y1-D4V PISTON																		
Z1-D4V PISTON																		
MAXIMUM	1.80	0.60	-0.81	1.00	1.16	1.27	1.83	1.47	0.33	1.00	1.99	1.62	0.94	-0.87	1.93	0.89	-0.71	
MINIMUM	-0.07	0.07	0.02	-0.47	0.12	0.02	0.61	0.08	0.33	-0.17	0.06	0.24	0.00	-0.47	0.18	-0.04	-0.71	
RANGE(MAX-MIN)	1.870	0.530	-0.830	1.470	1.040	1.250	1.220	1.390	0.000	1.170	1.930	1.380	0.940	-0.400	1.750	0.930	0.000	
MEAN	-0.017	-0.008	-0.011	0.265	-0.126	0.453	1.088	0.155	0.330	0.087	0.242	0.930	0.470	-0.670	1.047	0.533	-0.710	
STANDARD DEVIATION	0.837	0.351	0.451	1.039	0.564	0.548	0.588	0.747	0.000	0.816	1.126	0.976	0.665	0.283	0.875	0.501	0.000	

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= Guarda, Waldyr

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	G4TOT	L2TOT	L3TOT	L4TOT	TGF	USTOT	L1TOT	UCTOT	SGF	TLHC	TLFC	THTOT	ATTOT	OCTOT	
A1-SQUARE CUT	-1.76	-0.22	-0.54	-0.43	-0.71	0.26	-0.07	0.16										
A2-KEystone	-0.72	1.31	-0.95		-0.26	-0.28		0.32	0.34	0.60	1.68	1.42	0.00	-0.51				
A3-C13-STYLE	0.16	1.06	0.59		-0.16	0.46	-0.05			0.14	0.04							
A4-SQUARE CUT	-0.68	-0.70	-0.29	0.05	-0.50	-0.22	-0.43	0.48										
A5-SEQUENCE III	1.94	0.51	-0.03		-1.50	-0.29					1.51				0.20	0.70		
A6-ARTICULATED 2-PIECE	1.01	0.05	0.93		1.33	0.91	1.25	1.27		0.01	0.35	0.88	-1.13	-0.02			0.01	
A7-SEQUENCE III	-0.51	-0.37	-0.11		-1.12	-0.26					1.09				-0.29	0.69		
A8-SEQUENCE III	-0.69	-0.40	-0.47		-1.09	-0.53					0.49				0.24	0.21		
B1-SQUARE CUT																		
B2-KEYSTONE																		
B3-C13-STYLE																		
B4-SQUARE CUT																		
B5-SEQUENCE III																		
B6-ARTICULATED 2-PIECE																		
B7-SEQUENCE III																		
B8-SEQUENCE III																		
C1-SQUARE CUT																		
C2-KEYSTONE																		
C3-C13-STYLE																		
C4-SQUARE CUT																		
C5-SEQUENCE III																		
C6-ARTICULATED 2-PIECE																		
C7-SEQUENCE III																		
C8-SEQUENCE III																		
CAL1A-CALIBRATION PISTON																		
CAL1B-CALIBRATION PISTON																		
CAL1C-CALIBRATION PISTON	-0.35	-0.32	-0.93		0.52	-0.27		2.03										
CAL1D-CALIBRATION PISTON	-0.20	-0.29	-0.77		-0.47	0.00		0.76										
M1-CAL D4V PISTON																		
N1-CAL D4V PISTON	-0.30	0.28	0.46		-0.41	-1.04												
O1-CAL D4V PISTON	-0.38	-1.12	0.50		-1.16	-1.70												
X1-D4V PISTON	0.00	-0.20	0.22		0.41	-0.29												
Y1-D4V PISTON	-0.70	-0.89	-0.66		-0.08	-0.05												
Z1-D4V PISTON																		
MAXIMUM	1.94	1.31	-0.95	-0.43	-1.50	-1.70	1.25	2.03	0.34	0.60	1.68	1.42	-1.13	-0.51	-0.29	0.70	0.01	
MINIMUM	0.00	0.05	-0.03	0.05	-0.08	0.00	-0.05	0.16	0.34	0.01	0.04	0.88	0.00	-0.02	0.20	0.21	0.01	
RANGE(MAX-MIN)	1.940	1.260	-0.920	-0.480	-1.420	-1.700	1.300	1.870	0.000	0.590	1.640	0.540	-1.130	-0.490	-0.490	0.490	0.000	
MEAN	-0.227	-0.093	-0.146	-0.190	-0.371	-0.236	0.175	0.837	0.340	0.250	0.860	1.150	-0.565	-0.265	0.050	0.533	0.010	
STANDARD DEVIATION	0.868	0.689	0.609	0.339	0.762	0.621	0.738	0.703	0.000	0.310	0.666	0.382	0.799	0.346	0.295	0.280	0.000	

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= Gutzwiller, Jim

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	G4TOT	L2TOT	L3TOT	L4TOT	TGF	USTOT	L1TOT	UCTOT	SGF	TLHC	TLFC	THTOT	ATTOT	OCTOT
A1-SQUARE CUT																	
A2-KEYSTONE																	
A3-C13-STYLE																	
A4-SQUARE CUT																	
A5-SEQUENCE III																	
A6-ARTICULATED 2-PIECE																	
A7-SEQUENCE III																	
A8-SEQUENCE III																	
B1-SQUARE CUT	0.75	0.75	0.33	-0.82	-0.54	-0.14	-0.58	0.67									
B2-KEYSTONE	1.44	0.58	-0.21		2.00	0.74		-0.26	-0.09	-0.41	0.37	-1.20	0.00	-0.47			
B3-C13-STYLE	1.00	-0.21	-0.25		0.55	-0.12	0.11			-0.23	-0.26						
B4-SQUARE CUT	1.08	-0.74	-0.81	-0.74	-0.76	1.84	2.30	-0.24									
B5-SEQUENCE III	-1.11	0.34	0.29		1.41	-1.92					-0.50				0.30	1.29	
B6-ARTICULATED 2-PIECE	0.94	0.05	1.00		0.27	1.73	1.75	-0.73		-0.45	-0.40	-0.55	0.00	0.00			1.21
B7-SEQUENCE III																	
B8-SEQUENCE III																	
C1-SQUARE CUT																	
C2-KEYSTONE																	
C3-C13-STYLE																	
C4-SQUARE CUT																	
C5-SEQUENCE III																	
C6-ARTICULATED 2-PIECE																	
C7-SEQUENCE III																	
C8-SEQUENCE III																	
CAL1A-CALIBRATION PISTON	0.63	-0.67	-0.27		-0.57	0.03		0.79									
CAL1B-CALIBRATION PISTON	0.77	2.06	0.11		1.09	1.03		0.24									
CAL1C-CALIBRATION PISTON	0.93	-1.10	-0.60		-0.25	0.03		0.97									
CAL1D-CALIBRATION PISTON																	
M1-CAL D4V PISTON																	
N1-CAL D4V PISTON																	
O1-CAL D4V PISTON																	
X1-D4V PISTON																	
Y1-D4V PISTON																	
Z1-D4V PISTON																	
MAXIMUM	1.44	2.06	1.00	-0.82	2.00	-1.92	2.30	0.97	-0.09	-0.45	-0.50	-1.20	0.00	-0.47	0.30	1.29	1.21
MINIMUM	0.63	0.05	0.11	-0.74	-0.25	0.03	0.11	-0.24	-0.09	-0.23	-0.26	-0.55	0.00	0.00	0.30	1.29	1.21
RANGE(MAX-MIN)	0.810	2.010	0.890	-0.080	2.250	-1.950	2.190	1.210	0.000	-0.220	-0.240	-0.650	0.000	-0.470	0.000	0.000	0.000
MEAN	0.714	0.118	-0.046	-0.780	0.356	0.358	0.895	0.206	-0.090	-0.363	-0.198	-0.875	0.000	-0.235	0.300	1.290	1.210
STANDARD DEVIATION	0.723	0.961	0.546	0.057	0.979	1.149	1.354	0.637	0.000	0.117	0.391	0.460	0.000	0.332	0.000	0.000	0.000

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= Hill, Howard P.

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	G4TOT	L2TOT	L3TOT	L4TOT	TGF	USTOT	L1TOT	UCTOT	SGF	TLHC	TLFC	THTOT	ATTOT	OCTOT
A1-SQUARE CUT	-0.46	-0.51	1.46	-0.43	-0.48	-0.64	-1.01	0.82									
A2-KEYSTONE																	
A3-C13-STYLE	0.43	-0.82	0.35		-0.27	-0.44	-0.13			0.21	-0.04						
A4-SQUARE CUT																	
A5-SEQUENCE III																	
A6-ARTICULATED 2-PIECE																	
A7-SEQUENCE III																	
A8-SEQUENCE III																	
B1-SQUARE CUT																	
B2-KEYSTONE																	
B3-C13-STYLE																	
B4-SQUARE CUT																	
B5-SEQUENCE III																	
B6-ARTICULATED 2-PIECE																	
B7-SEQUENCE III																	
B8-SEQUENCE III																	
C1-SQUARE CUT	-1.13	-1.02	-0.77	-1.02	-0.46	0.90	1.73	-1.21									
C2-KEYSTONE	-0.19	0.41	2.53		0.23	2.26		0.56	-0.53	1.94	0.87	1.24	0.94	-0.87			
C3-C13-STYLE	-0.75	-0.59	0.83		-0.78	0.19	-1.59			-0.18	0.13						
C4-SQUARE CUT	-0.48	-0.43	1.81	1.26	0.88	-0.26	-1.27	-0.03									
C5-SEQUENCE III	-0.67	-2.20	0.55		1.23	-2.51					-0.31				1.90	1.88	
C6-ARTICULATED 2-PIECE	0.96	-0.28	-0.18		-0.20	0.64	-0.75	0.66		-0.37	0.26	0.64	-2.12	-0.47			1.46
C7-SEQUENCE III	-0.72	-0.62	2.74		-0.14	-0.36					-0.24				1.92	1.69	
C8-SEQUENCE III	-1.03	-0.48	0.24		-0.21	-0.37					-0.14				0.02	-0.71	
CAL1A-CALIBRATION PISTON	0.02	-0.88	-0.30		0.14	-0.15		-0.14									
CAL1B-CALIBRATION PISTON																	
CAL1C-CALIBRATION PISTON	-0.52	-0.80	2.04		-1.20	-0.24		0.76									
CAL1D-CALIBRATION PISTON																	
M1-CAL D4V PISTON																	
N1-CAL D4V PISTON																	
O1-CAL D4V PISTON	-0.28	0.16	-1.79		-0.38	-1.86											
X1-D4V PISTON	-0.08	-0.95	0.24		1.56	-1.89											
Y1-D4V PISTON	0.47	0.65	-0.73		-0.11	0.03											
Z1-D4V PISTON	-0.25	1.32	-0.11		1.39	-0.50											
MAXIMUM	-1.13	-2.20	2.74	1.26	1.56	-2.51	1.73	-1.21	-0.53	1.94	0.87	1.24	-2.12	-0.87	1.92	1.88	1.46
MINIMUM	0.02	0.16	-0.11	-0.43	-0.11	0.03	-0.13	-0.03	-0.53	-0.18	-0.04	0.64	0.94	-0.47	0.02	-0.71	1.46
RANGE(MAX-MIN)	-1.150	-2.360	2.850	1.690	1.670	-2.540	1.860	-1.180	0.000	2.120	0.910	0.600	-3.060	-0.400	1.900	2.590	0.000
MEAN	-0.293	-0.440	0.557	-0.063	0.075	-0.325	-0.503	0.203	-0.530	0.400	0.076	0.940	-0.590	-0.670	1.280	0.953	1.460
STANDARD DEVIATION	0.561	0.801	1.270	1.183	0.794	1.134	1.201	0.730	0.000	1.055	0.403	0.424	2.164	0.283	1.091	1.444	0.000

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= Hills, Barry

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	G4TOT	L2TOT	L3TOT	L4TOT	TGF	USTOT	L1TOT	UCTOT	SGF	TLHC	TLFC	THTOT	ATTOT	OCTOT	
A1-SQUARE CUT	0.25	-0.23	-0.54	-0.46	-0.01	0.53	0.67	-0.36										
A2-KEystone	-0.27	0.47	-0.58		-0.58	-0.29		-0.47	-0.53	0.73	-0.40	-0.38	0.00	-0.51				
A3-C13-STYLE	-0.39	-0.63	-0.28		-0.03	-0.39	0.03			0.04	-0.72							
A4-SQUARE CUT	-1.27	-0.11	-0.83	-0.94	-0.32	-0.71	-0.74	-1.34										
A5-SEQUENCE III	0.03	-0.45	-1.31		-0.65	-0.38					-0.30				-0.79	-0.45		
A6-ARTICULATED 2-PIECE	-0.62	-0.13	0.91		1.77	1.97	0.77	-0.67		0.60	-1.75	-0.74	0.54	-0.83			0.52	
A7-SEQUENCE III	-0.09	-0.44	-0.77		-0.28	-0.58					-0.65				-0.82	-0.70		
A8-SEQUENCE III	0.15	-0.65	-0.93		-0.69	-0.51					-0.46				-0.77	-0.58		
B1-SQUARE CUT																		
B2-KEYSTONE																		
B3-C13-STYLE																		
B4-SQUARE CUT																		
B5-SEQUENCE III																		
B6-ARTICULATED 2-PIECE																		
B7-SEQUENCE III																		
B8-SEQUENCE III																		
C1-SQUARE CUT																		
C2-KEYSTONE																		
C3-C13-STYLE																		
C4-SQUARE CUT																		
C5-SEQUENCE III																		
C6-ARTICULATED 2-PIECE																		
C7-SEQUENCE III	0.56	-0.40	0.18		-0.33	-0.37					-0.76				-0.84	-0.31		
C8-SEQUENCE III	1.09	-0.31	-1.22		-0.30	-0.30					-0.21				-1.03	-0.04		
CAL1A-CALIBRATION PISTON	0.61	0.21	-0.22		3.16	0.08		0.02										
CAL1B-CALIBRATION PISTON																		
CAL1C-CALIBRATION PISTON																		
CAL1D-CALIBRATION PISTON	0.21	0.25	-0.92		1.49	1.29		0.08										
M1-CAL D4V PISTON																		
N1-CAL D4V PISTON	-0.25	0.17	-0.74		-0.44	-1.19												
O1-CAL D4V PISTON	-0.24	-0.73	0.35		-1.89	-0.61												
X1-D4V PISTON	-0.16	0.55	0.30		-0.45	0.72												
Y1-D4V PISTON	-0.46	-0.27	-0.24		-0.57	0.13												
Z1-D4V PISTON	0.22	-0.41	-0.89		-0.09	1.11												
MAXIMUM	-1.27	-0.73	-1.31	-0.94	3.16	1.97	0.77	-1.34	-0.53	0.73	-1.75	-0.74	0.54	-0.83	-1.03	-0.70	0.52	
MINIMUM	0.03	-0.11	0.18	-0.46	-0.01	0.08	0.03	0.02	-0.53	0.04	-0.21	-0.38	0.00	-0.51	-0.77	-0.04	0.52	
RANGE(MAX-MIN)	-1.300	-0.620	-1.490	-0.480	3.170	1.890	0.740	-1.360	0.000	0.690	-1.540	-0.360	0.540	-0.320	-0.260	-0.660	0.000	
MEAN	-0.037	-0.183	-0.455	-0.700	-0.012	0.029	0.183	-0.457	-0.530	0.457	-0.656	-0.560	0.270	-0.670	-0.850	-0.416	0.520	
STANDARD DEVIATION	0.537	0.389	0.608	0.339	1.153	0.832	0.697	0.520	0.000	0.367	0.484	0.255	0.382	0.226	0.104	0.256	0.000	

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= Holland, Stephen

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	G4TOT	L2TOT	L3TOT	L4TOT	TGF	USTOT	L1TOT	UCTOT	SGF	TLHC	TLFC	THTOT	ATTOT	OCTOT
A1-SQUARE CUT																	
A2-KEYSTONE																	
A3-C13-STYLE																	
A4-SQUARE CUT																	
A5-SEQUENCE III																	
A6-ARTICULATED 2-PIECE																	
A7-SEQUENCE III																	
A8-SEQUENCE III																	
B1-SQUARE CUT	0.63	-0.45	-0.32	-0.23	-0.36	-0.55	-0.84	0.25									
B2-KEYSTONE	-0.38	-0.40	-0.31		-0.58	-0.23		-0.58	-0.52	-0.62	-0.84	-0.36	0.00	-0.47			
B3-C13-STYLE	0.13	-0.25	-0.41		-0.13	-1.36	-0.81			-0.98	-0.04						
B4-SQUARE CUT	-0.46	-0.61	-0.03	-0.74	-0.60	1.04	0.16	-0.49									
B5-SEQUENCE III	1.56	0.00	-0.59		-0.12	0.24					-0.60				-0.61	-0.75	
B6-ARTICULATED 2-PIECE	-1.27	-0.97	-0.45		-0.75	-0.41	0.45	-0.73		-0.93	-0.57	-0.55	0.00	0.00			-0.73
B7-SEQUENCE III	-1.24	1.25	-0.45		0.76	0.62					-1.31				0.12	0.04	
B8-SEQUENCE III	-0.33	-0.49	-0.21		-0.61	-0.58					-1.05				-1.23	0.66	
C1-SQUARE CUT																	
C2-KEYSTONE																	
C3-C13-STYLE																	
C4-SQUARE CUT																	
C5-SEQUENCE III																	
C6-ARTICULATED 2-PIECE																	
C7-SEQUENCE III																	
C8-SEQUENCE III																	
CAL1A-CALIBRATION PISTON																	
CAL1B-CALIBRATION PISTON	0.57	-0.32	-0.26		0.30	-0.54		-0.08									
CAL1C-CALIBRATION PISTON	0.49	-0.06	-0.73		-0.61	-0.37		0.55									
CAL1D-CALIBRATION PISTON																	
M1-CAL D4V PISTON	-0.28	-0.53	0.30		0.55	-1.28											
N1-CAL D4V PISTON	-1.45	-1.73	-0.02		-0.49	1.38											
O1-CAL D4V PISTON																	
X1-D4V PISTON																	
Y1-D4V PISTON																	
Z1-D4V PISTON																	
MAXIMUM	1.56	-1.73	-0.73	-0.74	0.76	1.38	-0.84	-0.73	-0.52	-0.98	-1.31	-0.55	0.00	-0.47	-1.23	-0.75	-0.73
MINIMUM	0.13	0.00	-0.02	-0.23	-0.12	-0.23	0.16	-0.08	-0.52	-0.62	-0.04	-0.36	0.00	0.00	0.12	0.04	-0.73
RANGE(MAX-MIN)	1.430	-1.730	-0.710	-0.510	0.880	1.610	-1.000	-0.650	0.000	-0.360	-1.270	-0.190	0.000	-0.470	-1.350	-0.790	0.000
MEAN	-0.169	-0.380	-0.290	-0.485	-0.220	-0.170	-0.260	-0.180	-0.520	-0.843	-0.735	-0.455	0.000	-0.235	-0.573	-0.017	-0.730
STANDARD DEVIATION	0.898	0.687	0.277	0.361	0.504	0.845	0.663	0.507	0.000	0.195	0.440	0.134	0.000	0.332	0.676	0.707	0.000

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= Hurst, Kevin R.

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	G4TOT	L2TOT	L3TOT	L4TOT	TGF	USTOT	L1TOT	UCTOT	SGF	TLHC	TLFC	THTOT	ATTOT	OCTOT	
A1-SQUARE CUT																		
A2-KEYSTONE																		
A3-C13-STYLE																		
A4-SQUARE CUT	0.35	-0.34	-0.55	-0.18	-0.53	-0.19	-0.56	-0.27										
A5-SEQUENCE III																		
A6-ARTICULATED 2-PIECE																		
A7-SEQUENCE III																		
A8-SEQUENCE III																		
B1-SQUARE CUT	0.47	-0.48	-0.96	-0.23	-0.32	-0.63	0.03	0.25										
B2-KEYSTONE																		
B3-C13-STYLE																		
B4-SQUARE CUT	0.86	-0.36	-0.03	1.89	2.46	0.90	0.25	0.80										
B5-SEQUENCE III	-1.04	0.25	-0.72		-0.46	0.27					0.24				-0.65	-0.07		
B6-ARTICULATED 2-PIECE																		
B7-SEQUENCE III																		
B8-SEQUENCE III																		
C1-SQUARE CUT	0.88	0.62	-0.37	1.00	1.49	0.14	0.75	2.64										
C2-KEYSTONE	0.34	1.94	1.09		-0.31	1.55	0.22	2.30	1.21	-0.66	-0.45	-1.28	0.00					
C3-C13-STYLE	0.99	1.07	0.00		-1.18	1.04	0.50		1.88	-0.77								
C4-SQUARE CUT	0.46	1.18	0.46	0.11	0.46	0.19	2.36	0.47										
C5-SEQUENCE III	-0.38	-0.09	-0.18		-1.98	0.50					-0.19				-1.06	-1.01		
C6-ARTICULATED 2-PIECE	0.83	1.22	-0.11		-0.49	1.14	0.44	0.41		2.27	-1.85	1.44	0.00	-0.47			1.58	
C7-SEQUENCE III	2.94	-0.40	-0.59		-0.59	-0.34					-0.15				-0.33	-0.04		
C8-SEQUENCE III	-0.64	-0.26	-0.33		-0.55	-0.29					-0.32				-1.12	-0.04		
CAL1A-CALIBRATION PISTON																		
CAL1B-CALIBRATION PISTON	0.49	-0.22	0.95		-0.95	-0.41		0.63										
CAL1C-CALIBRATION PISTON																		
CAL1D-CALIBRATION PISTON	0.48	-0.08	1.00		-0.53	0.34		0.50										
M1-CAL D4V PISTON	0.21	-0.97	-0.17		-0.30	-2.14												
N1-CAL D4V PISTON																		
O1-CAL D4V PISTON	-0.24	-0.73	-0.55		-0.23	-0.45												
X1-D4V PISTON	-0.08	-0.57	-2.49		0.08	-1.68												
Y1-D4V PISTON	-0.89	0.53	-1.02		-1.40	-0.63												
Z1-D4V PISTON	-0.12	-0.51	-1.55		-0.68	-1.90												
MAXIMUM	2.94	1.94	-2.49	1.89	2.46	-2.14	2.36	2.64	2.30	2.27	-1.85	1.44	-1.28	-0.47	-1.12	-1.01	1.58	
MINIMUM	-0.08	-0.08	0.00	0.11	0.08	0.14	0.03	0.22	2.30	1.21	-0.15	-0.45	0.00	0.00	-0.33	-0.04	1.58	
RANGE(MAX-MIN)	3.020	2.020	-2.490	1.780	2.380	-2.280	2.330	2.420	0.000	1.060	-1.700	1.890	-1.280	-0.470	-0.790	-0.970	0.000	
MEAN	0.311	0.095	-0.322	0.518	-0.316	-0.136	0.539	0.628	2.300	1.787	-0.529	0.495	-0.640	-0.235	-0.790	-0.290	1.580	
STANDARD DEVIATION	0.872	0.788	0.872	0.912	0.978	1.004	0.906	0.813	0.000	0.536	0.673	1.336	0.905	0.332	0.371	0.480	0.000	

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= Kobrinetz, Joaquin J.

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	G4TOT	L2TOT	L3TOT	L4TOT	TGF	USTOT	L1TOT	UCTOT	SGF	TLHC	TLFC	THTOT	ATTOT	OCTOT
A1-SQUARE CUT	-0.63	-0.30	-0.99	-0.87	-0.84	-1.04	-1.12	-1.02									
A2-KEystone																	
A3-C13-STYLE																	
A4-SQUARE CUT	-0.68	-0.61	-0.90	-0.78	-0.62	-1.05	-1.08	-0.38									
A5-SEQUENCE III																	
A6-ARTICULATED 2-PIECE	-0.47	-0.24	-1.06		-0.53	-0.55	-0.54	-0.61		0.31	0.77	-0.74	-0.39	0.25			0.62
A7-SEQUENCE III																	
A8-SEQUENCE III																	
B1-SQUARE CUT	0.54	-1.43	-0.56	-0.82	-0.53	-0.42	-1.02	0.67									
B2-KEystone	-0.44	-0.59	-0.29		-0.68	-1.07		-0.18	-0.58	0.25	-0.70	0.00	0.00	2.06			
B3-C13-STYLE	-0.35	-0.17	-0.25		-0.08	-0.46	0.08			-0.12	1.03						
B4-SQUARE CUT	-1.38	-0.51	-1.51	-1.21	-0.61	-1.22	-1.18	-0.24									
B5-SEQUENCE III																	
B6-ARTICULATED 2-PIECE																	
B7-SEQUENCE III																	
B8-SEQUENCE III																	
C1-SQUARE CUT	0.58	-1.02	-0.73	-0.22	-0.05	-1.06	-0.67	-0.66									
C2-KEystone	-0.60	0.79	-0.65		-0.64	-0.42		-0.92	-0.53	-0.46	-1.66	-0.35	-0.17	1.73			
C3-C13-STYLE																	
C4-SQUARE CUT	-0.24	-1.15	-1.15	-0.70	-0.37	-0.97	-1.27	-0.94									
C5-SEQUENCE III																	
C6-ARTICULATED 2-PIECE																	
C7-SEQUENCE III																	
C8-SEQUENCE III																	
CAL1A-CALIBRATION PISTON	-0.26	-0.07	-0.30		0.01	-0.06		0.57									
CAL1B-CALIBRATION PISTON	-0.42	-0.64	-0.44		0.83	0.13		-0.08									
CAL1C-CALIBRATION PISTON	-0.08	0.08	-0.73		-0.09	-0.51		-1.14									
CAL1D-CALIBRATION PISTON	-0.02	0.01	-0.69		-0.60	-0.47		-0.01									
M1-CAL D4V PISTON																	
N1-CAL D4V PISTON																	
O1-CAL D4V PISTON																	
X1-D4V PISTON																	
Y1-D4V PISTON																	
Z1-D4V PISTON																	
MAXIMUM	-1.38	-1.43	-1.51	-1.21	-0.84	-1.22	-1.27	-1.14	-0.58	-0.46	-1.66	-0.74	-0.39	2.06			0.62
MINIMUM	-0.02	0.01	-0.25	-0.22	0.01	-0.06	0.08	-0.01	-0.53	-0.12	-0.70	0.00	0.00	0.25			0.62
RANGE(MAX-MIN)	-1.360	-1.440	-1.260	-0.990	-0.850	-1.160	-1.350	-1.130	-0.050	-0.340	-0.960	-0.740	-0.390	1.810			0.000
MEAN	-0.318	-0.418	-0.732	-0.767	-0.343	-0.655	-0.850	-0.380	-0.555	-0.005	-0.140	-0.363	-0.187	1.347			0.620
STANDARD DEVIATION	0.495	0.566	0.364	0.320	0.434	0.415	0.453	0.578	0.035	0.358	1.268	0.370	0.196	0.964			0.000

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= Langford, Mike

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	G4TOT	L2TOT	L3TOT	L4TOT	TGF	USTOT	L1TOT	UCTOT	SGF	TLHC	TLFC	THTOT	ATTOT	OCTOT
A1-SQUARE CUT																	
A2-KEYSTONE																	
A3-C13-STYLE																	
A4-SQUARE CUT																	
A5-SEQUENCE III																	
A6-ARTICULATED 2-PIECE																	
A7-SEQUENCE III																	
A8-SEQUENCE III																	
B1-SQUARE CUT	0.19	1.77	1.15	0.43	0.53	1.90	0.34	-0.80									
B2-KEYSTONE	-0.32	-0.18	-0.29		0.92	-0.45		0.64	-1.32	0.06	1.44	0.84	0.00	-0.47			
B3-C13-STYLE	0.05	-0.35	-0.32		0.38	0.24	0.23			1.89	0.34						
B4-SQUARE CUT	0.75	-0.47	-0.03	-0.28	-0.72	-0.46	-0.84	1.45									
B5-SEQUENCE III	-0.75	-0.44	-0.36		0.77	-0.21					0.94				-0.66	-0.75	
B6-ARTICULATED 2-PIECE	0.49	0.43	1.55		0.76	0.52	1.55	2.39		2.01	-0.53	1.05	0.00	0.00			-0.52
B7-SEQUENCE III	0.96	2.49	-0.45		1.87	1.38					0.70				0.12	0.85	
B8-SEQUENCE III	-0.06	2.83	-0.67		0.25	1.58					0.31				-0.07	0.81	
C1-SQUARE CUT																	
C2-KEYSTONE																	
C3-C13-STYLE																	
C4-SQUARE CUT																	
C5-SEQUENCE III																	
C6-ARTICULATED 2-PIECE																	
C7-SEQUENCE III																	
C8-SEQUENCE III																	
CAL1A-CALIBRATION PISTON	0.16	-0.08	-0.22		-0.16	-0.23		-0.36									
CAL1B-CALIBRATION PISTON	-0.13	-0.49	0.02		-0.14	0.79		0.16									
CAL1C-CALIBRATION PISTON																	
CAL1D-CALIBRATION PISTON																	
M1-CAL D4V PISTON	-0.27	0.66	0.35		-0.44	0.15											
N1-CAL D4V PISTON	2.00	1.02	1.66		-0.49	1.77											
O1-CAL D4V PISTON																	
X1-D4V PISTON																	
Y1-D4V PISTON																	
Z1-D4V PISTON																	
MAXIMUM	2.00	2.83	1.66	0.43	1.87	1.90	1.55	2.39	-1.32	2.01	1.44	1.05	0.00	-0.47	-0.66	0.85	-0.52
MINIMUM	0.05	-0.08	0.02	-0.28	-0.14	0.15	0.23	0.16	-1.32	0.06	0.31	0.84	0.00	0.00	-0.07	-0.75	-0.52
RANGE(MAX-MIN)	1.950	2.910	1.640	0.710	2.010	1.750	1.320	2.230	0.000	1.950	1.130	0.210	0.000	-0.470	-0.590	1.600	0.000
MEAN	0.256	0.599	0.199	0.075	0.294	0.582	0.320	0.580	-1.320	1.320	0.533	0.945	0.000	-0.235	-0.203	0.303	-0.520
STANDARD DEVIATION	0.724	1.187	0.806	0.502	0.736	0.883	0.978	1.183	0.000	1.093	0.668	0.148	0.000	0.332	0.407	0.912	0.000

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= Lonsway, Chris

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	G4TOT	L2TOT	L3TOT	L4TOT	TGF	USTOT	L1TOT	UCTOT	SGF	TLHC	TLFC	THTOT	ATTOT	OCTOT
A1-SQUARE CUT																	
A2-KEYSTONE																	
A3-C13-STYLE																	
A4-SQUARE CUT																	
A5-SEQUENCE III																	
A6-ARTICULATED 2-PIECE																	
A7-SEQUENCE III																	
A8-SEQUENCE III																	
B1-SQUARE CUT																	
B2-KEYSTONE																	
B3-C13-STYLE																	
B4-SQUARE CUT																	
B5-SEQUENCE III																	
B6-ARTICULATED 2-PIECE																	
B7-SEQUENCE III																	
B8-SEQUENCE III																	
C1-SQUARE CUT	0.32	0.39	-0.73	-0.52	-0.55	1.14	-0.89	0.44									
C2-KEYSTONE	-0.79	-0.75	-0.23		-0.64	-0.64		-0.58	0.82	-0.77	-0.62	-1.01	-1.28	-0.87			
C3-C13-STYLE	-1.54	0.94	0.32		-1.40	0.04	0.42			-0.05	-0.41						
C4-SQUARE CUT	-1.29	1.50	0.01	0.11	0.30	-0.26	0.61	-0.03									
C5-SEQUENCE III	0.65	-0.09	-0.41		-0.46	0.75					0.20				0.37	0.28	
C6-ARTICULATED 2-PIECE	-1.23	0.04	-0.10		-0.67	0.72	0.24	-1.13		-0.09	0.26	-0.96	0.00	-0.47			-0.71
C7-SEQUENCE III	-0.28	-0.40	0.86		-0.67	-0.34					1.74				-0.70	-0.04	
C8-SEQUENCE III	0.77	-0.31	-0.33		-0.45	-0.28					-0.88				0.43	-0.04	
CAL1A-CALIBRATION PISTON	-2.56	0.54	-0.14		-0.32	-0.23		0.35									
CAL1B-CALIBRATION PISTON	-2.74	0.95	3.73		1.34	0.56		-0.16									
CAL1C-CALIBRATION PISTON	-0.81	1.11	-0.32		-0.99	-0.07		-0.71									
CAL1D-CALIBRATION PISTON	-0.74	0.23	-0.32		0.24	-0.55		-0.35									
M1-CAL D4V PISTON	-0.12	-1.43	0.17		0.38	-0.57											
N1-CAL D4V PISTON																	
O1-CAL D4V PISTON																	
X1-D4V PISTON																	
Y1-D4V PISTON																	
Z1-D4V PISTON																	
MAXIMUM	-2.74	1.50	3.73	-0.52	-1.40	1.14	-0.89	-1.13	0.82	-0.77	1.74	-1.01	-1.28	-0.87	-0.70	0.28	-0.71
MINIMUM	-0.12	0.04	0.01	0.11	0.24	0.04	0.24	-0.03	0.82	-0.05	0.20	-0.96	0.00	-0.47	0.37	-0.04	-0.71
RANGE(MAX-MIN)	-2.620	1.460	3.720	-0.630	-1.640	1.100	-1.130	-1.100	0.000	-0.720	1.540	-0.050	-1.280	-0.400	-1.070	0.320	0.000
MEAN	-0.797	0.209	0.193	-0.205	-0.299	0.021	0.095	-0.271	0.820	-0.303	0.048	-0.985	-0.640	-0.670	0.033	0.067	-0.710
STANDARD DEVIATION	1.095	0.820	1.133	0.445	0.707	0.581	0.674	0.534	0.000	0.405	0.943	0.035	0.905	0.283	0.636	0.185	0.000

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= Lopez, Frank

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	G4TOT	L2TOT	L3TOT	L4TOT	TGF	USTOT	L1TOT	UCTOT	SGF	TLHC	TLFC	THTOT	ATTOT	OCTOT	
A1-SQUARE CUT	0.51	-0.21	-0.54	-0.14	-0.21	0.07	-0.32	-0.62										
A2-KEystone	-0.41	-0.48	-0.29		-0.67	-0.31		-0.41	-0.36	1.70	0.88	-1.33	0.00	-0.51				
A3-C13-STYLE	-0.30	-0.90	-1.23		0.01	-0.76	-0.58			0.83	1.06							
A4-SQUARE CUT	0.35	-0.02	-0.50	-0.08	-0.43	-0.78	-0.24	-1.44										
A5-SEQUENCE III	-0.30	0.83	-1.12		-0.65	-0.37					-0.15				-0.31	-0.37		
A6-ARTICULATED 2-PIECE	-0.86	-0.59	-0.60		0.64	-0.39	-0.54	-0.85		0.33	1.23	-0.74	0.17	-0.56			0.69	
A7-SEQUENCE III	-1.24	-0.44	-1.63		0.00	-0.62					-0.42				-0.61	-0.70		
A8-SEQUENCE III	-0.23	-0.53	-0.74		-0.15	-0.48					-0.44				-0.50	-0.54		
B1-SQUARE CUT																		
B2-KEYSTONE																		
B3-C13-STYLE																		
B4-SQUARE CUT																		
B5-SEQUENCE III																		
B6-ARTICULATED 2-PIECE																		
B7-SEQUENCE III																		
B8-SEQUENCE III																		
C1-SQUARE CUT																		
C2-KEYSTONE																		
C3-C13-STYLE																		
C4-SQUARE CUT																		
C5-SEQUENCE III																		
C6-ARTICULATED 2-PIECE																		
C7-SEQUENCE III																		
C8-SEQUENCE III																		
CAL1A-CALIBRATION PISTON	0.14	-0.33	-0.30		0.85	-0.38		0.02										
CAL1B-CALIBRATION PISTON																		
CAL1C-CALIBRATION PISTON																		
CAL1D-CALIBRATION PISTON	0.72	-0.13	-0.19		0.23	-0.72		0.16										
M1-CAL D4V PISTON																		
N1-CAL D4V PISTON	-0.27	0.21	-0.14		-0.55	-0.03												
O1-CAL D4V PISTON	-0.25	0.05	0.58		-2.06	0.85												
X1-D4V PISTON	0.32	0.43	-0.08		-0.14	0.89												
Y1-D4V PISTON																		
Z1-D4V PISTON	-0.17	0.34	-0.77		-0.48	1.98												
MAXIMUM	-1.24	-0.90	-1.63	-0.14	-2.06	1.98	-0.58	-1.44	-0.36	1.70	1.23	-1.33	0.17	-0.56	-0.61	-0.70	0.69	
MINIMUM	0.14	-0.02	-0.08	-0.08	0.00	-0.03	-0.24	0.02	-0.36	0.33	-0.15	-0.74	0.00	-0.51	-0.31	-0.37	0.69	
RANGE(MAX-MIN)	-1.380	-0.880	-1.550	-0.060	-2.060	2.010	-0.340	-1.460	0.000	1.370	1.380	-0.590	0.170	-0.050	-0.300	-0.330	0.000	
MEAN	-0.142	-0.126	-0.539	-0.110	-0.258	-0.075	-0.420	-0.523	-0.360	0.953	0.360	-1.035	0.085	-0.535	-0.473	-0.537	0.690	
STANDARD DEVIATION	0.525	0.468	0.552	0.042	0.689	0.795	0.166	0.588	0.000	0.693	0.778	0.417	0.120	0.035	0.152	0.165	0.000	

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= Lowsky, John

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	G4TOT	L2TOT	L3TOT	L4TOT	TGF	USTOT	L1TOT	UCTOT	SGF	TLHC	TLFC	THTOT	ATTOT	OCTOT
A1-SQUARE CUT																	
A2-KEYSTONE																	
A3-C13-STYLE																	
A4-SQUARE CUT																	
A5-SEQUENCE III																	
A6-ARTICULATED 2-PIECE																	
A7-SEQUENCE III																	
A8-SEQUENCE III																	
B1-SQUARE CUT	-1.95	-2.08	-1.01	-0.69	-0.90	-1.28	-0.89	-2.47									
B2-KEYSTONE	-0.01	0.52	-0.30		0.24	-1.78		1.12	-1.14	-1.41	-0.23	2.04	0.00	-0.47			
B3-C13-STYLE	0.16	-0.75	-0.32		-0.44	-0.96	-0.58			2.29	-1.34						
B4-SQUARE CUT	-0.61	-0.77	-0.81	0.19	-0.61	-1.03	-1.15	0.02									
B5-SEQUENCE III	0.26	-0.79	-0.52		-1.14	-0.12					-0.18				-0.34	-0.75	
B6-ARTICULATED 2-PIECE	-0.57	-0.97	-1.04		-1.13	-0.85	-0.89	1.14		2.11	3.27	-0.55	0.00	0.00			1.88
B7-SEQUENCE III	-0.88	-0.52	-1.36		-0.52	-1.11					-1.09				-1.32	-0.76	
B8-SEQUENCE III	-0.71	-0.49	-1.64		-0.57	-0.53					-1.11				-0.74	0.36	
C1-SQUARE CUT																	
C2-KEYSTONE																	
C3-C13-STYLE																	
C4-SQUARE CUT																	
C5-SEQUENCE III																	
C6-ARTICULATED 2-PIECE																	
C7-SEQUENCE III																	
C8-SEQUENCE III																	
CAL1A-CALIBRATION PISTON																	
CAL1B-CALIBRATION PISTON	-1.31	0.23	0.02		0.27	0.20		-0.08									
CAL1C-CALIBRATION PISTON	0.09	-0.76	-0.12		0.73	-0.31		-1.14									
CAL1D-CALIBRATION PISTON																	
M1-CAL D4V PISTON	-0.50	0.95	0.28		-0.48	-1.00											
N1-CAL D4V PISTON	-0.27	0.21	0.68		-0.30	1.17											
O1-CAL D4V PISTON																	
X1-D4V PISTON																	
Y1-D4V PISTON	0.44	0.12	0.35		-0.57	-0.04											
Z1-D4V PISTON	-0.12	-0.32	1.08		-0.88	0.63											
MAXIMUM	-1.95	-2.08	-1.64	-0.69	-1.14	-1.78	-1.15	-2.47	-1.14	2.29	3.27	2.04	0.00	-0.47	-1.32	-0.76	1.88
MINIMUM	-0.01	0.12	0.02	0.19	0.24	-0.04	-0.58	0.02	-1.14	-1.41	-0.18	-0.55	0.00	0.00	-0.34	0.36	1.88
RANGE(MAX-MIN)	-1.940	-2.200	-1.660	-0.880	-1.380	-1.740	-0.570	-2.490	0.000	3.700	3.450	2.590	0.000	-0.470	-0.980	-1.120	0.000
MEAN	-0.427	-0.387	-0.336	-0.250	-0.450	-0.501	-0.878	-0.235	-1.140	0.997	-0.113	0.745	0.000	-0.235	-0.800	-0.383	1.880
STANDARD DEVIATION	0.655	0.756	0.785	0.622	0.540	0.805	0.233	1.388	0.000	2.086	1.727	1.831	0.000	0.332	0.493	0.644	0.000

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= May, Marianne

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	G4TOT	L2TOT	L3TOT	L4TOT	TGF	USTOT	L1TOT	UCTOT	SGF	TLHC	TLFC	THTOT	ATTOT	OCTOT	
A1-SQUARE CUT																		
A2-KEystone																		
A3-C13-STYLE																		
A4-SQUARE CUT																		
A5-SEQUENCE III	0.95	-1.08	-1.12		-0.26	-0.34					-0.32				-0.40	-0.33		
A6-ARTICULATED 2-PIECE																		
A7-SEQUENCE III	0.42	-0.44	-1.00		-0.82	-0.69					-0.43				-0.50	-0.40		
A8-SEQUENCE III																		
B1-SQUARE CUT																		
B2-KEystone																		
B3-C13-STYLE																		
B4-SQUARE CUT																		
B5-SEQUENCE III																		
B6-ARTICULATED 2-PIECE																		
B7-SEQUENCE III																		
B8-SEQUENCE III																		
C1-SQUARE CUT	2.22	-0.41	-0.73	-0.82	0.24	-0.77	-0.51	-0.11										
C2-KEystone	-0.79	-0.36	-0.41		-0.53	-0.42		-1.49	-0.53	-0.80	-0.76	-0.35	-0.17	0.87				
C3-C13-STYLE																		
C4-SQUARE CUT	-0.20	-0.49	0.46	1.73	-0.80	-0.21	0.48	-0.03										
C5-SEQUENCE III	0.41	-0.09	-1.04		-0.40	0.37					-0.17				0.32	0.23		
C6-ARTICULATED 2-PIECE																		
C7-SEQUENCE III	-0.17	-0.40	-0.35		-0.36	-0.36					0.07				-0.19	0.22		
C8-SEQUENCE III	1.08	-0.31	-0.69		-0.26	-0.30					0.60				1.16	0.34		
CAL1A-CALIBRATION PISTON	-0.67	0.10	-0.30		-0.12	-0.12		0.74										
CAL1B-CALIBRATION PISTON	-0.07	0.55	-0.91		0.29	1.91		-0.08										
CAL1C-CALIBRATION PISTON	0.36	-0.68	-0.42		0.01	-0.44		-0.50										
CAL1D-CALIBRATION PISTON	0.17	-0.06	-0.60		-0.58	-0.28		-0.09										
M1-CAL D4V PISTON																		
N1-CAL D4V PISTON																		
O1-CAL D4V PISTON																		
X1-D4V PISTON																		
Y1-D4V PISTON																		
Z1-D4V PISTON																		
MAXIMUM	2.22	-1.08	-1.12	1.73	-0.82	1.91	-0.51	-1.49	-0.53	-0.80	-0.76	-0.35	-0.17	0.87	1.16	-0.40		
MINIMUM	-0.07	-0.06	-0.30	-0.82	0.01	-0.12	0.48	-0.03	-0.53	-0.80	0.07	-0.35	-0.17	0.87	-0.19	0.22		
RANGE(MAX-MIN)	2.290	-1.020	-0.820	2.550	-0.830	2.030	-0.990	-1.460	0.000	0.000	-0.830	0.000	0.000	0.000	1.350	-0.620		
MEAN	0.309	-0.306	-0.593	0.455	-0.299	-0.138	-0.015	-0.223	-0.530	-0.800	-0.168	-0.350	-0.170	0.870	0.078	0.012		
STANDARD DEVIATION	0.826	0.407	0.436	1.803	0.361	0.705	0.700	0.671	0.000	0.000	0.467	0.000	0.000	0.000	0.683	0.348		

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= Moran, Andrew

Yi Values

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

PartID	G1TOT	G2TOT	G3TOT	G4TOT	L2TOT	L3TOT	L4TOT	TGF	USTOT	L1TOT	UCTOT	SGF	TLHC	TLFC	THTOT	ATTOT	OCTOT		
A1-SQUARE CUT																			
A2-KEystone																			
A3-C13-STYLE																			
A4-SQUARE CUT																			
A5-SEQUENCE III																			
A6-ARTICULATED 2-PIECE																			
A7-SEQUENCE III																			
A8-SEQUENCE III																			
B1-SQUARE CUT																			
B2-KEystone																			
B3-C13-STYLE																			
B4-SQUARE CUT																			
B5-SEQUENCE III																			
B6-ARTICULATED 2-PIECE																			
B7-SEQUENCE III																			
B8-SEQUENCE III																			
C1-SQUARE CUT																			
C2-KEystone																			
C3-C13-STYLE																			
C4-SQUARE CUT																			
C5-SEQUENCE III																			
C6-ARTICULATED 2-PIECE																			
C7-SEQUENCE III																			
C8-SEQUENCE III																			
CAL1A-CALIBRATION PISTON																			
CAL1B-CALIBRATION PISTON																			
CAL1C-CALIBRATION PISTON																			
CAL1D-CALIBRATION PISTON																			
M1-CAL D4V PISTON																			
N1-CAL D4V PISTON																			
O1-CAL D4V PISTON																			
X1-D4V PISTON																			
Y1-D4V PISTON																			
Z1-D4V PISTON																			
MAXIMUM																			
MINIMUM																			
RANGE(MAX-MIN)																			
MEAN																			
STANDARD DEVIATION																			

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= Pitta, Jimmy

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	G4TOT	L2TOT	L3TOT	L4TOT	TGF	USTOT	L1TOT	UCTOT	SGF	TLHC	TLFC	THTOT	ATTOT	OCTOT
A1-SQUARE CUT																	
A2-KEYSTONE																	
A3-C13-STYLE																	
A4-SQUARE CUT																	
A5-SEQUENCE III																	
A6-ARTICULATED 2-PIECE																	
A7-SEQUENCE III																	
A8-SEQUENCE III																	
B1-SQUARE CUT	0.29	0.37	-0.48	-0.88	-0.39	0.10	-0.54	-0.80									
B2-KEYSTONE	-0.21	-0.40	-0.26		-0.03	1.05		0.23	0.34	-0.90	2.02	0.24	0.00	0.04			
B3-C13-STYLE	0.49	0.05	-0.38		1.34	0.13	0.08			-0.44	-1.63						
B4-SQUARE CUT	-0.20	0.44	-0.03	0.65	0.47	1.14	0.53	-0.75									
B5-SEQUENCE III	0.55	0.24	-0.01		0.11	-1.03					-2.27				3.21	0.61	
B6-ARTICULATED 2-PIECE	0.37	0.04	0.66		0.39	0.19	-0.20	-0.73		-0.43	-0.15	1.05	0.00	0.00			-0.42
B7-SEQUENCE III	0.14	-0.52	0.36		-0.40	-0.15					-0.05				0.12	-0.10	
B8-SEQUENCE III	-0.04	-0.27	1.00		0.87	-0.31					-0.14				0.59	-0.24	
C1-SQUARE CUT																	
C2-KEYSTONE																	
C3-C13-STYLE																	
C4-SQUARE CUT																	
C5-SEQUENCE III																	
C6-ARTICULATED 2-PIECE																	
C7-SEQUENCE III																	
C8-SEQUENCE III																	
CAL1A-CALIBRATION PISTON	-0.24	0.13	-0.22		-0.26	-0.13		0.57									
CAL1B-CALIBRATION PISTON	0.21	0.55	-0.91		-0.11	0.72		-0.08									
CAL1C-CALIBRATION PISTON																	
CAL1D-CALIBRATION PISTON																	
M1-CAL D4V PISTON																	
N1-CAL D4V PISTON																	
O1-CAL D4V PISTON																	
X1-D4V PISTON																	
Y1-D4V PISTON																	
Z1-D4V PISTON																	
MAXIMUM	0.55	0.55	1.00	-0.88	1.34	1.14	-0.54	-0.80	0.34	-0.90	-2.27	1.05	0.00	0.04	3.21	0.61	-0.42
MINIMUM	-0.04	0.04	-0.01	0.65	-0.03	0.10	0.08	-0.08	0.34	-0.43	-0.05	0.24	0.00	0.00	0.12	-0.10	-0.42
RANGE(MAX-MIN)	0.590	0.510	1.010	-1.530	1.370	1.040	-0.620	-0.720	0.000	-0.470	-2.220	0.810	0.000	0.040	3.090	0.710	0.000
MEAN	0.136	0.063	-0.027	-0.115	0.199	0.171	-0.033	-0.260	0.340	-0.590	-0.370	0.645	0.000	0.020	1.307	0.090	-0.420
STANDARD DEVIATION	0.295	0.361	0.565	1.082	0.571	0.657	0.453	0.585	0.000	0.269	1.491	0.573	0.000	0.028	1.665	0.456	0.000

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= Potocar, William P

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	G4TOT	L2TOT	L3TOT	L4TOT	TGF	USTOT	L1TOT	UCTOT	SGF	TLHC	TLFC	THTOT	ATTOT	OCTOT
A1-SQUARE CUT																	
A2-KEystone																	
A3-C13-STYLE																	
A4-SQUARE CUT																	
A5-SEQUENCE III																	
A6-ARTICULATED 2-PIECE																	
A7-SEQUENCE III																	
A8-SEQUENCE III																	
B1-SQUARE CUT	-0.42	0.65	0.38	2.21	2.12	1.01	-0.32	-0.17									
B2-KEystone	-0.31	-0.40	-0.24		-1.05	0.43		-0.42	-0.71	1.11	0.97	-0.84	0.00	2.56			
B3-C13-STYLE	0.48	-0.14	0.01		-0.29	0.52	-1.16			-0.40	-0.05						
B4-SQUARE CUT	0.51	-0.42	0.76	0.65	1.66	1.09	0.65	0.02									
B5-SEQUENCE III	0.70	-0.36	-0.29		0.61	0.46					0.13				-0.15	-0.07	
B6-ARTICULATED 2-PIECE	0.27	1.17	0.15		0.87	-0.04	0.43	-0.11		-0.02	-0.08	2.64	0.00	0.00			-0.42
B7-SEQUENCE III	1.33	-0.52	0.80		-1.20	-2.05					-0.44				-0.48	-0.98	
B8-SEQUENCE III	0.12	-0.56	-0.48		-0.23	-0.77					0.14				0.10	0.21	
C1-SQUARE CUT																	
C2-KEystone																	
C3-C13-STYLE																	
C4-SQUARE CUT																	
C5-SEQUENCE III																	
C6-ARTICULATED 2-PIECE																	
C7-SEQUENCE III																	
C8-SEQUENCE III																	
CAL1A-CALIBRATION PISTON	0.11	-0.05	-0.22		-0.55	-0.32		0.30									
CAL1B-CALIBRATION PISTON	1.29	1.12	0.02		0.09	0.16		0.16									
CAL1C-CALIBRATION PISTON	-0.99	-0.19	1.97		-0.76	0.05		0.34									
CAL1D-CALIBRATION PISTON																	
M1-CAL D4V PISTON	-0.25	0.55	0.31		0.76	-0.57											
N1-CAL D4V PISTON																	
O1-CAL D4V PISTON	-0.30	-0.14	0.20		0.16	0.59											
X1-D4V PISTON	-0.16	0.05	0.46		0.63	0.94											
Y1-D4V PISTON	-0.02	0.29	0.11		0.05	-0.23											
Z1-D4V PISTON																	
MAXIMUM	1.33	1.17	1.97	2.21	2.12	-2.05	-1.16	-0.42	-0.71	1.11	0.97	2.64	0.00	2.56	-0.48	-0.98	-0.42
MINIMUM	-0.02	-0.05	0.01	0.65	0.05	-0.04	-0.32	0.02	-0.71	-0.02	-0.05	-0.84	0.00	0.00	0.10	-0.07	-0.42
RANGE(MAX-MIN)	1.350	1.220	1.960	1.560	2.070	-2.010	-0.840	-0.440	0.000	1.130	1.020	3.480	0.000	2.560	-0.580	-0.910	0.000
MEAN	0.157	0.070	0.263	1.430	0.191	0.085	-0.100	0.017	-0.710	0.230	0.112	0.900	0.000	1.280	-0.177	-0.280	-0.420
STANDARD DEVIATION	0.631	0.566	0.598	1.103	0.941	0.815	0.820	0.273	0.000	0.785	0.470	2.461	0.000	1.810	0.291	0.622	0.000

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= Ransford, Ronald

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	G4TOT	L2TOT	L3TOT	L4TOT	TGF	USTOT	L1TOT	UCTOT	SGF	TLHC	TLFC	THTOT	ATTOT	OCTOT
A1-SQUARE CUT																	
A2-KEYSTONE																	
A3-C13-STYLE																	
A4-SQUARE CUT																	
A5-SEQUENCE III																	
A6-ARTICULATED 2-PIECE																	
A7-SEQUENCE III																	
A8-SEQUENCE III																	
B1-SQUARE CUT																	
B2-KEYSTONE																	
B3-C13-STYLE																	
B4-SQUARE CUT																	
B5-SEQUENCE III																	
B6-ARTICULATED 2-PIECE																	
B7-SEQUENCE III																	
B8-SEQUENCE III																	
C1-SQUARE CUT	-0.27	2.55	1.79	-1.02	0.75	1.76	-0.10	0.99									
C2-KEYSTONE	1.23	0.21	-1.43		-0.34	-0.39		0.90	-1.02	-0.66	-1.56	-1.01	0.94	-0.87			
C3-C13-STYLE	1.10	-0.19	-0.07		1.81	1.87	1.11			-1.57	1.74						
C4-SQUARE CUT	2.19	1.13	1.36	-1.05	2.05	0.10	-0.77	2.62									
C5-SEQUENCE III	1.43	1.09	2.40		1.01	0.46					-0.66				0.58	1.11	
C6-ARTICULATED 2-PIECE	-0.84	0.10	1.49		2.21	-0.06	-0.55	-0.33		-0.49	1.21	-0.16	0.00	-0.47			-0.58
C7-SEQUENCE III	-0.30	-0.40	-0.26		0.32	-0.04					0.19				1.45	1.29	
C8-SEQUENCE III	0.71	-0.10	1.49		0.28	-0.29					0.04				1.24	2.96	
CAL1A-CALIBRATION PISTON	1.38	0.22	4.41		0.57	-0.05		-0.25									
CAL1B-CALIBRATION PISTON																	
CAL1C-CALIBRATION PISTON	0.36	-0.06	-0.12		-0.74	0.08		-1.14									
CAL1D-CALIBRATION PISTON																	
M1-CAL D4V PISTON																	
N1-CAL D4V PISTON	-0.04	0.32	-1.35		0.47	-0.65											
O1-CAL D4V PISTON																	
X1-D4V PISTON	1.03	-0.57	0.52		-0.58	0.60											
Y1-D4V PISTON																	
Z1-D4V PISTON	0.47	-0.37	1.62		0.11	0.35											
MAXIMUM	2.19	2.55	4.41	-1.05	2.21	1.87	1.11	2.62	-1.02	-1.57	1.74	-1.01	0.94	-0.87	1.45	2.96	-0.58
MINIMUM	-0.04	-0.06	-0.07	-1.02	0.11	-0.04	-0.10	-0.25	-1.02	-0.49	0.04	-0.16	0.00	-0.47	0.58	1.11	-0.58
RANGE(MAX-MIN)	2.230	2.610	4.480	-0.030	2.100	1.910	1.210	2.870	0.000	-1.080	1.700	-0.850	0.940	-0.400	0.870	1.850	0.000
MEAN	0.650	0.302	0.912	-1.035	0.609	0.288	-0.078	0.465	-1.020	-0.907	0.160	-0.585	0.470	-0.670	1.090	1.787	-0.580
STANDARD DEVIATION	0.854	0.849	1.601	0.021	0.951	0.758	0.839	1.329	0.000	0.581	1.204	0.601	0.665	0.283	0.454	1.020	0.000

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= Rodriguez, Jesus (Jesse)

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	G4TOT	L2TOT	L3TOT	L4TOT	TGF	USTOT	L1TOT	UCTOT	SGF	TLHC	TLFC	THTOT	ATTOT	OCTOT
A1-SQUARE CUT																	
A2-KEystone																	
A3-C13-STYLE																	
A4-SQUARE CUT																	
A5-SEQUENCE III																	
A6-ARTICULATED 2-PIECE																	
A7-SEQUENCE III																	
A8-SEQUENCE III																	
B1-SQUARE CUT	-2.76	-0.24	-0.08	-0.23	-0.42	0.85	2.05	-0.59									
B2-KEystone	-0.62	-0.40	-0.26		0.25	0.05		-0.66	0.83	0.81	-0.63	-0.36	0.00	-0.47			
B3-C13-STYLE	0.30	0.23	-0.29		-0.54	1.80	1.88			-0.21	1.25						
B4-SQUARE CUT	0.46	-0.40	-0.03	0.65	-0.67	-0.04	0.38	-0.88									
B5-SEQUENCE III	0.51	-0.52	0.20		-1.27	1.79					-0.27				-0.18	-0.07	
B6-ARTICULATED 2-PIECE	0.12	0.86	-0.21		0.61	0.86	0.18	-0.73		-0.02	-0.04	-0.55	0.00	0.00			-0.44
B7-SEQUENCE III	0.26	-0.52	0.65		-0.22	-0.59					0.01				0.12	0.63	
B8-SEQUENCE III	0.12	-0.32	-0.44		-0.58	-0.28					0.28				-0.30	-0.98	
C1-SQUARE CUT																	
C2-KEystone																	
C3-C13-STYLE																	
C4-SQUARE CUT																	
C5-SEQUENCE III																	
C6-ARTICULATED 2-PIECE																	
C7-SEQUENCE III																	
C8-SEQUENCE III																	
CAL1A-CALIBRATION PISTON																	
CAL1B-CALIBRATION PISTON	0.65	0.05	0.02		0.40	0.18		0.00									
CAL1C-CALIBRATION PISTON	1.30	-0.02	-0.32		0.12	-0.12		-1.77									
CAL1D-CALIBRATION PISTON																	
M1-CAL D4V PISTON	-0.46	-1.41	0.03		-0.42	-0.57											
N1-CAL D4V PISTON																	
O1-CAL D4V PISTON	-0.29	0.05	-0.55		0.82	-0.45											
X1-D4V PISTON																	
Y1-D4V PISTON	-1.33	-1.49	3.01		1.02	3.32											
Z1-D4V PISTON	2.68	0.99	2.17		2.53	-0.13											
MAXIMUM	-2.76	-1.49	3.01	0.65	2.53	3.32	2.05	-1.77	0.83	0.81	1.25	-0.55	0.00	-0.47	-0.30	-0.98	-0.44
MINIMUM	0.12	-0.02	0.02	-0.23	0.12	-0.04	0.18	0.00	0.83	-0.02	0.01	-0.36	0.00	0.00	0.12	-0.07	-0.44
RANGE(MAX-MIN)	-2.880	-1.470	2.990	0.880	2.410	3.360	1.870	-1.770	0.000	0.830	1.240	-0.190	0.000	-0.470	-0.420	-0.910	0.000
MEAN	0.067	-0.224	0.279	0.210	0.116	0.476	1.123	-0.772	0.830	0.193	0.100	-0.455	0.000	-0.235	-0.120	-0.140	-0.440
STANDARD DEVIATION	1.239	0.696	1.036	0.622	0.946	1.136	0.979	0.575	0.000	0.542	0.641	0.134	0.000	0.332	0.216	0.807	0.000

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= Sanchez, Arthur

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	G4TOT	L2TOT	L3TOT	L4TOT	TGF	USTOT	L1TOT	UCTOT	SGF	TLHC	TLFC	THTOT	ATTOT	OCTOT
A1-SQUARE CUT																	
A2-KEYSTONE																	
A3-C13-STYLE																	
A4-SQUARE CUT																	
A5-SEQUENCE III																	
A6-ARTICULATED 2-PIECE																	
A7-SEQUENCE III																	
A8-SEQUENCE III																	
B1-SQUARE CUT																	
B2-KEYSTONE																	
B3-C13-STYLE																	
B4-SQUARE CUT																	
B5-SEQUENCE III																	
B6-ARTICULATED 2-PIECE																	
B7-SEQUENCE III																	
B8-SEQUENCE III																	
C1-SQUARE CUT	-1.12	0.98	-0.73	-0.01	1.02	-1.33	-1.30	-0.66									
C2-KEYSTONE	0.62	-0.17	-1.13		-0.03	-0.80		1.36	0.45	1.31	0.00	0.87	-0.17	-0.87			
C3-C13-STYLE	0.46	-0.16	-1.48		0.69	-0.24	-1.25			0.14	-0.34						
C4-SQUARE CUT	-0.10	-0.77	-0.44	0.11	0.44	-0.93	-0.65	-0.20									
C5-SEQUENCE III	-1.31	0.30	-1.44		-0.35	0.55					-0.26				1.22	0.28	
C6-ARTICULATED 2-PIECE	-0.49	0.12	-1.11		0.11	-1.07	0.51	0.41		-0.06	0.16	-0.56	0.00	-0.47			-0.83
C7-SEQUENCE III	-0.33	-0.30	0.31		0.17	-0.11					-0.02				0.05	0.62	
C8-SEQUENCE III	-1.04	-0.21	-1.53		-0.16	-0.19					-0.46				-0.47	-0.04	
CAL1A-CALIBRATION PISTON																	
CAL1B-CALIBRATION PISTON	-0.51	-2.77	0.02		2.31	-0.65		-0.32									
CAL1C-CALIBRATION PISTON																	
CAL1D-CALIBRATION PISTON	0.25	-0.32	-0.79		0.39	-0.53		0.42									
M1-CAL D4V PISTON																	
N1-CAL D4V PISTON	-0.30	-0.04	0.14		0.00	0.24											
O1-CAL D4V PISTON	-0.24	0.11	0.58		0.67	0.07											
X1-D4V PISTON	0.56	0.68	0.96		-0.94	0.64											
Y1-D4V PISTON																	
Z1-D4V PISTON	-0.12	-0.79	0.12		1.10	-0.02											
MAXIMUM	-1.31	-2.77	-1.53	0.11	2.31	-1.33	-1.30	1.36	0.45	1.31	-0.46	0.87	-0.17	-0.87	1.22	0.62	-0.83
MINIMUM	-0.10	-0.04	0.02	-0.01	0.00	-0.02	0.51	-0.20	0.45	-0.06	0.00	-0.56	0.00	-0.47	0.05	-0.04	-0.83
RANGE(MAX-MIN)	-1.210	-2.730	-1.550	0.120	2.310	-1.310	-1.810	1.560	0.000	1.370	-0.460	1.430	-0.170	-0.400	1.170	0.660	0.000
MEAN	-0.262	-0.239	-0.466	0.050	0.387	-0.312	-0.673	0.168	0.450	0.463	-0.153	0.155	-0.085	-0.670	0.267	0.287	-0.830
STANDARD DEVIATION	0.610	0.874	0.824	0.085	0.776	0.597	0.842	0.721	0.000	0.740	0.237	1.011	0.120	0.283	0.866	0.330	0.000

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= Schmidt, Brian

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	G4TOT	L2TOT	L3TOT	L4TOT	TGF	USTOT	L1TOT	UCTOT	SGF	TLHC	TLFC	THTOT	ATTOT	OCTOT	
A1-SQUARE CUT	1.18	0.11	1.68	1.76	1.24	2.15	1.51	1.83										
A2-KEystone	2.10	0.81	1.85		0.18	-0.34		-0.51	2.03	0.99	-1.57	1.32	0.00	-0.51				
A3-C13-STYLE	0.73	-1.10	-1.28		-0.24	-0.44	-1.03			0.25	-1.17							
A4-SQUARE CUT	2.24	0.31	0.64	-0.58	2.66	1.43	1.47	1.03										
A5-SEQUENCE III																		
A6-ARTICULATED 2-PIECE																		
A7-SEQUENCE III	-0.28	1.60	0.94		1.47	1.81					1.62				1.22	-0.19		
A8-SEQUENCE III	0.41	1.60	1.93		1.79	1.77					1.79				0.42	-0.28		
B1-SQUARE CUT																		
B2-KEystone																		
B3-C13-STYLE																		
B4-SQUARE CUT																		
B5-SEQUENCE III																		
B6-ARTICULATED 2-PIECE																		
B7-SEQUENCE III																		
B8-SEQUENCE III																		
C1-SQUARE CUT																		
C2-KEystone																		
C3-C13-STYLE																		
C4-SQUARE CUT																		
C5-SEQUENCE III																		
C6-ARTICULATED 2-PIECE																		
C7-SEQUENCE III																		
C8-SEQUENCE III																		
CAL1A-CALIBRATION PISTON																		
CAL1B-CALIBRATION PISTON																		
CAL1C-CALIBRATION PISTON	-2.83	3.21	1.46		3.11	4.02		1.47										
CAL1D-CALIBRATION PISTON	1.30	3.50	0.51		2.15	0.94		1.53										
M1-CAL D4V PISTON	1.74	-0.97	-3.71		-1.18	1.58												
N1-CAL D4V PISTON	0.59	2.71	1.53		3.67	-0.02												
O1-CAL D4V PISTON																		
X1-D4V PISTON																		
Y1-D4V PISTON	2.11	-0.98	-0.58		0.50	-1.14												
Z1-D4V PISTON	-0.08	1.13	0.12		-1.52	-0.75												
MAXIMUM	-2.83	3.50	-3.71	1.76	3.67	4.02	1.51	1.83	2.03	0.99	1.79	1.32	0.00	-0.51	1.22	-0.28		
MINIMUM	-0.08	0.11	0.12	-0.58	0.18	-0.02	-1.03	-0.51	2.03	0.25	-1.17	1.32	0.00	-0.51	0.42	-0.19		
RANGE(MAX-MIN)	-2.750	3.390	-3.830	2.340	3.490	4.040	2.540	2.340	0.000	0.740	2.960	0.000	0.000	0.000	0.800	-0.090		
MEAN	0.768	0.994	0.424	0.590	1.153	0.918	0.650	1.070	2.030	0.620	0.168	1.320	0.000	-0.510	0.820	-0.235		
STANDARD DEVIATION	1.416	1.604	1.640	1.655	1.647	1.498	1.455	0.928	0.000	0.523	1.784	0.000	0.000	0.000	0.566	0.064		

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= Seiz, Ray

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	G4TOT	L2TOT	L3TOT	L4TOT	TGF	USTOT	L1TOT	UCTOT	SGF	TLHC	TLFC	THTOT	ATTOT	OCTOT
A1-SQUARE CUT																	
A2-KEYSTONE																	
A3-C13-STYLE																	
A4-SQUARE CUT																	
A5-SEQUENCE III																	
A6-ARTICULATED 2-PIECE																	
A7-SEQUENCE III																	
A8-SEQUENCE III																	
B1-SQUARE CUT	0.17	0.84	-1.17	-0.09	2.09	-1.57	-1.50	1.50									
B2-KEYSTONE	-0.38	-0.40	-0.30		0.35	0.57		-0.99	-0.71	2.19	0.02	-1.20	0.00	-0.47			
B3-C13-STYLE	-0.48	-0.39	-0.18		0.07	0.54	0.61			0.18	-0.34						
B4-SQUARE CUT	0.51	-0.20	-0.03	0.65	-0.71	-0.32	-0.05	-1.53									
B5-SEQUENCE III	1.34	3.24	0.40		0.31	0.18					2.42				0.22	0.61	
B6-ARTICULATED 2-PIECE	1.54	2.12	0.81		1.14	0.16	-0.34	-0.11		-0.06	-0.23	-0.55	0.00	0.00			-0.48
B7-SEQUENCE III	-0.10	0.90	-0.37		-0.12	-0.58					2.03				-0.26	-0.10	
B8-SEQUENCE III	-1.74	1.10	-0.32		-0.34	-0.87					2.27				1.96	1.10	
C1-SQUARE CUT																	
C2-KEYSTONE																	
C3-C13-STYLE																	
C4-SQUARE CUT																	
C5-SEQUENCE III																	
C6-ARTICULATED 2-PIECE																	
C7-SEQUENCE III																	
C8-SEQUENCE III																	
CAL1A-CALIBRATION PISTON	0.96	0.09	-0.14		1.05	-0.48		0.74									
CAL1B-CALIBRATION PISTON	0.49	-0.43	0.48		-0.01	-0.02		1.34									
CAL1C-CALIBRATION PISTON																	
CAL1D-CALIBRATION PISTON																	
M1-CAL D4V PISTON	-0.69	-0.10	0.36		0.37	0.65											
N1-CAL D4V PISTON																	
O1-CAL D4V PISTON	-0.39	0.05	0.58		0.94	1.11											
X1-D4V PISTON																	
Y1-D4V PISTON	-0.70	0.02	0.18		1.34	-0.61											
Z1-D4V PISTON																	
MAXIMUM	-1.74	3.24	-1.17	0.65	2.09	-1.57	-1.50	-1.53	-0.71	2.19	2.42	-1.20	0.00	-0.47	1.96	1.10	-0.48
MINIMUM	-0.10	0.02	-0.03	-0.09	-0.01	-0.02	-0.05	-0.11	-0.71	-0.06	0.02	-0.55	0.00	0.00	0.22	-0.10	-0.48
RANGE(MAX-MIN)	-1.640	3.220	-1.140	0.740	2.100	-1.550	-1.450	-1.420	0.000	2.250	2.400	-0.650	0.000	-0.470	1.740	1.200	0.000
MEAN	0.041	0.526	0.023	0.280	0.498	-0.095	-0.320	0.158	-0.710	0.770	1.028	-0.875	0.000	-0.235	0.640	0.537	-0.480
STANDARD DEVIATION	0.919	1.106	0.524	0.523	0.775	0.735	0.881	1.247	0.000	1.236	1.338	0.460	0.000	0.332	1.168	0.603	0.000

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= Senneff, Randall R

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	G4TOT	L2TOT	L3TOT	L4TOT	TGF	USTOT	L1TOT	UCTOT	SGF	TLHC	TLFC	THTOT	ATTOT	OCTOT	
A1-SQUARE CUT	0.34	-0.22	0.29	0.30	-0.81	-0.57	1.16	-1.41										
A2-KEystone	-0.41	-0.85	-0.52		-0.66	-0.37		-0.52	-0.84	-0.69	-0.24	0.78	0.00	-0.51				
A3-C13-STYLE	0.61	1.32	-0.04		-0.45	-0.83	0.10			-0.10	-1.17							
A4-SQUARE CUT	-0.25	0.99	0.13	0.25	0.24	1.40	0.78	-0.70										
A5-SEQUENCE III	-0.22	0.51	0.64		0.93	-0.40					-0.57				-0.40	-0.64		
A6-ARTICULATED 2-PIECE	0.16	2.90	0.51		0.18	-0.36	-0.61	-0.37		0.82	-1.16	-0.10	-0.02	1.86			-1.01	
A7-SEQUENCE III	-0.18	-0.40	0.42		-0.13	-0.23					-0.99				-0.24	0.04		
A8-SEQUENCE III	-0.45	-0.35	0.51		-0.64	-0.50					-0.78				-0.46	-0.37		
B1-SQUARE CUT																		
B2-KEYSTONE																		
B3-C13-STYLE																		
B4-SQUARE CUT																		
B5-SEQUENCE III																		
B6-ARTICULATED 2-PIECE																		
B7-SEQUENCE III																		
B8-SEQUENCE III																		
C1-SQUARE CUT																		
C2-KEYSTONE																		
C3-C13-STYLE																		
C4-SQUARE CUT																		
C5-SEQUENCE III																		
C6-ARTICULATED 2-PIECE																		
C7-SEQUENCE III																		
C8-SEQUENCE III																		
CAL1A-CALIBRATION PISTON	1.83	-1.71	-0.30		-0.92	-0.32		0.41										
CAL1B-CALIBRATION PISTON																		
CAL1C-CALIBRATION PISTON																		
CAL1D-CALIBRATION PISTON	0.43	0.17	1.69		2.34	-0.06		-0.78										
M1-CAL D4V PISTON	1.52	0.51	0.31		0.73	1.58												
N1-CAL D4V PISTON	2.31	-0.57	0.39		-0.47	-0.68												
O1-CAL D4V PISTON																		
X1-D4V PISTON																		
Y1-D4V PISTON	0.47	-0.17	0.05		0.31	0.28												
Z1-D4V PISTON	-0.12	0.81	0.23		-0.04	-0.46												
MAXIMUM	2.31	2.90	1.69	0.30	2.34	1.58	1.16	-1.41	-0.84	0.82	-1.17	0.78	-0.02	1.86	-0.46	-0.64	-1.01	
MINIMUM	-0.12	0.17	-0.04	0.25	-0.04	-0.06	0.10	-0.37	-0.84	-0.10	-0.24	-0.10	0.00	-0.51	-0.24	0.04	-1.01	
RANGE(MAX-MIN)	2.430	2.730	1.730	0.050	2.380	1.640	1.060	-1.040	0.000	0.920	-0.930	0.880	-0.020	2.370	-0.220	-0.680	0.000	
MEAN	0.431	0.210	0.308	0.275	0.044	-0.109	0.358	-0.562	-0.840	0.010	-0.818	0.340	-0.010	0.675	-0.367	-0.323	-1.010	
STANDARD DEVIATION	0.870	1.111	0.512	0.035	0.869	0.728	0.780	0.595	0.000	0.761	0.365	0.622	0.014	1.676	0.114	0.342	0.000	

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= StremLOW, Mike

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	G4TOT	L2TOT	L3TOT	L4TOT	TGF	USTOT	L1TOT	UCTOT	SGF	TLHC	TLFC	THTOT	ATTOT	OCTOT	
A1-SQUARE CUT																		
A2-KEYSTONE																		
A3-C13-STYLE																		
A4-SQUARE CUT																		
A5-SEQUENCE III																		
A6-ARTICULATED 2-PIECE																		
A7-SEQUENCE III																		
A8-SEQUENCE III																		
B1-SQUARE CUT																		
B2-KEYSTONE																		
B3-C13-STYLE																		
B4-SQUARE CUT																		
B5-SEQUENCE III																		
B6-ARTICULATED 2-PIECE																		
B7-SEQUENCE III																		
B8-SEQUENCE III																		
C1-SQUARE CUT	-1.22	-0.49	-0.01	1.00	-0.20	-0.03	-0.54	-0.11										
C2-KEYSTONE	1.19	-2.15	0.01		0.09	0.95		0.90	-1.64	-0.67	0.17	0.02	-0.17	-0.87				
C3-C13-STYLE	0.57	0.00	-0.67		0.63	-0.97	-0.97			-0.31	-0.38							
C4-SQUARE CUT	0.85	0.37	1.00	1.26	-0.07	0.19	-0.65	0.47										
C5-SEQUENCE III	1.47	1.88	0.00		0.17	-1.13					2.94				-1.08	-0.96		
C6-ARTICULATED 2-PIECE	1.76	-0.26	-0.69		0.22	-1.66	-0.62	2.08		-0.98	0.21	-0.16	2.12	1.90			-0.10	
C7-SEQUENCE III	-0.57	1.39	-0.90		-0.36	-0.21					-1.19	-0.21			-0.56	-1.50		
C8-SEQUENCE III	-0.65	3.16	0.92		-0.35	-0.29					-1.09				-0.71	-0.79		
CAL1A-CALIBRATION PISTON	0.81	-1.07	-0.24		-1.96	-0.42		-0.42										
CAL1B-CALIBRATION PISTON	0.49	-0.55	0.95		-1.94	-0.84		0.39										
CAL1C-CALIBRATION PISTON																		
CAL1D-CALIBRATION PISTON																		
M1-CAL D4V PISTON																		
N1-CAL D4V PISTON	0.47	0.14	-1.22		-0.05	0.13												
O1-CAL D4V PISTON	-0.68	-0.30	0.58		0.40	-1.13												
X1-D4V PISTON	0.48	-1.70	0.84		0.59	0.09												
Y1-D4V PISTON																		
Z1-D4V PISTON	-0.34	-0.32	0.36		-0.24	0.69												
MAXIMUM	1.76	3.16	-1.22	1.26	-1.96	-1.66	-0.97	2.08	-1.64	-0.98	2.94	-0.16	2.12	1.90	-1.08	-1.50	-0.10	
MINIMUM	-0.34	0.00	0.00	1.00	-0.05	-0.03	-0.54	-0.11	-1.64	-0.31	0.17	0.02	-0.17	-0.87	-0.56	-0.79	-0.10	
RANGE(MAX-MIN)	2.100	3.160	-1.220	0.260	-1.910	-1.630	-0.430	2.190	0.000	-0.670	2.770	-0.180	2.290	2.770	-0.520	-0.710	0.000	
MEAN	0.331	0.007	0.066	1.130	-0.219	-0.331	-0.695	0.552	-1.640	-0.653	0.110	-0.070	0.975	0.515	-0.783	-1.083	-0.100	
STANDARD DEVIATION	0.892	1.389	0.741	0.184	0.798	0.743	0.189	0.880	0.000	0.335	1.509	0.127	1.619	1.959	0.268	0.371	0.000	

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= Sugita, Takashi

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	G4TOT	L2TOT	L3TOT	L4TOT	TGF	USTOT	L1TOT	UCTOT	SGF	TLHC	TLFC	THTOT	ATTOT	OCTOT	
A1-SQUARE CUT	-0.18	-0.57	1.68	2.34	0.61	1.50	1.53	-0.88										
A2-KEystone	-0.65	-0.65	1.02		0.39	-0.26		0.05	1.56	0.37	1.20	-0.30	0.00	0.82				
A3-C13-STYLE	-0.04	-0.18	0.83		0.16	1.19	0.10			-0.02	1.06							
A4-SQUARE CUT	0.88	-0.38	2.56	2.90	0.31	1.69	1.38	0.08										
A5-SEQUENCE III	-0.07	-0.13	1.57		1.25	-0.46					-0.89				2.48	2.60		
A6-ARTICULATED 2-PIECE	-0.32	-0.25	1.21		0.61	0.94	2.21	0.10		-0.22	-0.36	0.63	0.72	0.76			0.96	
A7-SEQUENCE III	-0.45	-1.35	1.07		-0.36	-0.40					-0.74				2.37	2.59		
A8-SEQUENCE III	0.08	-0.57	0.30		-0.19	-0.51					-0.80				2.45	2.59		
B1-SQUARE CUT																		
B2-KEYSTONE																		
B3-C13-STYLE																		
B4-SQUARE CUT																		
B5-SEQUENCE III																		
B6-ARTICULATED 2-PIECE																		
B7-SEQUENCE III																		
B8-SEQUENCE III																		
C1-SQUARE CUT																		
C2-KEYSTONE																		
C3-C13-STYLE																		
C4-SQUARE CUT																		
C5-SEQUENCE III																		
C6-ARTICULATED 2-PIECE																		
C7-SEQUENCE III																		
C8-SEQUENCE III																		
CAL1A-CALIBRATION PISTON	0.60	-0.20	-0.30		-0.29	-0.30		-1.42										
CAL1B-CALIBRATION PISTON																		
CAL1C-CALIBRATION PISTON	0.74	-1.48	1.58		1.42	-0.25		0.13										
CAL1D-CALIBRATION PISTON	1.12	-1.21	0.97		-0.47	2.87		0.16										
M1-CAL D4V PISTON																		
N1-CAL D4V PISTON																		
O1-CAL D4V PISTON																		
X1-D4V PISTON																		
Y1-D4V PISTON	2.11	2.87	0.00		1.18	-0.64												
Z1-D4V PISTON	0.94	1.18	0.52		-0.24	-1.70												
MAXIMUM	2.11	2.87	2.56	2.90	1.42	2.87	2.21	-1.42	1.56	0.37	1.20	0.63	0.72	0.82	2.48	2.60	0.96	
MINIMUM	-0.04	-0.13	0.00	2.34	0.16	-0.25	0.10	0.05	1.56	-0.02	-0.36	-0.30	0.00	0.76	2.37	2.59	0.96	
RANGE(MAX-MIN)	2.150	3.000	2.560	0.560	1.260	3.120	2.110	-1.470	0.000	0.390	1.560	0.930	0.720	0.060	0.110	0.010	0.000	
MEAN	0.366	-0.225	1.001	2.620	0.337	0.282	1.305	-0.254	1.560	0.043	-0.088	0.165	0.360	0.790	2.433	2.593	0.960	
STANDARD DEVIATION	0.780	1.148	0.766	0.396	0.648	1.250	0.881	0.632	0.000	0.300	0.962	0.658	0.509	0.042	0.057	0.006	0.000	

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= Trevino, Bobby

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	G4TOT	L2TOT	L3TOT	L4TOT	TGF	USTOT	L1TOT	UCTOT	SGF	TLHC	TLFC	THTOT	ATTOT	OCTOT
A1-SQUARE CUT																	
A2-KEYSTONE																	
A3-C13-STYLE																	
A4-SQUARE CUT																	
A5-SEQUENCE III	-0.87	-1.08	0.16		-0.80	-0.35					-0.38				-0.59	-0.61	
A6-ARTICULATED 2-PIECE																	
A7-SEQUENCE III																	
A8-SEQUENCE III																	
B1-SQUARE CUT	0.58	0.65	-0.66	-0.56	-0.72	-0.79	-0.05	-0.17									
B2-KEYSTONE	-0.34	-0.40	-0.25		-0.55	-0.54		-0.26	0.77	0.07	0.35	-0.12	0.00	-0.47			
B3-C13-STYLE																	
B4-SQUARE CUT	-0.54	-0.75	0.13	0.34	0.41	-0.51	-0.90	-0.11									
B5-SEQUENCE III	-0.01	-0.45	-1.02		-0.28	0.45					0.06				-0.62	-0.41	
B6-ARTICULATED 2-PIECE	-0.52	-0.48	0.07		-1.58	0.63	0.92	-0.73		-0.08	-0.15	-0.55	0.00	0.00			-0.49
B7-SEQUENCE III	-0.21	-0.52	-0.26		-0.32	0.25					0.65				-0.41	-0.76	
B8-SEQUENCE III	0.16	-0.21	-0.13		0.25	-0.42					-0.03				-0.92	-2.02	
C1-SQUARE CUT																	
C2-KEYSTONE																	
C3-C13-STYLE																	
C4-SQUARE CUT																	
C5-SEQUENCE III																	
C6-ARTICULATED 2-PIECE																	
C7-SEQUENCE III																	
C8-SEQUENCE III																	
CAL1A-CALIBRATION PISTON	-0.08	-0.15	-0.14		-0.06	-0.05		-0.09									
CAL1B-CALIBRATION PISTON																	
CAL1C-CALIBRATION PISTON																	
CAL1D-CALIBRATION PISTON	0.54	-0.26	0.68		-0.76	0.25		0.16									
M1-CAL D4V PISTON																	
N1-CAL D4V PISTON																	
O1-CAL D4V PISTON	0.13	-0.29	-0.21		-0.18	0.28											
X1-D4V PISTON																	
Y1-D4V PISTON																	
Z1-D4V PISTON																	
MAXIMUM	-0.87	-1.08	-1.02	-0.56	-1.58	-0.79	0.92	-0.73	0.77	-0.08	0.65	-0.55	0.00	-0.47	-0.92	-2.02	-0.49
MINIMUM	-0.01	-0.15	0.07	0.34	-0.06	-0.05	-0.05	-0.09	0.77	0.07	-0.03	-0.12	0.00	0.00	-0.41	-0.41	-0.49
RANGE(MAX-MIN)	-0.860	-0.930	-1.090	-0.900	-1.520	-0.740	0.970	-0.640	0.000	-0.150	0.680	-0.430	0.000	-0.470	-0.510	-1.610	0.000
MEAN	-0.105	-0.358	-0.148	-0.110	-0.417	-0.073	-0.010	-0.200	0.770	-0.005	0.083	-0.335	0.000	-0.235	-0.635	-0.950	-0.490
STANDARD DEVIATION	0.451	0.427	0.442	0.636	0.554	0.471	0.911	0.295	0.000	0.106	0.367	0.304	0.000	0.332	0.211	0.728	0.000

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= Viera, Ralph B.

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	G4TOT	L2TOT	L3TOT	L4TOT	TGF	USTOT	L1TOT	UCTOT	SGF	TLHC	TLFC	THTOT	ATTOT	OCTOT
A1-SQUARE CUT																	
A2-KEYSTONE																	
A3-C13-STYLE																	
A4-SQUARE CUT																	
A5-SEQUENCE III																	
A6-ARTICULATED 2-PIECE																	
A7-SEQUENCE III																	
A8-SEQUENCE III																	
B1-SQUARE CUT																	
B2-KEYSTONE																	
B3-C13-STYLE																	
B4-SQUARE CUT																	
B5-SEQUENCE III																	
B6-ARTICULATED 2-PIECE																	
B7-SEQUENCE III																	
B8-SEQUENCE III																	
C1-SQUARE CUT	0.37	0.45	1.68	0.90	-0.07	-0.57	0.59	0.44									
C2-KEYSTONE	0.10	-0.17	0.52		-0.34	-0.83		-0.01	0.33	-0.18	0.21	0.21	-0.17	0.87			
C3-C13-STYLE	0.57	1.47	2.12		-0.65	0.47	0.77			0.49	1.80						
C4-SQUARE CUT	0.90	-1.13	0.01	0.80	0.01	-0.30	0.11	-0.20									
C5-SEQUENCE III	0.03	-0.09	-0.22		0.45	0.58					-0.23				-0.71	-0.60	
C6-ARTICULATED 2-PIECE	-0.41	0.13	1.93		0.15	0.36	-0.81	-0.88		0.55	1.11	-0.16	0.00	1.90			-0.66
C7-SEQUENCE III	0.58	-0.26	0.37		-0.29	-0.34					1.02				-1.12	-0.31	
C8-SEQUENCE III																	
CAL1A-CALIBRATION PISTON																	
CAL1B-CALIBRATION PISTON	-2.04	0.88	0.02		0.19	-0.36		0.39									
CAL1C-CALIBRATION PISTON	-0.76	0.78	-0.98		0.03	-0.37		0.34									
CAL1D-CALIBRATION PISTON																	
M1-CAL D4V PISTON																	
N1-CAL D4V PISTON																	
O1-CAL D4V PISTON																	
X1-D4V PISTON																	
Y1-D4V PISTON																	
Z1-D4V PISTON																	
MAXIMUM	-2.04	1.47	2.12	0.90	-0.65	-0.83	-0.81	-0.88	0.33	0.55	1.80	0.21	-0.17	1.90	-1.12	-0.60	-0.66
MINIMUM	0.03	-0.09	0.01	0.80	0.01	-0.30	0.11	-0.01	0.33	-0.18	0.21	-0.16	0.00	0.87	-0.71	-0.31	-0.66
RANGE(MAX-MIN)	-2.070	1.560	2.110	0.100	-0.660	-0.530	-0.920	-0.870	0.000	0.730	1.590	0.370	-0.170	1.030	-0.410	-0.290	0.000
MEAN	-0.073	0.229	0.606	0.850	-0.058	-0.151	0.165	0.013	0.330	0.287	0.782	0.025	-0.085	1.385	-0.915	-0.455	-0.660
STANDARD DEVIATION	0.900	0.764	1.070	0.071	0.328	0.496	0.707	0.505	0.000	0.405	0.799	0.262	0.120	0.728	0.290	0.205	0.000

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= Zalewski, John

YI Values

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

PartID	G1TOT	G2TOT	G3TOT	G4TOT	L2TOT	L3TOT	L4TOT	TGF	USTOT	L1TOT	UCTOT	SGF	TLHC	TLFC	THTOT	ATTOT	OCTOT
A1-SQUARE CUT	1.26	-0.42	-0.82	-0.58	1.49	-0.51	-0.03	0.82									
A2-KEystone	-0.41	-0.63	-0.07		0.22	-0.31		-0.13	-0.45	-0.91	-0.10	-0.17	0.00	-0.51			
A3-C13-STYLE	-2.51	1.06	1.96		-1.41	2.24	2.64			-2.64	1.14						
A4-SQUARE CUT	0.97	-0.56	-0.32	-0.68	-0.62	-0.79	-0.60	1.65									
A5-SEQUENCE III	0.78	-0.45	0.88		1.00	0.15					2.15				0.84	0.05	
A6-ARTICULATED 2-PIECE	0.13	0.09	-1.28		-0.61	-0.93	-0.87	0.12		0.20	0.57	0.88	1.28	-0.83			0.52
A7-SEQUENCE III	0.07	1.84	0.16		0.94	-0.34					1.51				-0.51	-0.43	
A8-SEQUENCE III	-0.39	-0.54	-0.77		0.25	-0.53					1.45				-0.34	-0.30	
B1-SQUARE CUT																	
B2-KEYSTONE																	
B3-C13-STYLE																	
B4-SQUARE CUT																	
B5-SEQUENCE III																	
B6-ARTICULATED 2-PIECE																	
B7-SEQUENCE III																	
B8-SEQUENCE III																	
C1-SQUARE CUT																	
C2-KEYSTONE																	
C3-C13-STYLE																	
C4-SQUARE CUT																	
C5-SEQUENCE III																	
C6-ARTICULATED 2-PIECE																	
C7-SEQUENCE III																	
C8-SEQUENCE III																	
CAL1A-CALIBRATION PISTON																	
CAL1B-CALIBRATION PISTON	1.09	0.61	-0.91		-0.82	-0.34		0.79									
CAL1C-CALIBRATION PISTON																	
CAL1D-CALIBRATION PISTON	0.77	-0.06	0.05		-0.73	-1.75		1.01									
M1-CAL D4V PISTON	-0.72	-0.12	0.34		-0.44	0.15											
N1-CAL D4V PISTON	-0.27	-0.18	0.90		0.36	0.82											
O1-CAL D4V PISTON																	
X1-D4V PISTON																	
Y1-D4V PISTON	-0.54	-0.89	-0.31		0.50	0.34											
Z1-D4V PISTON	-1.78	-2.57	-0.77		0.55	0.26											
MAXIMUM	-2.51	-2.57	1.96	-0.68	1.49	2.24	2.64	1.65	-0.45	-2.64	2.15	0.88	1.28	-0.83	0.84	-0.43	0.52
MINIMUM	0.07	-0.06	0.05	-0.58	0.22	0.15	-0.03	0.12	-0.45	0.20	-0.10	-0.17	0.00	-0.51	-0.34	0.05	0.52
RANGE(MAX-MIN)	-2.580	-2.510	1.910	-0.100	1.270	2.090	2.670	1.530	0.000	-2.840	2.250	1.050	1.280	-0.320	1.180	-0.480	0.000
MEAN	-0.111	-0.201	-0.069	-0.630	0.049	-0.110	0.285	0.710	-0.450	-1.117	1.120	0.355	0.640	-0.670	-0.003	-0.227	0.520
STANDARD DEVIATION	1.090	1.006	0.878	0.071	0.832	0.927	1.609	0.640	0.000	1.431	0.789	0.742	0.905	0.226	0.735	0.248	0.000

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= Avis, Steven

YI Values

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

PartID	PSV	AVERAG	
E1-4-1-CAL. SEQ V PISTONS			
E1-4-2-CAL. SEQ V PISTONS			
E1-4-3-CAL. SEQ V PISTONS			
E1-4-4-CAL. SEQ V PISTONS			
F1-4-1-CAL. SEQ V PISTONS			
F1-4-2-CAL. SEQ V PISTONS			
F1-4-3-CAL. SEQ V PISTONS			
F1-4-4-CAL. SEQ V PISTONS			
G1-4-1-CAL. SEQ V PISTONS			
G1-4-2-CAL. SEQ V PISTONS			
G1-4-3-CAL. SEQ V PISTONS			
G1-4-4-CAL. SEQ V PISTONS			
P1-8-1-SEQ V PISTONS	0.51		
P1-8-2-SEQ V PISTONS	1.04		
P1-8-3-SEQ V PISTONS	0.64		
P1-8-4-SEQ V PISTONS	0.79		
P1-8-5-SEQ V PISTONS	0.81		
P1-8-6-SEQ V PISTONS	1.07		
P1-8-7-SEQ V PISTONS	1.05		
P1-8-8-SEQ V PISTONS	1.21		
Q1-8-1-SEQ V PISTONS			
Q1-8-2-SEQ V PISTONS			
Q1-8-3-SEQ V PISTONS			
Q1-8-4-SEQ V PISTONS			
Q1-8-5-SEQ V PISTONS			
Q1-8-6-SEQ V PISTONS			
Q1-8-7-SEQ V PISTONS			
Q1-8-8-SEQ V PISTONS			
R1-8-1-SEQ V PISTONS	0.61		
R1-8-2-SEQ V PISTONS	0.82		
R1-8-3-SEQ V PISTONS	0.84		
R1-8-4-SEQ V PISTONS	0.39		
R1-8-5-SEQ V PISTONS	0.66		
R1-8-6-SEQ V PISTONS	0.75		
R1-8-7-SEQ V PISTONS	0.83		
R1-8-8-SEQ V PISTONS	0.67		
VRCBVL-VG RC BFL VARN L		-0.27	
VRCBVR-VG RC BFL VARN R		-0.76	
VVCALL-CAL RC BFL VARN L		-0.27	
VVCALR-CAL RC BFL VARN R		-0.69	
MAXIMUM	1.21	-0.76	
MINIMUM	0.39	-0.27	
RANGE(MAX-MIN)	0.820	-0.490	
MEAN	0.793	-0.498	
STANDARD DEVIATION	0.219	0.264	

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= Barrera, Tony

Yi Values

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

PartID	PSV	AVERAG	
E1-4-1-CAL. SEQ V PISTONS	-0.56		
E1-4-2-CAL. SEQ V PISTONS	-0.35		
E1-4-3-CAL. SEQ V PISTONS	-0.35		
E1-4-4-CAL. SEQ V PISTONS	0.20		
F1-4-1-CAL. SEQ V PISTONS			
F1-4-2-CAL. SEQ V PISTONS			
F1-4-3-CAL. SEQ V PISTONS			
F1-4-4-CAL. SEQ V PISTONS			
G1-4-1-CAL. SEQ V PISTONS	-0.21		
G1-4-2-CAL. SEQ V PISTONS	-0.15		
G1-4-3-CAL. SEQ V PISTONS	-0.07		
G1-4-4-CAL. SEQ V PISTONS	0.33		
P1-8-1-SEQ V PISTONS	0.18		
P1-8-2-SEQ V PISTONS	0.26		
P1-8-3-SEQ V PISTONS	0.14		
P1-8-4-SEQ V PISTONS	-0.05		
P1-8-5-SEQ V PISTONS	0.13		
P1-8-6-SEQ V PISTONS	0.07		
P1-8-7-SEQ V PISTONS	-0.22		
P1-8-8-SEQ V PISTONS	-0.02		
Q1-8-1-SEQ V PISTONS	0.40		
Q1-8-2-SEQ V PISTONS	0.39		
Q1-8-3-SEQ V PISTONS	-0.60		
Q1-8-4-SEQ V PISTONS	-0.29		
Q1-8-5-SEQ V PISTONS	-0.53		
Q1-8-6-SEQ V PISTONS	0.13		
Q1-8-7-SEQ V PISTONS	0.26		
Q1-8-8-SEQ V PISTONS	0.42		
R1-8-1-SEQ V PISTONS	0.25		
R1-8-2-SEQ V PISTONS	0.13		
R1-8-3-SEQ V PISTONS	-0.01		
R1-8-4-SEQ V PISTONS	0.24		
R1-8-5-SEQ V PISTONS	0.23		
R1-8-6-SEQ V PISTONS	0.17		
R1-8-7-SEQ V PISTONS	-0.12		
R1-8-8-SEQ V PISTONS	-0.02		
VRCBVL-VG RC BFL VARN L		0.36	
VRCBVR-VG RC BFL VARN R		0.37	
VVCALL-CAL RC BFL VARN L		0.59	
VVCALR-CAL RC BFL VARN R		0.49	
MAXIMUM	-0.60	0.59	
MINIMUM	-0.01	0.36	
RANGE(MAX-MIN)	-0.590	0.230	
MEAN	0.012	0.453	
STANDARD DEVIATION	0.284	0.109	

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= Castile, Kevin

YI Values

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

PartID	PSV	AVERAG
E1-4-1-CAL. SEQ V PISTONS		
E1-4-2-CAL. SEQ V PISTONS		
E1-4-3-CAL. SEQ V PISTONS		
E1-4-4-CAL. SEQ V PISTONS		
F1-4-1-CAL. SEQ V PISTONS	-0.28	
F1-4-2-CAL. SEQ V PISTONS	-1.08	
F1-4-3-CAL. SEQ V PISTONS	-1.22	
F1-4-4-CAL. SEQ V PISTONS	-1.41	
G1-4-1-CAL. SEQ V PISTONS	-2.54	
G1-4-2-CAL. SEQ V PISTONS	-2.28	
G1-4-3-CAL. SEQ V PISTONS	-1.90	
G1-4-4-CAL. SEQ V PISTONS	-1.95	
P1-8-1-SEQ V PISTONS		
P1-8-2-SEQ V PISTONS		
P1-8-3-SEQ V PISTONS		
P1-8-4-SEQ V PISTONS		
P1-8-5-SEQ V PISTONS		
P1-8-6-SEQ V PISTONS		
P1-8-7-SEQ V PISTONS		
P1-8-8-SEQ V PISTONS		
Q1-8-1-SEQ V PISTONS	-1.23	
Q1-8-2-SEQ V PISTONS	-1.50	
Q1-8-3-SEQ V PISTONS	-1.21	
Q1-8-4-SEQ V PISTONS	-1.46	
Q1-8-5-SEQ V PISTONS	-1.99	
Q1-8-6-SEQ V PISTONS	-0.72	
Q1-8-7-SEQ V PISTONS	-0.72	
Q1-8-8-SEQ V PISTONS	0.17	
R1-8-1-SEQ V PISTONS		
R1-8-2-SEQ V PISTONS		
R1-8-3-SEQ V PISTONS		
R1-8-4-SEQ V PISTONS		
R1-8-5-SEQ V PISTONS		
R1-8-6-SEQ V PISTONS		
R1-8-7-SEQ V PISTONS		
R1-8-8-SEQ V PISTONS		
VRCBVL-VG RC BFL VARN L		
VRCBVR-VG RC BFL VARN R		
VVCALL-CAL RC BFL VARN L		
VVCALR-CAL RC BFL VARN R		
MAXIMUM	-2.54	
MINIMUM	0.17	
RANGE(MAX-MIN)	-2.710	
MEAN	-1.333	
STANDARD DEVIATION	0.719	

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= Castillo, George

YI Values

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

PartID	PSV	AVERAG	
E1-4-1-CAL. SEQ V PISTONS	-0.17		
E1-4-2-CAL. SEQ V PISTONS	-0.85		
E1-4-3-CAL. SEQ V PISTONS	-1.15		
E1-4-4-CAL. SEQ V PISTONS	0.07		
F1-4-1-CAL. SEQ V PISTONS	0.09		
F1-4-2-CAL. SEQ V PISTONS	0.02		
F1-4-3-CAL. SEQ V PISTONS	0.47		
F1-4-4-CAL. SEQ V PISTONS	0.01		
G1-4-1-CAL. SEQ V PISTONS			
G1-4-2-CAL. SEQ V PISTONS			
G1-4-3-CAL. SEQ V PISTONS			
G1-4-4-CAL. SEQ V PISTONS			
P1-8-1-SEQ V PISTONS			
P1-8-2-SEQ V PISTONS			
P1-8-3-SEQ V PISTONS			
P1-8-4-SEQ V PISTONS			
P1-8-5-SEQ V PISTONS			
P1-8-6-SEQ V PISTONS			
P1-8-7-SEQ V PISTONS			
P1-8-8-SEQ V PISTONS			
Q1-8-1-SEQ V PISTONS			
Q1-8-2-SEQ V PISTONS			
Q1-8-3-SEQ V PISTONS			
Q1-8-4-SEQ V PISTONS			
Q1-8-5-SEQ V PISTONS			
Q1-8-6-SEQ V PISTONS			
Q1-8-7-SEQ V PISTONS			
Q1-8-8-SEQ V PISTONS			
R1-8-1-SEQ V PISTONS			
R1-8-2-SEQ V PISTONS			
R1-8-3-SEQ V PISTONS			
R1-8-4-SEQ V PISTONS			
R1-8-5-SEQ V PISTONS			
R1-8-6-SEQ V PISTONS			
R1-8-7-SEQ V PISTONS			
R1-8-8-SEQ V PISTONS			
VRCBVL-VG RC BFL VARN L		1.36	
VRCBVR-VG RC BFL VARN R		-2.79	
VVCALL-CAL RC BFL VARN L		-1.70	
VVCALR-CAL RC BFL VARN R		-0.22	
MAXIMUM	-1.15	-2.79	
MINIMUM	0.01	-0.22	
RANGE(MAX-MIN)	-1.160	-2.570	
MEAN	-0.189	-0.838	
STANDARD DEVIATION	0.538	1.804	

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= Chao, Kenneth

YI Values

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

PartID	PSV	AVERAG
E1-4-1-CAL. SEQ V PISTONS	-1.01	
E1-4-2-CAL. SEQ V PISTONS	-0.32	
E1-4-3-CAL. SEQ V PISTONS	-0.29	
E1-4-4-CAL. SEQ V PISTONS	0.13	
F1-4-1-CAL. SEQ V PISTONS		
F1-4-2-CAL. SEQ V PISTONS		
F1-4-3-CAL. SEQ V PISTONS		
F1-4-4-CAL. SEQ V PISTONS		
G1-4-1-CAL. SEQ V PISTONS	-0.05	
G1-4-2-CAL. SEQ V PISTONS	-0.17	
G1-4-3-CAL. SEQ V PISTONS	0.09	
G1-4-4-CAL. SEQ V PISTONS	-0.05	
P1-8-1-SEQ V PISTONS		
P1-8-2-SEQ V PISTONS		
P1-8-3-SEQ V PISTONS		
P1-8-4-SEQ V PISTONS		
P1-8-5-SEQ V PISTONS		
P1-8-6-SEQ V PISTONS		
P1-8-7-SEQ V PISTONS		
P1-8-8-SEQ V PISTONS		
Q1-8-1-SEQ V PISTONS	-1.12	
Q1-8-2-SEQ V PISTONS	-0.67	
Q1-8-3-SEQ V PISTONS	-0.17	
Q1-8-4-SEQ V PISTONS	0.46	
Q1-8-5-SEQ V PISTONS	-0.59	
Q1-8-6-SEQ V PISTONS	0.78	
Q1-8-7-SEQ V PISTONS	1.07	
Q1-8-8-SEQ V PISTONS	0.93	
R1-8-1-SEQ V PISTONS	-0.30	
R1-8-2-SEQ V PISTONS	-0.20	
R1-8-3-SEQ V PISTONS	-0.15	
R1-8-4-SEQ V PISTONS	-0.06	
R1-8-5-SEQ V PISTONS	-0.12	
R1-8-6-SEQ V PISTONS	0.00	
R1-8-7-SEQ V PISTONS	-0.03	
R1-8-8-SEQ V PISTONS	0.09	
VRCBVL-VG RC BFL VARN L		
VRCBVR-VG RC BFL VARN R		
VVCALL-CAL RC BFL VARN L		
VVCALR-CAL RC BFL VARN R		
MAXIMUM	-1.12	
MINIMUM	0.00	
RANGE(MAX-MIN)	-1.120	
MEAN	-0.073	
STANDARD DEVIATION	0.520	

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= Clapperty, Leon

YI Values

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

PartID	PSV	AVERAG
E1-4-1-CAL. SEQ V PISTONS		
E1-4-2-CAL. SEQ V PISTONS		
E1-4-3-CAL. SEQ V PISTONS		
E1-4-4-CAL. SEQ V PISTONS		
F1-4-1-CAL. SEQ V PISTONS		
F1-4-2-CAL. SEQ V PISTONS		
F1-4-3-CAL. SEQ V PISTONS		
F1-4-4-CAL. SEQ V PISTONS		
G1-4-1-CAL. SEQ V PISTONS		
G1-4-2-CAL. SEQ V PISTONS		
G1-4-3-CAL. SEQ V PISTONS		
G1-4-4-CAL. SEQ V PISTONS		
P1-8-1-SEQ V PISTONS		
P1-8-2-SEQ V PISTONS		
P1-8-3-SEQ V PISTONS		
P1-8-4-SEQ V PISTONS		
P1-8-5-SEQ V PISTONS		
P1-8-6-SEQ V PISTONS		
P1-8-7-SEQ V PISTONS		
P1-8-8-SEQ V PISTONS		
Q1-8-1-SEQ V PISTONS		
Q1-8-2-SEQ V PISTONS		
Q1-8-3-SEQ V PISTONS		
Q1-8-4-SEQ V PISTONS		
Q1-8-5-SEQ V PISTONS		
Q1-8-6-SEQ V PISTONS		
Q1-8-7-SEQ V PISTONS		
Q1-8-8-SEQ V PISTONS		
R1-8-1-SEQ V PISTONS		
R1-8-2-SEQ V PISTONS		
R1-8-3-SEQ V PISTONS		
R1-8-4-SEQ V PISTONS		
R1-8-5-SEQ V PISTONS		
R1-8-6-SEQ V PISTONS		
R1-8-7-SEQ V PISTONS		
R1-8-8-SEQ V PISTONS		
VRCBVL-VG RC BFL VARN L		1.65
VRCBVR-VG RC BFL VARN R		0.80
VVCALL-CAL RC BFL VARN L		0.95
VVCALR-CAL RC BFL VARN R		0.78
MAXIMUM		1.65
MINIMUM		0.78
RANGE(MAX-MIN)		0.870
MEAN		1.045
STANDARD DEVIATION		0.410

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= Clare, Jamie

YI Values

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

PartID	PSV	AVERAG	
E1-4-1-CAL. SEQ V PISTONS			
E1-4-2-CAL. SEQ V PISTONS			
E1-4-3-CAL. SEQ V PISTONS			
E1-4-4-CAL. SEQ V PISTONS			
F1-4-1-CAL. SEQ V PISTONS			
F1-4-2-CAL. SEQ V PISTONS			
F1-4-3-CAL. SEQ V PISTONS			
F1-4-4-CAL. SEQ V PISTONS			
G1-4-1-CAL. SEQ V PISTONS			
G1-4-2-CAL. SEQ V PISTONS			
G1-4-3-CAL. SEQ V PISTONS			
G1-4-4-CAL. SEQ V PISTONS			
P1-8-1-SEQ V PISTONS			
P1-8-2-SEQ V PISTONS			
P1-8-3-SEQ V PISTONS			
P1-8-4-SEQ V PISTONS			
P1-8-5-SEQ V PISTONS			
P1-8-6-SEQ V PISTONS			
P1-8-7-SEQ V PISTONS			
P1-8-8-SEQ V PISTONS			
Q1-8-1-SEQ V PISTONS			
Q1-8-2-SEQ V PISTONS			
Q1-8-3-SEQ V PISTONS			
Q1-8-4-SEQ V PISTONS			
Q1-8-5-SEQ V PISTONS			
Q1-8-6-SEQ V PISTONS			
Q1-8-7-SEQ V PISTONS			
Q1-8-8-SEQ V PISTONS			
R1-8-1-SEQ V PISTONS			
R1-8-2-SEQ V PISTONS			
R1-8-3-SEQ V PISTONS			
R1-8-4-SEQ V PISTONS			
R1-8-5-SEQ V PISTONS			
R1-8-6-SEQ V PISTONS			
R1-8-7-SEQ V PISTONS			
R1-8-8-SEQ V PISTONS			
VRCBVL-VG RC BFL VARN L			
VRCBVR-VG RC BFL VARN R			
VVCALL-CAL RC BFL VARN L			
VVCALR-CAL RC BFL VARN R			
MAXIMUM			
MINIMUM			
RANGE(MAX-MIN)			
MEAN			
STANDARD DEVIATION			

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= Cumberworth, Lee

YI Values

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

PartID	PSV	AVERAG
E1-4-1-CAL. SEQ V PISTONS		
E1-4-2-CAL. SEQ V PISTONS		
E1-4-3-CAL. SEQ V PISTONS		
E1-4-4-CAL. SEQ V PISTONS		
F1-4-1-CAL. SEQ V PISTONS		
F1-4-2-CAL. SEQ V PISTONS		
F1-4-3-CAL. SEQ V PISTONS		
F1-4-4-CAL. SEQ V PISTONS		
G1-4-1-CAL. SEQ V PISTONS		
G1-4-2-CAL. SEQ V PISTONS		
G1-4-3-CAL. SEQ V PISTONS		
G1-4-4-CAL. SEQ V PISTONS		
P1-8-1-SEQ V PISTONS		
P1-8-2-SEQ V PISTONS		
P1-8-3-SEQ V PISTONS		
P1-8-4-SEQ V PISTONS		
P1-8-5-SEQ V PISTONS		
P1-8-6-SEQ V PISTONS		
P1-8-7-SEQ V PISTONS		
P1-8-8-SEQ V PISTONS		
Q1-8-1-SEQ V PISTONS		
Q1-8-2-SEQ V PISTONS		
Q1-8-3-SEQ V PISTONS		
Q1-8-4-SEQ V PISTONS		
Q1-8-5-SEQ V PISTONS		
Q1-8-6-SEQ V PISTONS		
Q1-8-7-SEQ V PISTONS		
Q1-8-8-SEQ V PISTONS		
R1-8-1-SEQ V PISTONS		
R1-8-2-SEQ V PISTONS		
R1-8-3-SEQ V PISTONS		
R1-8-4-SEQ V PISTONS		
R1-8-5-SEQ V PISTONS		
R1-8-6-SEQ V PISTONS		
R1-8-7-SEQ V PISTONS		
R1-8-8-SEQ V PISTONS		
VRCBVL-VG RC BFL VARN L		
VRCBVR-VG RC BFL VARN R		
VVCALL-CAL RC BFL VARN L		0.49
VVCALR-CAL RC BFL VARN R		0.83
MAXIMUM		0.83
MINIMUM		0.49
RANGE(MAX-MIN)		0.340
MEAN		0.660
STANDARD DEVIATION		0.240

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= Foecking, Brian

YI Values

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

PartID	PSV	AVERAG
E1-4-1-CAL. SEQ V PISTONS		
E1-4-2-CAL. SEQ V PISTONS		
E1-4-3-CAL. SEQ V PISTONS		
E1-4-4-CAL. SEQ V PISTONS		
F1-4-1-CAL. SEQ V PISTONS	0.72	
F1-4-2-CAL. SEQ V PISTONS	0.38	
F1-4-3-CAL. SEQ V PISTONS	-0.04	
F1-4-4-CAL. SEQ V PISTONS	0.09	
G1-4-1-CAL. SEQ V PISTONS	0.28	
G1-4-2-CAL. SEQ V PISTONS	0.62	
G1-4-3-CAL. SEQ V PISTONS	0.28	
G1-4-4-CAL. SEQ V PISTONS	-0.39	
P1-8-1-SEQ V PISTONS	0.49	
P1-8-2-SEQ V PISTONS	0.47	
P1-8-3-SEQ V PISTONS	0.71	
P1-8-4-SEQ V PISTONS	0.12	
P1-8-5-SEQ V PISTONS	-0.05	
P1-8-6-SEQ V PISTONS	0.00	
P1-8-7-SEQ V PISTONS	-0.17	
P1-8-8-SEQ V PISTONS	-0.67	
Q1-8-1-SEQ V PISTONS	1.15	
Q1-8-2-SEQ V PISTONS	0.98	
Q1-8-3-SEQ V PISTONS	1.60	
Q1-8-4-SEQ V PISTONS	0.92	
Q1-8-5-SEQ V PISTONS	1.62	
Q1-8-6-SEQ V PISTONS	-0.15	
Q1-8-7-SEQ V PISTONS	0.19	
Q1-8-8-SEQ V PISTONS	-0.51	
R1-8-1-SEQ V PISTONS		
R1-8-2-SEQ V PISTONS		
R1-8-3-SEQ V PISTONS		
R1-8-4-SEQ V PISTONS		
R1-8-5-SEQ V PISTONS		
R1-8-6-SEQ V PISTONS		
R1-8-7-SEQ V PISTONS		
R1-8-8-SEQ V PISTONS		
VRCBVL-VG RC BFL VARN L		-1.26
VRCBVR-VG RC BFL VARN R		-0.33
VVCALL-CAL RC BFL VARN L		0.75
VVCALR-CAL RC BFL VARN R		0.64
MAXIMUM	1.62	-1.26
MINIMUM	0.00	-0.33
RANGE(MAX-MIN)	1.620	-0.930
MEAN	0.360	-0.050
STANDARD DEVIATION	0.602	0.941

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= Fujita, Hirokazu

YI Values

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

PartID	PSV	AVERAG	
E1-4-1-CAL. SEQ V PISTONS			
E1-4-2-CAL. SEQ V PISTONS			
E1-4-3-CAL. SEQ V PISTONS			
E1-4-4-CAL. SEQ V PISTONS			
F1-4-1-CAL. SEQ V PISTONS			
F1-4-2-CAL. SEQ V PISTONS			
F1-4-3-CAL. SEQ V PISTONS			
F1-4-4-CAL. SEQ V PISTONS			
G1-4-1-CAL. SEQ V PISTONS			
G1-4-2-CAL. SEQ V PISTONS			
G1-4-3-CAL. SEQ V PISTONS			
G1-4-4-CAL. SEQ V PISTONS			
P1-8-1-SEQ V PISTONS			
P1-8-2-SEQ V PISTONS			
P1-8-3-SEQ V PISTONS			
P1-8-4-SEQ V PISTONS			
P1-8-5-SEQ V PISTONS			
P1-8-6-SEQ V PISTONS			
P1-8-7-SEQ V PISTONS			
P1-8-8-SEQ V PISTONS			
Q1-8-1-SEQ V PISTONS			
Q1-8-2-SEQ V PISTONS			
Q1-8-3-SEQ V PISTONS			
Q1-8-4-SEQ V PISTONS			
Q1-8-5-SEQ V PISTONS			
Q1-8-6-SEQ V PISTONS			
Q1-8-7-SEQ V PISTONS			
Q1-8-8-SEQ V PISTONS			
R1-8-1-SEQ V PISTONS			
R1-8-2-SEQ V PISTONS			
R1-8-3-SEQ V PISTONS			
R1-8-4-SEQ V PISTONS			
R1-8-5-SEQ V PISTONS			
R1-8-6-SEQ V PISTONS			
R1-8-7-SEQ V PISTONS			
R1-8-8-SEQ V PISTONS			
VRCBVL-VG RC BFL VARN L			
VRCBVR-VG RC BFL VARN R			
VVCALL-CAL RC BFL VARN L			
VVCALR-CAL RC BFL VARN R			
MAXIMUM			
MINIMUM			
RANGE(MAX-MIN)			
MEAN			
STANDARD DEVIATION			

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= Greenland, Paul

YI Values

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

PartID	PSV	AVERAG	
E1-4-1-CAL. SEQ V PISTONS			
E1-4-2-CAL. SEQ V PISTONS			
E1-4-3-CAL. SEQ V PISTONS			
E1-4-4-CAL. SEQ V PISTONS			
F1-4-1-CAL. SEQ V PISTONS			
F1-4-2-CAL. SEQ V PISTONS			
F1-4-3-CAL. SEQ V PISTONS			
F1-4-4-CAL. SEQ V PISTONS			
G1-4-1-CAL. SEQ V PISTONS			
G1-4-2-CAL. SEQ V PISTONS			
G1-4-3-CAL. SEQ V PISTONS			
G1-4-4-CAL. SEQ V PISTONS			
P1-8-1-SEQ V PISTONS			
P1-8-2-SEQ V PISTONS			
P1-8-3-SEQ V PISTONS			
P1-8-4-SEQ V PISTONS			
P1-8-5-SEQ V PISTONS			
P1-8-6-SEQ V PISTONS			
P1-8-7-SEQ V PISTONS			
P1-8-8-SEQ V PISTONS			
Q1-8-1-SEQ V PISTONS			
Q1-8-2-SEQ V PISTONS			
Q1-8-3-SEQ V PISTONS			
Q1-8-4-SEQ V PISTONS			
Q1-8-5-SEQ V PISTONS			
Q1-8-6-SEQ V PISTONS			
Q1-8-7-SEQ V PISTONS			
Q1-8-8-SEQ V PISTONS			
R1-8-1-SEQ V PISTONS			
R1-8-2-SEQ V PISTONS			
R1-8-3-SEQ V PISTONS			
R1-8-4-SEQ V PISTONS			
R1-8-5-SEQ V PISTONS			
R1-8-6-SEQ V PISTONS			
R1-8-7-SEQ V PISTONS			
R1-8-8-SEQ V PISTONS			
VRCBVL-VG RC BFL VARN L			
VRCBVR-VG RC BFL VARN R			
VVCALL-CAL RC BFL VARN L			
VVCALR-CAL RC BFL VARN R			
MAXIMUM			
MINIMUM			
RANGE(MAX-MIN)			
MEAN			
STANDARD DEVIATION			

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= Guarda, Waldyr

YI Values

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

PartID	PSV	AVERAG
E1-4-1-CAL. SEQ V PISTONS		
E1-4-2-CAL. SEQ V PISTONS		
E1-4-3-CAL. SEQ V PISTONS		
E1-4-4-CAL. SEQ V PISTONS		
F1-4-1-CAL. SEQ V PISTONS	0.82	
F1-4-2-CAL. SEQ V PISTONS	0.64	
F1-4-3-CAL. SEQ V PISTONS	0.30	
F1-4-4-CAL. SEQ V PISTONS	0.48	
G1-4-1-CAL. SEQ V PISTONS	0.40	
G1-4-2-CAL. SEQ V PISTONS	0.68	
G1-4-3-CAL. SEQ V PISTONS	0.79	
G1-4-4-CAL. SEQ V PISTONS	0.81	
P1-8-1-SEQ V PISTONS	0.46	
P1-8-2-SEQ V PISTONS	0.81	
P1-8-3-SEQ V PISTONS	0.57	
P1-8-4-SEQ V PISTONS	1.18	
P1-8-5-SEQ V PISTONS	0.57	
P1-8-6-SEQ V PISTONS	1.20	
P1-8-7-SEQ V PISTONS	1.06	
P1-8-8-SEQ V PISTONS	0.91	
Q1-8-1-SEQ V PISTONS	0.99	
Q1-8-2-SEQ V PISTONS	0.83	
Q1-8-3-SEQ V PISTONS	0.52	
Q1-8-4-SEQ V PISTONS	1.06	
Q1-8-5-SEQ V PISTONS	0.75	
Q1-8-6-SEQ V PISTONS	0.74	
Q1-8-7-SEQ V PISTONS	0.84	
Q1-8-8-SEQ V PISTONS	1.13	
R1-8-1-SEQ V PISTONS		
R1-8-2-SEQ V PISTONS		
R1-8-3-SEQ V PISTONS		
R1-8-4-SEQ V PISTONS		
R1-8-5-SEQ V PISTONS		
R1-8-6-SEQ V PISTONS		
R1-8-7-SEQ V PISTONS		
R1-8-8-SEQ V PISTONS		
VRCBVL-VG RC BFL VARN L		-1.05
VRCBVR-VG RC BFL VARN R		-0.19
VVCALL-CAL RC BFL VARN L		
VVCALR-CAL RC BFL VARN R		
MAXIMUM	1.20	-1.05
MINIMUM	0.30	-0.19
RANGE(MAX-MIN)	0.900	-0.860
MEAN	0.773	-0.620
STANDARD DEVIATION	0.250	0.608

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= Gutzwiller, Jim

YI Values

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

PartID	PSV	AVERAG
E1-4-1-CAL. SEQ V PISTONS		
E1-4-2-CAL. SEQ V PISTONS		
E1-4-3-CAL. SEQ V PISTONS		
E1-4-4-CAL. SEQ V PISTONS		
F1-4-1-CAL. SEQ V PISTONS		
F1-4-2-CAL. SEQ V PISTONS		
F1-4-3-CAL. SEQ V PISTONS		
F1-4-4-CAL. SEQ V PISTONS		
G1-4-1-CAL. SEQ V PISTONS		
G1-4-2-CAL. SEQ V PISTONS		
G1-4-3-CAL. SEQ V PISTONS		
G1-4-4-CAL. SEQ V PISTONS		
P1-8-1-SEQ V PISTONS		
P1-8-2-SEQ V PISTONS		
P1-8-3-SEQ V PISTONS		
P1-8-4-SEQ V PISTONS		
P1-8-5-SEQ V PISTONS		
P1-8-6-SEQ V PISTONS		
P1-8-7-SEQ V PISTONS		
P1-8-8-SEQ V PISTONS		
Q1-8-1-SEQ V PISTONS		
Q1-8-2-SEQ V PISTONS		
Q1-8-3-SEQ V PISTONS		
Q1-8-4-SEQ V PISTONS		
Q1-8-5-SEQ V PISTONS		
Q1-8-6-SEQ V PISTONS		
Q1-8-7-SEQ V PISTONS		
Q1-8-8-SEQ V PISTONS		
R1-8-1-SEQ V PISTONS		
R1-8-2-SEQ V PISTONS		
R1-8-3-SEQ V PISTONS		
R1-8-4-SEQ V PISTONS		
R1-8-5-SEQ V PISTONS		
R1-8-6-SEQ V PISTONS		
R1-8-7-SEQ V PISTONS		
R1-8-8-SEQ V PISTONS		
VRCBVL-VG RC BFL VARN L		0.26
VRCBVR-VG RC BFL VARN R		0.37
VVCALL-CAL RC BFL VARN L		
VVCALR-CAL RC BFL VARN R		
MAXIMUM		0.37
MINIMUM		0.26
RANGE(MAX-MIN)		0.110
MEAN		0.315
STANDARD DEVIATION		0.078

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= Hill, Howard P.

YI Values

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

PartID	PSV	AVERAG
E1-4-1-CAL. SEQ V PISTONS		
E1-4-2-CAL. SEQ V PISTONS		
E1-4-3-CAL. SEQ V PISTONS		
E1-4-4-CAL. SEQ V PISTONS		
F1-4-1-CAL. SEQ V PISTONS		
F1-4-2-CAL. SEQ V PISTONS		
F1-4-3-CAL. SEQ V PISTONS		
F1-4-4-CAL. SEQ V PISTONS		
G1-4-1-CAL. SEQ V PISTONS		
G1-4-2-CAL. SEQ V PISTONS		
G1-4-3-CAL. SEQ V PISTONS		
G1-4-4-CAL. SEQ V PISTONS		
P1-8-1-SEQ V PISTONS		
P1-8-2-SEQ V PISTONS		
P1-8-3-SEQ V PISTONS		
P1-8-4-SEQ V PISTONS		
P1-8-5-SEQ V PISTONS		
P1-8-6-SEQ V PISTONS		
P1-8-7-SEQ V PISTONS		
P1-8-8-SEQ V PISTONS		
Q1-8-1-SEQ V PISTONS		
Q1-8-2-SEQ V PISTONS		
Q1-8-3-SEQ V PISTONS		
Q1-8-4-SEQ V PISTONS		
Q1-8-5-SEQ V PISTONS		
Q1-8-6-SEQ V PISTONS		
Q1-8-7-SEQ V PISTONS		
Q1-8-8-SEQ V PISTONS		
R1-8-1-SEQ V PISTONS		
R1-8-2-SEQ V PISTONS		
R1-8-3-SEQ V PISTONS		
R1-8-4-SEQ V PISTONS		
R1-8-5-SEQ V PISTONS		
R1-8-6-SEQ V PISTONS		
R1-8-7-SEQ V PISTONS		
R1-8-8-SEQ V PISTONS		
VRCBVL-VG RC BFL VARN L		
VRCBVR-VG RC BFL VARN R		
VVCALL-CAL RC BFL VARN L		-0.78
VVCALR-CAL RC BFL VARN R		-1.40
MAXIMUM		-1.40
MINIMUM		-0.78
RANGE(MAX-MIN)		-0.620
MEAN		-1.090
STANDARD DEVIATION		0.438

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= Hills, Barry

YI Values

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

PartID	PSV	AVERAG
E1-4-1-CAL. SEQ V PISTONS		
E1-4-2-CAL. SEQ V PISTONS		
E1-4-3-CAL. SEQ V PISTONS		
E1-4-4-CAL. SEQ V PISTONS		
F1-4-1-CAL. SEQ V PISTONS		
F1-4-2-CAL. SEQ V PISTONS		
F1-4-3-CAL. SEQ V PISTONS		
F1-4-4-CAL. SEQ V PISTONS		
G1-4-1-CAL. SEQ V PISTONS		
G1-4-2-CAL. SEQ V PISTONS		
G1-4-3-CAL. SEQ V PISTONS		
G1-4-4-CAL. SEQ V PISTONS		
P1-8-1-SEQ V PISTONS		
P1-8-2-SEQ V PISTONS		
P1-8-3-SEQ V PISTONS		
P1-8-4-SEQ V PISTONS		
P1-8-5-SEQ V PISTONS		
P1-8-6-SEQ V PISTONS		
P1-8-7-SEQ V PISTONS		
P1-8-8-SEQ V PISTONS		
Q1-8-1-SEQ V PISTONS		
Q1-8-2-SEQ V PISTONS		
Q1-8-3-SEQ V PISTONS		
Q1-8-4-SEQ V PISTONS		
Q1-8-5-SEQ V PISTONS		
Q1-8-6-SEQ V PISTONS		
Q1-8-7-SEQ V PISTONS		
Q1-8-8-SEQ V PISTONS		
R1-8-1-SEQ V PISTONS		
R1-8-2-SEQ V PISTONS		
R1-8-3-SEQ V PISTONS		
R1-8-4-SEQ V PISTONS		
R1-8-5-SEQ V PISTONS		
R1-8-6-SEQ V PISTONS		
R1-8-7-SEQ V PISTONS		
R1-8-8-SEQ V PISTONS		
VRCBVL-VG RC BFL VARN L		-0.92
VRCBVR-VG RC BFL VARN R		0.26
VVCALL-CAL RC BFL VARN L		0.08
VVCALR-CAL RC BFL VARN R		0.02
MAXIMUM		-0.92
MINIMUM		0.02
RANGE(MAX-MIN)		-0.940
MEAN		-0.140
STANDARD DEVIATION		0.530

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= Holland, Stephen

YI Values

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

PartID	PSV	AVERAG	
E1-4-1-CAL. SEQ V PISTONS			
E1-4-2-CAL. SEQ V PISTONS			
E1-4-3-CAL. SEQ V PISTONS			
E1-4-4-CAL. SEQ V PISTONS			
F1-4-1-CAL. SEQ V PISTONS			
F1-4-2-CAL. SEQ V PISTONS			
F1-4-3-CAL. SEQ V PISTONS			
F1-4-4-CAL. SEQ V PISTONS			
G1-4-1-CAL. SEQ V PISTONS			
G1-4-2-CAL. SEQ V PISTONS			
G1-4-3-CAL. SEQ V PISTONS			
G1-4-4-CAL. SEQ V PISTONS			
P1-8-1-SEQ V PISTONS			
P1-8-2-SEQ V PISTONS			
P1-8-3-SEQ V PISTONS			
P1-8-4-SEQ V PISTONS			
P1-8-5-SEQ V PISTONS			
P1-8-6-SEQ V PISTONS			
P1-8-7-SEQ V PISTONS			
P1-8-8-SEQ V PISTONS			
Q1-8-1-SEQ V PISTONS			
Q1-8-2-SEQ V PISTONS			
Q1-8-3-SEQ V PISTONS			
Q1-8-4-SEQ V PISTONS			
Q1-8-5-SEQ V PISTONS			
Q1-8-6-SEQ V PISTONS			
Q1-8-7-SEQ V PISTONS			
Q1-8-8-SEQ V PISTONS			
R1-8-1-SEQ V PISTONS			
R1-8-2-SEQ V PISTONS			
R1-8-3-SEQ V PISTONS			
R1-8-4-SEQ V PISTONS			
R1-8-5-SEQ V PISTONS			
R1-8-6-SEQ V PISTONS			
R1-8-7-SEQ V PISTONS			
R1-8-8-SEQ V PISTONS			
VRCBVL-VG RC BFL VARN L			
VRCBVR-VG RC BFL VARN R			
VVCALL-CAL RC BFL VARN L			
VVCALR-CAL RC BFL VARN R			
MAXIMUM			
MINIMUM			
RANGE(MAX-MIN)			
MEAN			
STANDARD DEVIATION			

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= Hurst, Kevin R.

Yi Values

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

PartID	PSV	AVERAG	
E1-4-1-CAL. SEQ V PISTONS	0.04		
E1-4-2-CAL. SEQ V PISTONS	0.23		
E1-4-3-CAL. SEQ V PISTONS	0.81		
E1-4-4-CAL. SEQ V PISTONS	0.37		
F1-4-1-CAL. SEQ V PISTONS			
F1-4-2-CAL. SEQ V PISTONS			
F1-4-3-CAL. SEQ V PISTONS			
F1-4-4-CAL. SEQ V PISTONS			
G1-4-1-CAL. SEQ V PISTONS	0.28		
G1-4-2-CAL. SEQ V PISTONS	0.52		
G1-4-3-CAL. SEQ V PISTONS	1.06		
G1-4-4-CAL. SEQ V PISTONS	1.21		
P1-8-1-SEQ V PISTONS	0.93		
P1-8-2-SEQ V PISTONS	0.88		
P1-8-3-SEQ V PISTONS	0.73		
P1-8-4-SEQ V PISTONS	0.77		
P1-8-5-SEQ V PISTONS	1.06		
P1-8-6-SEQ V PISTONS	1.02		
P1-8-7-SEQ V PISTONS	1.08		
P1-8-8-SEQ V PISTONS	1.23		
Q1-8-1-SEQ V PISTONS	1.05		
Q1-8-2-SEQ V PISTONS	1.10		
Q1-8-3-SEQ V PISTONS	1.34		
Q1-8-4-SEQ V PISTONS	1.34		
Q1-8-5-SEQ V PISTONS	1.27		
Q1-8-6-SEQ V PISTONS	1.84		
Q1-8-7-SEQ V PISTONS	1.72		
Q1-8-8-SEQ V PISTONS	1.42		
R1-8-1-SEQ V PISTONS	0.69		
R1-8-2-SEQ V PISTONS	0.82		
R1-8-3-SEQ V PISTONS	0.66		
R1-8-4-SEQ V PISTONS	0.71		
R1-8-5-SEQ V PISTONS	0.79		
R1-8-6-SEQ V PISTONS	0.73		
R1-8-7-SEQ V PISTONS	0.74		
R1-8-8-SEQ V PISTONS	0.77		
VRCBVL-VG RC BFL VARN L		0.63	
VRCBVR-VG RC BFL VARN R		0.75	
VVCALL-CAL RC BFL VARN L		-0.27	
VVCALR-CAL RC BFL VARN R		-0.08	
MAXIMUM	1.84	0.75	
MINIMUM	0.04	-0.08	
RANGE(MAX-MIN)	1.800	0.830	
MEAN	0.913	0.258	
STANDARD DEVIATION	0.401	0.508	

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= Kobrinetz, Joaquin J.

YI Values

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

PartID	PSV	AVERAG	
E1-4-1-CAL. SEQ V PISTONS			
E1-4-2-CAL. SEQ V PISTONS			
E1-4-3-CAL. SEQ V PISTONS			
E1-4-4-CAL. SEQ V PISTONS			
F1-4-1-CAL. SEQ V PISTONS	0.53		
F1-4-2-CAL. SEQ V PISTONS	0.66		
F1-4-3-CAL. SEQ V PISTONS	0.47		
F1-4-4-CAL. SEQ V PISTONS	0.38		
G1-4-1-CAL. SEQ V PISTONS			
G1-4-2-CAL. SEQ V PISTONS			
G1-4-3-CAL. SEQ V PISTONS			
G1-4-4-CAL. SEQ V PISTONS			
P1-8-1-SEQ V PISTONS			
P1-8-2-SEQ V PISTONS			
P1-8-3-SEQ V PISTONS			
P1-8-4-SEQ V PISTONS			
P1-8-5-SEQ V PISTONS			
P1-8-6-SEQ V PISTONS			
P1-8-7-SEQ V PISTONS			
P1-8-8-SEQ V PISTONS			
Q1-8-1-SEQ V PISTONS			
Q1-8-2-SEQ V PISTONS			
Q1-8-3-SEQ V PISTONS			
Q1-8-4-SEQ V PISTONS			
Q1-8-5-SEQ V PISTONS			
Q1-8-6-SEQ V PISTONS			
Q1-8-7-SEQ V PISTONS			
Q1-8-8-SEQ V PISTONS			
R1-8-1-SEQ V PISTONS			
R1-8-2-SEQ V PISTONS			
R1-8-3-SEQ V PISTONS			
R1-8-4-SEQ V PISTONS			
R1-8-5-SEQ V PISTONS			
R1-8-6-SEQ V PISTONS			
R1-8-7-SEQ V PISTONS			
R1-8-8-SEQ V PISTONS			
VRCBVL-VG RC BFL VARN L			
VRCBVR-VG RC BFL VARN R			
VVCALL-CAL RC BFL VARN L			
VVCALR-CAL RC BFL VARN R			
MAXIMUM	0.66		
MINIMUM	0.38		
RANGE(MAX-MIN)	0.280		
MEAN	0.510		
STANDARD DEVIATION	0.117		

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= Langford, Mike

YI Values

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

PartID	PSV	AVERAG	
E1-4-1-CAL. SEQ V PISTONS			
E1-4-2-CAL. SEQ V PISTONS			
E1-4-3-CAL. SEQ V PISTONS			
E1-4-4-CAL. SEQ V PISTONS			
F1-4-1-CAL. SEQ V PISTONS			
F1-4-2-CAL. SEQ V PISTONS			
F1-4-3-CAL. SEQ V PISTONS			
F1-4-4-CAL. SEQ V PISTONS			
G1-4-1-CAL. SEQ V PISTONS			
G1-4-2-CAL. SEQ V PISTONS			
G1-4-3-CAL. SEQ V PISTONS			
G1-4-4-CAL. SEQ V PISTONS			
P1-8-1-SEQ V PISTONS			
P1-8-2-SEQ V PISTONS			
P1-8-3-SEQ V PISTONS			
P1-8-4-SEQ V PISTONS			
P1-8-5-SEQ V PISTONS			
P1-8-6-SEQ V PISTONS			
P1-8-7-SEQ V PISTONS			
P1-8-8-SEQ V PISTONS			
Q1-8-1-SEQ V PISTONS			
Q1-8-2-SEQ V PISTONS			
Q1-8-3-SEQ V PISTONS			
Q1-8-4-SEQ V PISTONS			
Q1-8-5-SEQ V PISTONS			
Q1-8-6-SEQ V PISTONS			
Q1-8-7-SEQ V PISTONS			
Q1-8-8-SEQ V PISTONS			
R1-8-1-SEQ V PISTONS			
R1-8-2-SEQ V PISTONS			
R1-8-3-SEQ V PISTONS			
R1-8-4-SEQ V PISTONS			
R1-8-5-SEQ V PISTONS			
R1-8-6-SEQ V PISTONS			
R1-8-7-SEQ V PISTONS			
R1-8-8-SEQ V PISTONS			
VRCBVL-VG RC BFL VARN L			
VRCBVR-VG RC BFL VARN R			
VVCALL-CAL RC BFL VARN L			
VVCALR-CAL RC BFL VARN R			
MAXIMUM			
MINIMUM			
RANGE(MAX-MIN)			
MEAN			
STANDARD DEVIATION			

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= Lonsway, Chris

YI Values

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

PartID	PSV	AVERAG	
E1-4-1-CAL. SEQ V PISTONS	0.34		
E1-4-2-CAL. SEQ V PISTONS	0.35		
E1-4-3-CAL. SEQ V PISTONS	0.44		
E1-4-4-CAL. SEQ V PISTONS	0.21		
F1-4-1-CAL. SEQ V PISTONS			
F1-4-2-CAL. SEQ V PISTONS			
F1-4-3-CAL. SEQ V PISTONS			
F1-4-4-CAL. SEQ V PISTONS			
G1-4-1-CAL. SEQ V PISTONS			
G1-4-2-CAL. SEQ V PISTONS			
G1-4-3-CAL. SEQ V PISTONS			
G1-4-4-CAL. SEQ V PISTONS			
P1-8-1-SEQ V PISTONS			
P1-8-2-SEQ V PISTONS			
P1-8-3-SEQ V PISTONS			
P1-8-4-SEQ V PISTONS			
P1-8-5-SEQ V PISTONS			
P1-8-6-SEQ V PISTONS			
P1-8-7-SEQ V PISTONS			
P1-8-8-SEQ V PISTONS			
Q1-8-1-SEQ V PISTONS	0.56		
Q1-8-2-SEQ V PISTONS	0.55		
Q1-8-3-SEQ V PISTONS	0.78		
Q1-8-4-SEQ V PISTONS	0.60		
Q1-8-5-SEQ V PISTONS	0.81		
Q1-8-6-SEQ V PISTONS	0.83		
Q1-8-7-SEQ V PISTONS	0.58		
Q1-8-8-SEQ V PISTONS	0.42		
R1-8-1-SEQ V PISTONS			
R1-8-2-SEQ V PISTONS			
R1-8-3-SEQ V PISTONS			
R1-8-4-SEQ V PISTONS			
R1-8-5-SEQ V PISTONS			
R1-8-6-SEQ V PISTONS			
R1-8-7-SEQ V PISTONS			
R1-8-8-SEQ V PISTONS			
VRCBVL-VG RC BFL VARN L		-1.21	
VRCBVR-VG RC BFL VARN R		-0.17	
VVCALL-CAL RC BFL VARN L		1.10	
VVCALR-CAL RC BFL VARN R		0.49	
MAXIMUM	0.83	-1.21	
MINIMUM	0.21	-0.17	
RANGE(MAX-MIN)	0.620	-1.040	
MEAN	0.539	0.053	
STANDARD DEVIATION	0.198	0.989	

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= Lopez, Frank

YI Values

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

PartID	PSV	AVERAG	
E1-4-1-CAL. SEQ V PISTONS			
E1-4-2-CAL. SEQ V PISTONS			
E1-4-3-CAL. SEQ V PISTONS			
E1-4-4-CAL. SEQ V PISTONS			
F1-4-1-CAL. SEQ V PISTONS	0.65		
F1-4-2-CAL. SEQ V PISTONS	1.02		
F1-4-3-CAL. SEQ V PISTONS	0.79		
F1-4-4-CAL. SEQ V PISTONS	0.64		
G1-4-1-CAL. SEQ V PISTONS	0.09		
G1-4-2-CAL. SEQ V PISTONS	-0.04		
G1-4-3-CAL. SEQ V PISTONS	-0.75		
G1-4-4-CAL. SEQ V PISTONS	-0.50		
P1-8-1-SEQ V PISTONS	0.14		
P1-8-2-SEQ V PISTONS	0.12		
P1-8-3-SEQ V PISTONS	0.41		
P1-8-4-SEQ V PISTONS	-0.05		
P1-8-5-SEQ V PISTONS	0.19		
P1-8-6-SEQ V PISTONS	-0.14		
P1-8-7-SEQ V PISTONS	-0.41		
P1-8-8-SEQ V PISTONS	-0.30		
Q1-8-1-SEQ V PISTONS	0.72		
Q1-8-2-SEQ V PISTONS	0.43		
Q1-8-3-SEQ V PISTONS	-0.60		
Q1-8-4-SEQ V PISTONS	-1.32		
Q1-8-5-SEQ V PISTONS	-0.59		
Q1-8-6-SEQ V PISTONS	-0.35		
Q1-8-7-SEQ V PISTONS	-1.01		
Q1-8-8-SEQ V PISTONS	-1.76		
R1-8-1-SEQ V PISTONS			
R1-8-2-SEQ V PISTONS			
R1-8-3-SEQ V PISTONS			
R1-8-4-SEQ V PISTONS			
R1-8-5-SEQ V PISTONS			
R1-8-6-SEQ V PISTONS			
R1-8-7-SEQ V PISTONS			
R1-8-8-SEQ V PISTONS			
VRCBVL-VG RC BFL VARN L			
VRCBVR-VG RC BFL VARN R			
VVCALL-CAL RC BFL VARN L		0.59	
VVCALR-CAL RC BFL VARN R		0.97	
MAXIMUM	-1.76	0.97	
MINIMUM	-0.04	0.59	
RANGE(MAX-MIN)	-1.720	0.380	
MEAN	-0.109	0.780	
STANDARD DEVIATION	0.690	0.269	

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= Lowsky, John

YI Values

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

PartID	PSV	AVERAG	
E1-4-1-CAL. SEQ V PISTONS	0.19		
E1-4-2-CAL. SEQ V PISTONS	0.38		
E1-4-3-CAL. SEQ V PISTONS	0.84		
E1-4-4-CAL. SEQ V PISTONS	0.49		
F1-4-1-CAL. SEQ V PISTONS	0.53		
F1-4-2-CAL. SEQ V PISTONS	0.95		
F1-4-3-CAL. SEQ V PISTONS	1.20		
F1-4-4-CAL. SEQ V PISTONS	1.08		
G1-4-1-CAL. SEQ V PISTONS			
G1-4-2-CAL. SEQ V PISTONS			
G1-4-3-CAL. SEQ V PISTONS			
G1-4-4-CAL. SEQ V PISTONS			
P1-8-1-SEQ V PISTONS	1.53		
P1-8-2-SEQ V PISTONS	1.25		
P1-8-3-SEQ V PISTONS	1.07		
P1-8-4-SEQ V PISTONS	1.41		
P1-8-5-SEQ V PISTONS	1.14		
P1-8-6-SEQ V PISTONS	0.99		
P1-8-7-SEQ V PISTONS	0.95		
P1-8-8-SEQ V PISTONS	0.98		
Q1-8-1-SEQ V PISTONS			
Q1-8-2-SEQ V PISTONS			
Q1-8-3-SEQ V PISTONS			
Q1-8-4-SEQ V PISTONS			
Q1-8-5-SEQ V PISTONS			
Q1-8-6-SEQ V PISTONS			
Q1-8-7-SEQ V PISTONS			
Q1-8-8-SEQ V PISTONS			
R1-8-1-SEQ V PISTONS	0.67		
R1-8-2-SEQ V PISTONS	0.58		
R1-8-3-SEQ V PISTONS	0.62		
R1-8-4-SEQ V PISTONS	1.03		
R1-8-5-SEQ V PISTONS	0.88		
R1-8-6-SEQ V PISTONS	0.95		
R1-8-7-SEQ V PISTONS	0.70		
R1-8-8-SEQ V PISTONS	1.17		
VRCBVL-VG RC BFL VARN L		0.47	
VRCBVR-VG RC BFL VARN R		0.99	
VVCALL-CAL RC BFL VARN L		-2.47	
VVCALR-CAL RC BFL VARN R		-2.64	
MAXIMUM	1.53	-2.64	
MINIMUM	0.19	0.47	
RANGE(MAX-MIN)	1.340	-3.110	
MEAN	0.899	-0.913	
STANDARD DEVIATION	0.327	1.910	

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= May, Marianne

YI Values

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

PartID	PSV	AVERAG	
E1-4-1-CAL. SEQ V PISTONS	0.31		
E1-4-2-CAL. SEQ V PISTONS	0.63		
E1-4-3-CAL. SEQ V PISTONS	0.17		
E1-4-4-CAL. SEQ V PISTONS	0.23		
F1-4-1-CAL. SEQ V PISTONS	0.67		
F1-4-2-CAL. SEQ V PISTONS	0.16		
F1-4-3-CAL. SEQ V PISTONS	0.21		
F1-4-4-CAL. SEQ V PISTONS	0.15		
G1-4-1-CAL. SEQ V PISTONS	1.14		
G1-4-2-CAL. SEQ V PISTONS	1.24		
G1-4-3-CAL. SEQ V PISTONS	0.20		
G1-4-4-CAL. SEQ V PISTONS	0.06		
P1-8-1-SEQ V PISTONS	0.67		
P1-8-2-SEQ V PISTONS	0.83		
P1-8-3-SEQ V PISTONS	0.64		
P1-8-4-SEQ V PISTONS	0.64		
P1-8-5-SEQ V PISTONS	0.45		
P1-8-6-SEQ V PISTONS	0.39		
P1-8-7-SEQ V PISTONS	-0.02		
P1-8-8-SEQ V PISTONS	-0.26		
Q1-8-1-SEQ V PISTONS			
Q1-8-2-SEQ V PISTONS			
Q1-8-3-SEQ V PISTONS			
Q1-8-4-SEQ V PISTONS			
Q1-8-5-SEQ V PISTONS			
Q1-8-6-SEQ V PISTONS			
Q1-8-7-SEQ V PISTONS			
Q1-8-8-SEQ V PISTONS			
R1-8-1-SEQ V PISTONS			
R1-8-2-SEQ V PISTONS			
R1-8-3-SEQ V PISTONS			
R1-8-4-SEQ V PISTONS			
R1-8-5-SEQ V PISTONS			
R1-8-6-SEQ V PISTONS			
R1-8-7-SEQ V PISTONS			
R1-8-8-SEQ V PISTONS			
VRCBVL-VG RC BFL VARN L		0.42	
VRCBVR-VG RC BFL VARN R		0.16	
VVCALL-CAL RC BFL VARN L		0.13	
VVCALR-CAL RC BFL VARN R		0.30	
MAXIMUM	1.24	0.42	
MINIMUM	-0.02	0.13	
RANGE(MAX-MIN)	1.260	0.290	
MEAN	0.426	0.253	
STANDARD DEVIATION	0.381	0.134	

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= Moran, Andrew

YI Values

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

PartID	PSV	AVERAG	
E1-4-1-CAL. SEQ V PISTONS			
E1-4-2-CAL. SEQ V PISTONS			
E1-4-3-CAL. SEQ V PISTONS			
E1-4-4-CAL. SEQ V PISTONS			
F1-4-1-CAL. SEQ V PISTONS			
F1-4-2-CAL. SEQ V PISTONS			
F1-4-3-CAL. SEQ V PISTONS			
F1-4-4-CAL. SEQ V PISTONS			
G1-4-1-CAL. SEQ V PISTONS			
G1-4-2-CAL. SEQ V PISTONS			
G1-4-3-CAL. SEQ V PISTONS			
G1-4-4-CAL. SEQ V PISTONS			
P1-8-1-SEQ V PISTONS			
P1-8-2-SEQ V PISTONS			
P1-8-3-SEQ V PISTONS			
P1-8-4-SEQ V PISTONS			
P1-8-5-SEQ V PISTONS			
P1-8-6-SEQ V PISTONS			
P1-8-7-SEQ V PISTONS			
P1-8-8-SEQ V PISTONS			
Q1-8-1-SEQ V PISTONS			
Q1-8-2-SEQ V PISTONS			
Q1-8-3-SEQ V PISTONS			
Q1-8-4-SEQ V PISTONS			
Q1-8-5-SEQ V PISTONS			
Q1-8-6-SEQ V PISTONS			
Q1-8-7-SEQ V PISTONS			
Q1-8-8-SEQ V PISTONS			
R1-8-1-SEQ V PISTONS			
R1-8-2-SEQ V PISTONS			
R1-8-3-SEQ V PISTONS			
R1-8-4-SEQ V PISTONS			
R1-8-5-SEQ V PISTONS			
R1-8-6-SEQ V PISTONS			
R1-8-7-SEQ V PISTONS			
R1-8-8-SEQ V PISTONS			
VRCBVL-VG RC BFL VARN L			
VRCBVR-VG RC BFL VARN R			
VVCALL-CAL RC BFL VARN L			
VVCALR-CAL RC BFL VARN R			
MAXIMUM			
MINIMUM			
RANGE(MAX-MIN)			
MEAN			
STANDARD DEVIATION			

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= Pitta, Jimmy

YI Values

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

PartID	PSV	AVERAG	
E1-4-1-CAL. SEQ V PISTONS			
E1-4-2-CAL. SEQ V PISTONS			
E1-4-3-CAL. SEQ V PISTONS			
E1-4-4-CAL. SEQ V PISTONS			
F1-4-1-CAL. SEQ V PISTONS			
F1-4-2-CAL. SEQ V PISTONS			
F1-4-3-CAL. SEQ V PISTONS			
F1-4-4-CAL. SEQ V PISTONS			
G1-4-1-CAL. SEQ V PISTONS			
G1-4-2-CAL. SEQ V PISTONS			
G1-4-3-CAL. SEQ V PISTONS			
G1-4-4-CAL. SEQ V PISTONS			
P1-8-1-SEQ V PISTONS			
P1-8-2-SEQ V PISTONS			
P1-8-3-SEQ V PISTONS			
P1-8-4-SEQ V PISTONS			
P1-8-5-SEQ V PISTONS			
P1-8-6-SEQ V PISTONS			
P1-8-7-SEQ V PISTONS			
P1-8-8-SEQ V PISTONS			
Q1-8-1-SEQ V PISTONS			
Q1-8-2-SEQ V PISTONS			
Q1-8-3-SEQ V PISTONS			
Q1-8-4-SEQ V PISTONS			
Q1-8-5-SEQ V PISTONS			
Q1-8-6-SEQ V PISTONS			
Q1-8-7-SEQ V PISTONS			
Q1-8-8-SEQ V PISTONS			
R1-8-1-SEQ V PISTONS			
R1-8-2-SEQ V PISTONS			
R1-8-3-SEQ V PISTONS			
R1-8-4-SEQ V PISTONS			
R1-8-5-SEQ V PISTONS			
R1-8-6-SEQ V PISTONS			
R1-8-7-SEQ V PISTONS			
R1-8-8-SEQ V PISTONS			
VRCBVL-VG RC BFL VARN L			
VRCBVR-VG RC BFL VARN R			
VVCALL-CAL RC BFL VARN L			
VVCALR-CAL RC BFL VARN R			
MAXIMUM			
MINIMUM			
RANGE(MAX-MIN)			
MEAN			
STANDARD DEVIATION			

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= Potocar, William P

Yi Values

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

PartID	PSV	AVERAG	
E1-4-1-CAL. SEQ V PISTONS	0.76		
E1-4-2-CAL. SEQ V PISTONS	-0.27		
E1-4-3-CAL. SEQ V PISTONS	-0.04		
E1-4-4-CAL. SEQ V PISTONS	0.17		
F1-4-1-CAL. SEQ V PISTONS			
F1-4-2-CAL. SEQ V PISTONS			
F1-4-3-CAL. SEQ V PISTONS			
F1-4-4-CAL. SEQ V PISTONS			
G1-4-1-CAL. SEQ V PISTONS	1.06		
G1-4-2-CAL. SEQ V PISTONS	0.57		
G1-4-3-CAL. SEQ V PISTONS	0.28		
G1-4-4-CAL. SEQ V PISTONS	1.18		
P1-8-1-SEQ V PISTONS			
P1-8-2-SEQ V PISTONS			
P1-8-3-SEQ V PISTONS			
P1-8-4-SEQ V PISTONS			
P1-8-5-SEQ V PISTONS			
P1-8-6-SEQ V PISTONS			
P1-8-7-SEQ V PISTONS			
P1-8-8-SEQ V PISTONS			
Q1-8-1-SEQ V PISTONS	-0.36		
Q1-8-2-SEQ V PISTONS	-0.04		
Q1-8-3-SEQ V PISTONS	0.52		
Q1-8-4-SEQ V PISTONS	0.78		
Q1-8-5-SEQ V PISTONS	-0.18		
Q1-8-6-SEQ V PISTONS	0.74		
Q1-8-7-SEQ V PISTONS	0.06		
Q1-8-8-SEQ V PISTONS	0.11		
R1-8-1-SEQ V PISTONS	0.59		
R1-8-2-SEQ V PISTONS	0.56		
R1-8-3-SEQ V PISTONS	0.41		
R1-8-4-SEQ V PISTONS	0.13		
R1-8-5-SEQ V PISTONS	0.27		
R1-8-6-SEQ V PISTONS	0.08		
R1-8-7-SEQ V PISTONS	0.31		
R1-8-8-SEQ V PISTONS	0.02		
VRCBVL-VG RC BFL VARN L		0.94	
VRCBVR-VG RC BFL VARN R		-1.48	
VVCALL-CAL RC BFL VARN L			
VVCALR-CAL RC BFL VARN R			
MAXIMUM	1.18	-1.48	
MINIMUM	0.02	0.94	
RANGE(MAX-MIN)	1.160	-2.420	
MEAN	0.321	-0.270	
STANDARD DEVIATION	0.404	1.711	

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= Ransford, Ronald

YI Values

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

PartID	PSV	AVERAG
E1-4-1-CAL. SEQ V PISTONS		
E1-4-2-CAL. SEQ V PISTONS		
E1-4-3-CAL. SEQ V PISTONS		
E1-4-4-CAL. SEQ V PISTONS		
F1-4-1-CAL. SEQ V PISTONS		
F1-4-2-CAL. SEQ V PISTONS		
F1-4-3-CAL. SEQ V PISTONS		
F1-4-4-CAL. SEQ V PISTONS		
G1-4-1-CAL. SEQ V PISTONS		
G1-4-2-CAL. SEQ V PISTONS		
G1-4-3-CAL. SEQ V PISTONS		
G1-4-4-CAL. SEQ V PISTONS		
P1-8-1-SEQ V PISTONS	-0.44	
P1-8-2-SEQ V PISTONS	-0.28	
P1-8-3-SEQ V PISTONS	0.26	
P1-8-4-SEQ V PISTONS	-0.52	
P1-8-5-SEQ V PISTONS	0.17	
P1-8-6-SEQ V PISTONS	-0.33	
P1-8-7-SEQ V PISTONS	0.66	
P1-8-8-SEQ V PISTONS	0.35	
Q1-8-1-SEQ V PISTONS	-1.50	
Q1-8-2-SEQ V PISTONS	-1.07	
Q1-8-3-SEQ V PISTONS	-0.43	
Q1-8-4-SEQ V PISTONS	-0.85	
Q1-8-5-SEQ V PISTONS	0.87	
Q1-8-6-SEQ V PISTONS	-1.69	
Q1-8-7-SEQ V PISTONS	-1.30	
Q1-8-8-SEQ V PISTONS	-0.62	
R1-8-1-SEQ V PISTONS		
R1-8-2-SEQ V PISTONS		
R1-8-3-SEQ V PISTONS		
R1-8-4-SEQ V PISTONS		
R1-8-5-SEQ V PISTONS		
R1-8-6-SEQ V PISTONS		
R1-8-7-SEQ V PISTONS		
R1-8-8-SEQ V PISTONS		
VRCBVL-VG RC BFL VARN L		
VRCBVR-VG RC BFL VARN R		
VVCALL-CAL RC BFL VARN L		
VVCALR-CAL RC BFL VARN R		
MAXIMUM	-1.69	
MINIMUM	0.17	
RANGE(MAX-MIN)	-1.860	
MEAN	-0.420	
STANDARD DEVIATION	0.752	

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= Rodriguez, Jesus (Jesse)

YI Values

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

PartID	PSV	AVERAG	
E1-4-1-CAL. SEQ V PISTONS	0.40		
E1-4-2-CAL. SEQ V PISTONS	0.80		
E1-4-3-CAL. SEQ V PISTONS	0.35		
E1-4-4-CAL. SEQ V PISTONS	0.35		
F1-4-1-CAL. SEQ V PISTONS			
F1-4-2-CAL. SEQ V PISTONS			
F1-4-3-CAL. SEQ V PISTONS			
F1-4-4-CAL. SEQ V PISTONS			
G1-4-1-CAL. SEQ V PISTONS	0.42		
G1-4-2-CAL. SEQ V PISTONS	0.21		
G1-4-3-CAL. SEQ V PISTONS	-0.61		
G1-4-4-CAL. SEQ V PISTONS	0.81		
P1-8-1-SEQ V PISTONS			
P1-8-2-SEQ V PISTONS			
P1-8-3-SEQ V PISTONS			
P1-8-4-SEQ V PISTONS			
P1-8-5-SEQ V PISTONS			
P1-8-6-SEQ V PISTONS			
P1-8-7-SEQ V PISTONS			
P1-8-8-SEQ V PISTONS			
Q1-8-1-SEQ V PISTONS	0.02		
Q1-8-2-SEQ V PISTONS	0.16		
Q1-8-3-SEQ V PISTONS	-0.52		
Q1-8-4-SEQ V PISTONS	-0.95		
Q1-8-5-SEQ V PISTONS	-0.30		
Q1-8-6-SEQ V PISTONS	-0.31		
Q1-8-7-SEQ V PISTONS	-1.01		
Q1-8-8-SEQ V PISTONS	-0.65		
R1-8-1-SEQ V PISTONS	0.65		
R1-8-2-SEQ V PISTONS	0.04		
R1-8-3-SEQ V PISTONS	0.16		
R1-8-4-SEQ V PISTONS	0.03		
R1-8-5-SEQ V PISTONS	-0.01		
R1-8-6-SEQ V PISTONS	-0.13		
R1-8-7-SEQ V PISTONS	-0.05		
R1-8-8-SEQ V PISTONS	-1.02		
VRCBVL-VG RC BFL VARN L			
VRCBVR-VG RC BFL VARN R			
VVCALL-CAL RC BFL VARN L		1.61	
VVCALR-CAL RC BFL VARN R		1.44	
MAXIMUM	-1.02	1.61	
MINIMUM	-0.01	1.44	
RANGE(MAX-MIN)	-1.010	0.170	
MEAN	-0.048	1.525	
STANDARD DEVIATION	0.535	0.120	

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= Sanchez, Arthur

Yi Values

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

PartID	PSV	AVERAG	
E1-4-1-CAL. SEQ V PISTONS			
E1-4-2-CAL. SEQ V PISTONS			
E1-4-3-CAL. SEQ V PISTONS			
E1-4-4-CAL. SEQ V PISTONS			
F1-4-1-CAL. SEQ V PISTONS	-0.30		
F1-4-2-CAL. SEQ V PISTONS	0.26		
F1-4-3-CAL. SEQ V PISTONS	0.32		
F1-4-4-CAL. SEQ V PISTONS	0.48		
G1-4-1-CAL. SEQ V PISTONS	-0.66		
G1-4-2-CAL. SEQ V PISTONS	-0.58		
G1-4-3-CAL. SEQ V PISTONS	-0.48		
G1-4-4-CAL. SEQ V PISTONS	-1.14		
P1-8-1-SEQ V PISTONS	0.18		
P1-8-2-SEQ V PISTONS	0.14		
P1-8-3-SEQ V PISTONS	0.47		
P1-8-4-SEQ V PISTONS	0.16		
P1-8-5-SEQ V PISTONS	0.37		
P1-8-6-SEQ V PISTONS	0.26		
P1-8-7-SEQ V PISTONS	-0.48		
P1-8-8-SEQ V PISTONS	-0.23		
Q1-8-1-SEQ V PISTONS	0.72		
Q1-8-2-SEQ V PISTONS	0.83		
Q1-8-3-SEQ V PISTONS	0.65		
Q1-8-4-SEQ V PISTONS	0.69		
Q1-8-5-SEQ V PISTONS	-0.36		
Q1-8-6-SEQ V PISTONS	-0.27		
Q1-8-7-SEQ V PISTONS	0.71		
Q1-8-8-SEQ V PISTONS	0.62		
R1-8-1-SEQ V PISTONS			
R1-8-2-SEQ V PISTONS			
R1-8-3-SEQ V PISTONS			
R1-8-4-SEQ V PISTONS			
R1-8-5-SEQ V PISTONS			
R1-8-6-SEQ V PISTONS			
R1-8-7-SEQ V PISTONS			
R1-8-8-SEQ V PISTONS			
VRCBVL-VG RC BFL VARN L			
VRCBVR-VG RC BFL VARN R			
VVCALL-CAL RC BFL VARN L		-0.89	
VVCALR-CAL RC BFL VARN R		-0.45	
MAXIMUM	-1.14	-0.89	
MINIMUM	0.14	-0.45	
RANGE(MAX-MIN)	-1.280	-0.440	
MEAN	0.098	-0.670	
STANDARD DEVIATION	0.533	0.311	

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= Schmidt, Brian

YI Values

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

PartID	PSV	AVERAG
E1-4-1-CAL. SEQ V PISTONS	-2.66	
E1-4-2-CAL. SEQ V PISTONS	-2.77	
E1-4-3-CAL. SEQ V PISTONS	-2.28	
E1-4-4-CAL. SEQ V PISTONS	-3.30	
F1-4-1-CAL. SEQ V PISTONS	-0.85	
F1-4-2-CAL. SEQ V PISTONS	-0.68	
F1-4-3-CAL. SEQ V PISTONS	-0.60	
F1-4-4-CAL. SEQ V PISTONS	-0.51	
G1-4-1-CAL. SEQ V PISTONS		
G1-4-2-CAL. SEQ V PISTONS		
G1-4-3-CAL. SEQ V PISTONS		
G1-4-4-CAL. SEQ V PISTONS		
P1-8-1-SEQ V PISTONS	0.14	
P1-8-2-SEQ V PISTONS	-1.85	
P1-8-3-SEQ V PISTONS	-1.66	
P1-8-4-SEQ V PISTONS	-0.29	
P1-8-5-SEQ V PISTONS	0.07	
P1-8-6-SEQ V PISTONS	-0.72	
P1-8-7-SEQ V PISTONS	0.34	
P1-8-8-SEQ V PISTONS	0.45	
Q1-8-1-SEQ V PISTONS		
Q1-8-2-SEQ V PISTONS		
Q1-8-3-SEQ V PISTONS		
Q1-8-4-SEQ V PISTONS		
Q1-8-5-SEQ V PISTONS		
Q1-8-6-SEQ V PISTONS		
Q1-8-7-SEQ V PISTONS		
Q1-8-8-SEQ V PISTONS		
R1-8-1-SEQ V PISTONS	0.61	
R1-8-2-SEQ V PISTONS	0.78	
R1-8-3-SEQ V PISTONS	0.76	
R1-8-4-SEQ V PISTONS	0.26	
R1-8-5-SEQ V PISTONS	0.20	
R1-8-6-SEQ V PISTONS	0.47	
R1-8-7-SEQ V PISTONS	0.54	
R1-8-8-SEQ V PISTONS	0.61	
VRCBVL-VG RC BFL VARN L		
VRCBVR-VG RC BFL VARN R		
VVCALL-CAL RC BFL VARN L		
VVCALR-CAL RC BFL VARN R		
MAXIMUM	-3.30	
MINIMUM	0.07	
RANGE(MAX-MIN)	-3.370	
MEAN	-0.539	
STANDARD DEVIATION	1.240	

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= Seiz, Ray

YI Values

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

PartID	PSV	AVERAG
E1-4-1-CAL. SEQ V PISTONS	0.31	
E1-4-2-CAL. SEQ V PISTONS	0.50	
E1-4-3-CAL. SEQ V PISTONS	0.78	
E1-4-4-CAL. SEQ V PISTONS	0.38	
F1-4-1-CAL. SEQ V PISTONS		
F1-4-2-CAL. SEQ V PISTONS		
F1-4-3-CAL. SEQ V PISTONS		
F1-4-4-CAL. SEQ V PISTONS		
G1-4-1-CAL. SEQ V PISTONS	1.28	
G1-4-2-CAL. SEQ V PISTONS	1.58	
G1-4-3-CAL. SEQ V PISTONS	2.06	
G1-4-4-CAL. SEQ V PISTONS	1.16	
P1-8-1-SEQ V PISTONS		
P1-8-2-SEQ V PISTONS		
P1-8-3-SEQ V PISTONS		
P1-8-4-SEQ V PISTONS		
P1-8-5-SEQ V PISTONS		
P1-8-6-SEQ V PISTONS		
P1-8-7-SEQ V PISTONS		
P1-8-8-SEQ V PISTONS		
Q1-8-1-SEQ V PISTONS		
Q1-8-2-SEQ V PISTONS		
Q1-8-3-SEQ V PISTONS		
Q1-8-4-SEQ V PISTONS		
Q1-8-5-SEQ V PISTONS		
Q1-8-6-SEQ V PISTONS		
Q1-8-7-SEQ V PISTONS		
Q1-8-8-SEQ V PISTONS		
R1-8-1-SEQ V PISTONS		
R1-8-2-SEQ V PISTONS		
R1-8-3-SEQ V PISTONS		
R1-8-4-SEQ V PISTONS		
R1-8-5-SEQ V PISTONS		
R1-8-6-SEQ V PISTONS		
R1-8-7-SEQ V PISTONS		
R1-8-8-SEQ V PISTONS		
VRCBVL-VG RC BFL VARN L		-1.13
VRCBVR-VG RC BFL VARN R		0.85
VVCALL-CAL RC BFL VARN L		-0.68
VVCALR-CAL RC BFL VARN R		-1.55
MAXIMUM	2.06	-1.55
MINIMUM	0.31	-0.68
RANGE(MAX-MIN)	1.750	-0.870
MEAN	1.006	-0.628
STANDARD DEVIATION	0.624	1.047

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= Senneff, Randall R

YI Values

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

PartID	PSV	AVERAG
E1-4-1-CAL. SEQ V PISTONS	0.67	
E1-4-2-CAL. SEQ V PISTONS	0.43	
E1-4-3-CAL. SEQ V PISTONS	-0.81	
E1-4-4-CAL. SEQ V PISTONS	0.19	
F1-4-1-CAL. SEQ V PISTONS	-2.37	
F1-4-2-CAL. SEQ V PISTONS	-2.35	
F1-4-3-CAL. SEQ V PISTONS	-1.89	
F1-4-4-CAL. SEQ V PISTONS	-1.71	
G1-4-1-CAL. SEQ V PISTONS		
G1-4-2-CAL. SEQ V PISTONS		
G1-4-3-CAL. SEQ V PISTONS		
G1-4-4-CAL. SEQ V PISTONS		
P1-8-1-SEQ V PISTONS	-0.86	
P1-8-2-SEQ V PISTONS	-0.92	
P1-8-3-SEQ V PISTONS	-0.73	
P1-8-4-SEQ V PISTONS	-1.09	
P1-8-5-SEQ V PISTONS	-1.12	
P1-8-6-SEQ V PISTONS	-0.55	
P1-8-7-SEQ V PISTONS	-0.68	
P1-8-8-SEQ V PISTONS	-0.48	
Q1-8-1-SEQ V PISTONS		
Q1-8-2-SEQ V PISTONS		
Q1-8-3-SEQ V PISTONS		
Q1-8-4-SEQ V PISTONS		
Q1-8-5-SEQ V PISTONS		
Q1-8-6-SEQ V PISTONS		
Q1-8-7-SEQ V PISTONS		
Q1-8-8-SEQ V PISTONS		
R1-8-1-SEQ V PISTONS	-1.56	
R1-8-2-SEQ V PISTONS	-1.61	
R1-8-3-SEQ V PISTONS	-1.04	
R1-8-4-SEQ V PISTONS	-0.81	
R1-8-5-SEQ V PISTONS	-0.86	
R1-8-6-SEQ V PISTONS	-1.62	
R1-8-7-SEQ V PISTONS	-0.82	
R1-8-8-SEQ V PISTONS	-0.64	
VRCBVL-VG RC BFL VARN L		
VRCBVR-VG RC BFL VARN R		
VVCALL-CAL RC BFL VARN L		
VVCALR-CAL RC BFL VARN R		
MAXIMUM	-2.37	
MINIMUM	0.19	
RANGE(MAX-MIN)	-2.560	
MEAN	-0.968	
STANDARD DEVIATION	0.759	

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= StremLOW, Mike

YI Values

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

PartID	PSV	AVERAG
E1-4-1-CAL. SEQ V PISTONS		
E1-4-2-CAL. SEQ V PISTONS		
E1-4-3-CAL. SEQ V PISTONS		
E1-4-4-CAL. SEQ V PISTONS		
F1-4-1-CAL. SEQ V PISTONS	-1.66	
F1-4-2-CAL. SEQ V PISTONS	-1.27	
F1-4-3-CAL. SEQ V PISTONS	-1.78	
F1-4-4-CAL. SEQ V PISTONS	-1.81	
G1-4-1-CAL. SEQ V PISTONS	-1.57	
G1-4-2-CAL. SEQ V PISTONS	-1.51	
G1-4-3-CAL. SEQ V PISTONS	-1.63	
G1-4-4-CAL. SEQ V PISTONS	-1.28	
P1-8-1-SEQ V PISTONS	-1.95	
P1-8-2-SEQ V PISTONS	-1.41	
P1-8-3-SEQ V PISTONS	-1.66	
P1-8-4-SEQ V PISTONS	-0.98	
P1-8-5-SEQ V PISTONS	-1.79	
P1-8-6-SEQ V PISTONS	-1.72	
P1-8-7-SEQ V PISTONS	-1.95	
P1-8-8-SEQ V PISTONS	-1.84	
Q1-8-1-SEQ V PISTONS	-1.39	
Q1-8-2-SEQ V PISTONS	-1.98	
Q1-8-3-SEQ V PISTONS	-1.85	
Q1-8-4-SEQ V PISTONS	-0.99	
Q1-8-5-SEQ V PISTONS	-0.77	
Q1-8-6-SEQ V PISTONS	-1.57	
Q1-8-7-SEQ V PISTONS	-1.40	
Q1-8-8-SEQ V PISTONS	-1.70	
R1-8-1-SEQ V PISTONS		
R1-8-2-SEQ V PISTONS		
R1-8-3-SEQ V PISTONS		
R1-8-4-SEQ V PISTONS		
R1-8-5-SEQ V PISTONS		
R1-8-6-SEQ V PISTONS		
R1-8-7-SEQ V PISTONS		
R1-8-8-SEQ V PISTONS		
VRCBVL-VG RC BFL VARN L		
VRCBVR-VG RC BFL VARN R		
VVCALL-CAL RC BFL VARN L		
VVCALR-CAL RC BFL VARN R		
MAXIMUM	-1.98	
MINIMUM	-0.77	
RANGE(MAX-MIN)	-1.210	
MEAN	-1.561	
STANDARD DEVIATION	0.323	

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= Sugita, Takashi

YI Values

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

PartID	PSV	AVERAG
E1-4-1-CAL. SEQ V PISTONS		
E1-4-2-CAL. SEQ V PISTONS		
E1-4-3-CAL. SEQ V PISTONS		
E1-4-4-CAL. SEQ V PISTONS		
F1-4-1-CAL. SEQ V PISTONS		
F1-4-2-CAL. SEQ V PISTONS		
F1-4-3-CAL. SEQ V PISTONS		
F1-4-4-CAL. SEQ V PISTONS		
G1-4-1-CAL. SEQ V PISTONS		
G1-4-2-CAL. SEQ V PISTONS		
G1-4-3-CAL. SEQ V PISTONS		
G1-4-4-CAL. SEQ V PISTONS		
P1-8-1-SEQ V PISTONS	-2.18	
P1-8-2-SEQ V PISTONS	-1.59	
P1-8-3-SEQ V PISTONS	-2.00	
P1-8-4-SEQ V PISTONS	-2.50	
P1-8-5-SEQ V PISTONS	-2.36	
P1-8-6-SEQ V PISTONS	-2.19	
P1-8-7-SEQ V PISTONS	-1.95	
P1-8-8-SEQ V PISTONS	-2.04	
Q1-8-1-SEQ V PISTONS		
Q1-8-2-SEQ V PISTONS		
Q1-8-3-SEQ V PISTONS		
Q1-8-4-SEQ V PISTONS		
Q1-8-5-SEQ V PISTONS		
Q1-8-6-SEQ V PISTONS		
Q1-8-7-SEQ V PISTONS		
Q1-8-8-SEQ V PISTONS		
R1-8-1-SEQ V PISTONS	-2.23	
R1-8-2-SEQ V PISTONS	-2.16	
R1-8-3-SEQ V PISTONS	-2.55	
R1-8-4-SEQ V PISTONS	-2.64	
R1-8-5-SEQ V PISTONS	-2.62	
R1-8-6-SEQ V PISTONS	-2.14	
R1-8-7-SEQ V PISTONS	-2.63	
R1-8-8-SEQ V PISTONS	-2.31	
VRCBVL-VG RC BFL VARN L		
VRCBVR-VG RC BFL VARN R		
VVCALL-CAL RC BFL VARN L		
VVCALR-CAL RC BFL VARN R		
MAXIMUM	-2.64	
MINIMUM	-1.59	
RANGE(MAX-MIN)	-1.050	
MEAN	-2.256	
STANDARD DEVIATION	0.290	

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= Trevino, Bobby

YI Values

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

PartID	PSV	AVERAG	
E1-4-1-CAL. SEQ V PISTONS			
E1-4-2-CAL. SEQ V PISTONS			
E1-4-3-CAL. SEQ V PISTONS			
E1-4-4-CAL. SEQ V PISTONS			
F1-4-1-CAL. SEQ V PISTONS			
F1-4-2-CAL. SEQ V PISTONS			
F1-4-3-CAL. SEQ V PISTONS			
F1-4-4-CAL. SEQ V PISTONS			
G1-4-1-CAL. SEQ V PISTONS	-0.08		
G1-4-2-CAL. SEQ V PISTONS	0.08		
G1-4-3-CAL. SEQ V PISTONS	0.60		
G1-4-4-CAL. SEQ V PISTONS	0.65		
P1-8-1-SEQ V PISTONS			
P1-8-2-SEQ V PISTONS			
P1-8-3-SEQ V PISTONS			
P1-8-4-SEQ V PISTONS			
P1-8-5-SEQ V PISTONS			
P1-8-6-SEQ V PISTONS			
P1-8-7-SEQ V PISTONS			
P1-8-8-SEQ V PISTONS			
Q1-8-1-SEQ V PISTONS			
Q1-8-2-SEQ V PISTONS			
Q1-8-3-SEQ V PISTONS			
Q1-8-4-SEQ V PISTONS			
Q1-8-5-SEQ V PISTONS			
Q1-8-6-SEQ V PISTONS			
Q1-8-7-SEQ V PISTONS			
Q1-8-8-SEQ V PISTONS			
R1-8-1-SEQ V PISTONS			
R1-8-2-SEQ V PISTONS			
R1-8-3-SEQ V PISTONS			
R1-8-4-SEQ V PISTONS			
R1-8-5-SEQ V PISTONS			
R1-8-6-SEQ V PISTONS			
R1-8-7-SEQ V PISTONS			
R1-8-8-SEQ V PISTONS			
VRCBVL-VG RC BFL VARN L		0.92	
VRCBVR-VG RC BFL VARN R		0.18	
VVCALL-CAL RC BFL VARN L		-0.07	
VVCALR-CAL RC BFL VARN R		0.30	
MAXIMUM	0.65	0.92	
MINIMUM	-0.08	-0.07	
RANGE(MAX-MIN)	0.730	0.990	
MEAN	0.313	0.333	
STANDARD DEVIATION	0.367	0.421	

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= Viera, Ralph B.

YI Values

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

PartID	PSV	AVERAG
E1-4-1-CAL. SEQ V PISTONS		
E1-4-2-CAL. SEQ V PISTONS		
E1-4-3-CAL. SEQ V PISTONS		
E1-4-4-CAL. SEQ V PISTONS		
F1-4-1-CAL. SEQ V PISTONS	0.47	
F1-4-2-CAL. SEQ V PISTONS	0.21	
F1-4-3-CAL. SEQ V PISTONS	0.66	
F1-4-4-CAL. SEQ V PISTONS	0.84	
G1-4-1-CAL. SEQ V PISTONS	0.15	
G1-4-2-CAL. SEQ V PISTONS	-0.76	
G1-4-3-CAL. SEQ V PISTONS	0.09	
G1-4-4-CAL. SEQ V PISTONS	-0.90	
P1-8-1-SEQ V PISTONS		
P1-8-2-SEQ V PISTONS		
P1-8-3-SEQ V PISTONS		
P1-8-4-SEQ V PISTONS		
P1-8-5-SEQ V PISTONS		
P1-8-6-SEQ V PISTONS		
P1-8-7-SEQ V PISTONS		
P1-8-8-SEQ V PISTONS		
Q1-8-1-SEQ V PISTONS		
Q1-8-2-SEQ V PISTONS		
Q1-8-3-SEQ V PISTONS		
Q1-8-4-SEQ V PISTONS		
Q1-8-5-SEQ V PISTONS		
Q1-8-6-SEQ V PISTONS		
Q1-8-7-SEQ V PISTONS		
Q1-8-8-SEQ V PISTONS		
R1-8-1-SEQ V PISTONS		
R1-8-2-SEQ V PISTONS		
R1-8-3-SEQ V PISTONS		
R1-8-4-SEQ V PISTONS		
R1-8-5-SEQ V PISTONS		
R1-8-6-SEQ V PISTONS		
R1-8-7-SEQ V PISTONS		
R1-8-8-SEQ V PISTONS		
VRCBVL-VG RC BFL VARN L		
VRCBVR-VG RC BFL VARN R		
VVCALL-CAL RC BFL VARN L		-0.02
VVCALR-CAL RC BFL VARN R		0.02
MAXIMUM	-0.90	-0.02
MINIMUM	0.09	-0.02
RANGE(MAX-MIN)	-0.990	0.000
MEAN	0.095	0.000
STANDARD DEVIATION	0.627	0.028

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= Zalewski, John

YI Values

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

PartID	PSV	AVERAG	
E1-4-1-CAL. SEQ V PISTONS	1.42		
E1-4-2-CAL. SEQ V PISTONS	1.25		
E1-4-3-CAL. SEQ V PISTONS	1.52		
E1-4-4-CAL. SEQ V PISTONS	0.52		
F1-4-1-CAL. SEQ V PISTONS	0.96		
F1-4-2-CAL. SEQ V PISTONS	1.09		
F1-4-3-CAL. SEQ V PISTONS	1.11		
F1-4-4-CAL. SEQ V PISTONS	1.30		
G1-4-1-CAL. SEQ V PISTONS			
G1-4-2-CAL. SEQ V PISTONS			
G1-4-3-CAL. SEQ V PISTONS			
G1-4-4-CAL. SEQ V PISTONS			
P1-8-1-SEQ V PISTONS	0.21		
P1-8-2-SEQ V PISTONS	0.26		
P1-8-3-SEQ V PISTONS	0.41		
P1-8-4-SEQ V PISTONS	0.41		
P1-8-5-SEQ V PISTONS	0.37		
P1-8-6-SEQ V PISTONS	0.66		
P1-8-7-SEQ V PISTONS	0.76		
P1-8-8-SEQ V PISTONS	0.70		
Q1-8-1-SEQ V PISTONS			
Q1-8-2-SEQ V PISTONS			
Q1-8-3-SEQ V PISTONS			
Q1-8-4-SEQ V PISTONS			
Q1-8-5-SEQ V PISTONS			
Q1-8-6-SEQ V PISTONS			
Q1-8-7-SEQ V PISTONS			
Q1-8-8-SEQ V PISTONS			
R1-8-1-SEQ V PISTONS	0.00		
R1-8-2-SEQ V PISTONS	0.24		
R1-8-3-SEQ V PISTONS	0.30		
R1-8-4-SEQ V PISTONS	0.71		
R1-8-5-SEQ V PISTONS	0.60		
R1-8-6-SEQ V PISTONS	0.73		
R1-8-7-SEQ V PISTONS	0.54		
R1-8-8-SEQ V PISTONS	0.67		
VRCBVL-VG RC BFL VARN L		-1.16	
VRCBVR-VG RC BFL VARN R		0.99	
VVCALL-CAL RC BFL VARN L		0.85	
VVCALR-CAL RC BFL VARN R		0.73	
MAXIMUM	1.52	-1.16	
MINIMUM	0.00	0.73	
RANGE(MAX-MIN)	1.520	-1.890	
MEAN	0.698	0.353	
STANDARD DEVIATION	0.411	1.014	

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= Avis, Steven

YI Values

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

PartID	R1DEME	R2DEME	R3DEME	R4DEME	R5DEME	R6DEME	
J1-6-C13 2ND RING CARBON	-1.04	-0.75	0.25	0.76	1.07	-0.17	
K1-6-C13 2ND RING CARBON							
L1-6-C13 2ND RING CARBON							
M1-6-C13 2ND RING CARBON							
MAXIMUM	-1.04	-0.75	0.25	0.76	1.07	-0.17	
MINIMUM	-1.04	-0.75	0.25	0.76	1.07	-0.17	
RANGE(MAX-MIN)	0.000	0.000	0.000	0.000	0.000	0.000	
MEAN	-1.040	-0.750	0.250	0.760	1.070	-0.170	
STANDARD DEVIATION	0.000	0.000	0.000	0.000	0.000	0.000	

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= Barrera, Tony

YI Values

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

PartID	R1DEME	R2DEME	R3DEME	R4DEME	R5DEME	R6DEME	
J1-6-C13 2ND RING CARBON	0.35	0.25	0.05	0.35	-0.64	-0.96	
K1-6-C13 2ND RING CARBON	-0.84	0.35	0.50	-0.50	0.19	0.24	
L1-6-C13 2ND RING CARBON	0.97	-0.01	0.00	-0.12	0.27	-1.00	
M1-6-C13 2ND RING CARBON	-1.04	-1.00	-0.38	-1.03	-0.67	-0.39	
MAXIMUM	-1.04	-1.00	0.50	-1.03	-0.67	-1.00	
MINIMUM	0.35	-0.01	0.00	-0.12	0.19	0.24	
RANGE(MAX-MIN)	-1.390	-0.990	0.500	-0.910	-0.860	-1.240	
MEAN	-0.140	-0.103	0.043	-0.325	-0.213	-0.528	
STANDARD DEVIATION	0.961	0.617	0.360	0.585	0.512	0.583	

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= Castile, Kevin

YI Values

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

PartID	R1DEME	R2DEME	R3DEME	R4DEME	R5DEME	R6DEME	
J1-6-C13 2ND RING CARBON							
K1-6-C13 2ND RING CARBON							
L1-6-C13 2ND RING CARBON							
M1-6-C13 2ND RING CARBON							
MAXIMUM							
MINIMUM							
RANGE(MAX-MIN)							
MEAN							
STANDARD DEVIATION							

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= Castillo, George

YI Values

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

PartID	R1DEME	R2DEME	R3DEME	R4DEME	R5DEME	R6DEME	
J1-6-C13 2ND RING CARBON	0.54	-0.08	1.52	1.64	-0.64	-0.69	
K1-6-C13 2ND RING CARBON	1.55	1.23	1.25	1.00	-0.29	1.43	
L1-6-C13 2ND RING CARBON	0.97	1.39	1.63	1.07	1.16	1.00	
M1-6-C13 2ND RING CARBON	1.19	1.30	1.51	-0.22	1.57	1.07	
MAXIMUM	1.55	1.39	1.63	1.64	1.57	1.43	
MINIMUM	0.54	-0.08	1.25	-0.22	-0.29	-0.69	
RANGE(MAX-MIN)	1.010	1.470	0.380	1.860	1.860	2.120	
MEAN	1.063	0.960	1.478	0.873	0.450	0.703	
STANDARD DEVIATION	0.422	0.696	0.161	0.783	1.079	0.947	

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= Chao, Kenneth

YI Values

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

PartID	R1DEME	R2DEME	R3DEME	R4DEME	R5DEME	R6DEME	
J1-6-C13 2ND RING CARBON							
K1-6-C13 2ND RING CARBON							
L1-6-C13 2ND RING CARBON							
M1-6-C13 2ND RING CARBON							
MAXIMUM							
MINIMUM							
RANGE(MAX-MIN)							
MEAN							
STANDARD DEVIATION							

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= Clapperty, Leon

YI Values

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

PartID	R1DEME	R2DEME	R3DEME	R4DEME	R5DEME	R6DEME	
J1-6-C13 2ND RING CARBON							
K1-6-C13 2ND RING CARBON							
L1-6-C13 2ND RING CARBON							
M1-6-C13 2ND RING CARBON							
MAXIMUM							
MINIMUM							
RANGE(MAX-MIN)							
MEAN							
STANDARD DEVIATION							

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= Clare, Jamie

YI Values

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

PartID	R1DEME	R2DEME	R3DEME	R4DEME	R5DEME	R6DEME	
J1-6-C13 2ND RING CARBON							
K1-6-C13 2ND RING CARBON							
L1-6-C13 2ND RING CARBON							
M1-6-C13 2ND RING CARBON							
MAXIMUM							
MINIMUM							
RANGE(MAX-MIN)							
MEAN							
STANDARD DEVIATION							

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= Cumberworth, Lee

YI Values

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

PartID	R1DEME	R2DEME	R3DEME	R4DEME	R5DEME	R6DEME	
J1-6-C13 2ND RING CARBON							
K1-6-C13 2ND RING CARBON							
L1-6-C13 2ND RING CARBON							
M1-6-C13 2ND RING CARBON							
MAXIMUM							
MINIMUM							
RANGE(MAX-MIN)							
MEAN							
STANDARD DEVIATION							

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= Foecking, Brian

YI Values

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

PartID	R1DEME	R2DEME	R3DEME	R4DEME	R5DEME	R6DEME	
J1-6-C13 2ND RING CARBON	0.35	1.58	0.44	0.27	0.64	1.69	
K1-6-C13 2ND RING CARBON							
L1-6-C13 2ND RING CARBON							
M1-6-C13 2ND RING CARBON							
MAXIMUM	0.35	1.58	0.44	0.27	0.64	1.69	
MINIMUM	0.35	1.58	0.44	0.27	0.64	1.69	
RANGE(MAX-MIN)	0.000	0.000	0.000	0.000	0.000	0.000	
MEAN	0.350	1.580	0.440	0.270	0.640	1.690	
STANDARD DEVIATION	0.000	0.000	0.000	0.000	0.000	0.000	

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= Fujita, Hirokazu

YI Values

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

PartID	R1DEME	R2DEME	R3DEME	R4DEME	R5DEME	R6DEME	
J1-6-C13 2ND RING CARBON							
K1-6-C13 2ND RING CARBON							
L1-6-C13 2ND RING CARBON							
M1-6-C13 2ND RING CARBON							
MAXIMUM							
MINIMUM							
RANGE(MAX-MIN)							
MEAN							
STANDARD DEVIATION							

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= Greenland, Paul

YI Values

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

PartID	R1DEME	R2DEME	R3DEME	R4DEME	R5DEME	R6DEME	
J1-6-C13 2ND RING CARBON							
K1-6-C13 2ND RING CARBON							
L1-6-C13 2ND RING CARBON							
M1-6-C13 2ND RING CARBON							
MAXIMUM							
MINIMUM							
RANGE(MAX-MIN)							
MEAN							
STANDARD DEVIATION							

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= Guarda, Waldyr

YI Values

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

PartID	R1DEME	R2DEME	R3DEME	R4DEME	R5DEME	R6DEME	
J1-6-C13 2ND RING CARBON							
K1-6-C13 2ND RING CARBON	-0.24	-0.53	-0.75	0.50	-1.00	-0.96	
L1-6-C13 2ND RING CARBON	-1.03	-0.78	-0.82	-1.61	-0.62	-1.00	
M1-6-C13 2ND RING CARBON	-1.04	-1.00	-1.13	-0.76	0.45	-0.88	
MAXIMUM	-1.04	-1.00	-1.13	-1.61	-1.00	-1.00	
MINIMUM	-0.24	-0.53	-0.75	0.50	0.45	-0.88	
RANGE(MAX-MIN)	-0.800	-0.470	-0.380	-2.110	-1.450	-0.120	
MEAN	-0.770	-0.770	-0.900	-0.623	-0.390	-0.947	
STANDARD DEVIATION	0.459	0.235	0.202	1.062	0.752	0.061	

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= Gutzwiller, Jim

YI Values

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

PartID	R1DEME	R2DEME	R3DEME	R4DEME	R5DEME	R6DEME	
J1-6-C13 2ND RING CARBON							
K1-6-C13 2ND RING CARBON							
L1-6-C13 2ND RING CARBON							
M1-6-C13 2ND RING CARBON							
MAXIMUM							
MINIMUM							
RANGE(MAX-MIN)							
MEAN							
STANDARD DEVIATION							

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= Hill, Howard P.

YI Values

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

PartID	R1DEME	R2DEME	R3DEME	R4DEME	R5DEME	R6DEME	
J1-6-C13 2ND RING CARBON							
K1-6-C13 2ND RING CARBON							
L1-6-C13 2ND RING CARBON							
M1-6-C13 2ND RING CARBON							
MAXIMUM							
MINIMUM							
RANGE(MAX-MIN)							
MEAN							
STANDARD DEVIATION							

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= Hills, Barry

YI Values

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

PartID	R1DEME	R2DEME	R3DEME	R4DEME	R5DEME	R6DEME	
J1-6-C13 2ND RING CARBON	0.94	0.58	-0.54	-0.21	-0.21	1.42	
K1-6-C13 2ND RING CARBON							
L1-6-C13 2ND RING CARBON							
M1-6-C13 2ND RING CARBON							
MAXIMUM	0.94	0.58	-0.54	-0.21	-0.21	1.42	
MINIMUM	0.94	0.58	-0.54	-0.21	-0.21	1.42	
RANGE(MAX-MIN)	0.000	0.000	0.000	0.000	0.000	0.000	
MEAN	0.940	0.580	-0.540	-0.210	-0.210	1.420	
STANDARD DEVIATION	0.000	0.000	0.000	0.000	0.000	0.000	

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= Holland, Stephen

YI Values

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

PartID	R1DEME	R2DEME	R3DEME	R4DEME	R5DEME	R6DEME	
J1-6-C13 2ND RING CARBON							
K1-6-C13 2ND RING CARBON							
L1-6-C13 2ND RING CARBON							
M1-6-C13 2ND RING CARBON							
MAXIMUM							
MINIMUM							
RANGE(MAX-MIN)							
MEAN							
STANDARD DEVIATION							

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= Hurst, Kevin R.

YI Values

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

PartID	R1DEME	R2DEME	R3DEME	R4DEME	R5DEME	R6DEME	
J1-6-C13 2ND RING CARBON							
K1-6-C13 2ND RING CARBON							
L1-6-C13 2ND RING CARBON							
M1-6-C13 2ND RING CARBON							
MAXIMUM							
MINIMUM							
RANGE(MAX-MIN)							
MEAN							
STANDARD DEVIATION							

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= Kobrinetz, Joaquin J.

YI Values

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

PartID	R1DEME	R2DEME	R3DEME	R4DEME	R5DEME	R6DEME	
J1-6-C13 2ND RING CARBON							
K1-6-C13 2ND RING CARBON							
L1-6-C13 2ND RING CARBON							
M1-6-C13 2ND RING CARBON							
MAXIMUM							
MINIMUM							
RANGE(MAX-MIN)							
MEAN							
STANDARD DEVIATION							

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= Langford, Mike

YI Values

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

PartID	R1DEME	R2DEME	R3DEME	R4DEME	R5DEME	R6DEME	
J1-6-C13 2ND RING CARBON							
K1-6-C13 2ND RING CARBON							
L1-6-C13 2ND RING CARBON							
M1-6-C13 2ND RING CARBON							
MAXIMUM							
MINIMUM							
RANGE(MAX-MIN)							
MEAN							
STANDARD DEVIATION							

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= Lonsway, Chris

YI Values

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

PartID	R1DEME	R2DEME	R3DEME	R4DEME	R5DEME	R6DEME	
J1-6-C13 2ND RING CARBON							
K1-6-C13 2ND RING CARBON							
L1-6-C13 2ND RING CARBON							
M1-6-C13 2ND RING CARBON							
MAXIMUM							
MINIMUM							
RANGE(MAX-MIN)							
MEAN							
STANDARD DEVIATION							

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= Lopez, Frank

YI Values

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

PartID	R1DEME	R2DEME	R3DEME	R4DEME	R5DEME	R6DEME	
J1-6-C13 2ND RING CARBON							
K1-6-C13 2ND RING CARBON							
L1-6-C13 2ND RING CARBON							
M1-6-C13 2ND RING CARBON							
MAXIMUM							
MINIMUM							
RANGE(MAX-MIN)							
MEAN							
STANDARD DEVIATION							

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= Lowsky, John

YI Values

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

PartID	R1DEME	R2DEME	R3DEME	R4DEME	R5DEME	R6DEME	
J1-6-C13 2ND RING CARBON	-2.02	-1.74	-2.02	-1.58	-1.50	-0.69	
K1-6-C13 2ND RING CARBON	-0.84	-1.40	-1.25	-1.50	-0.52	0.24	
L1-6-C13 2ND RING CARBON	-1.03	-1.10	-0.82	0.18	-1.37	1.00	
M1-6-C13 2ND RING CARBON	0.45	0.15	-0.38	0.59	-0.67	-0.88	
MAXIMUM	-2.02	-1.74	-2.02	-1.58	-1.50	1.00	
MINIMUM	0.45	0.15	-0.38	0.18	-0.52	0.24	
RANGE(MAX-MIN)	-2.470	-1.890	-1.640	-1.760	-0.980	0.760	
MEAN	-0.860	-1.023	-1.118	-0.578	-1.015	-0.083	
STANDARD DEVIATION	1.015	0.824	0.699	1.124	0.492	0.872	

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= May, Marianne

YI Values

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

PartID	R1DEME	R2DEME	R3DEME	R4DEME	R5DEME	R6DEME	
J1-6-C13 2ND RING CARBON	0.35	-0.42	0.05	-0.29	-0.21	-0.43	
K1-6-C13 2ND RING CARBON							
L1-6-C13 2ND RING CARBON							
M1-6-C13 2ND RING CARBON							
MAXIMUM	0.35	-0.42	0.05	-0.29	-0.21	-0.43	
MINIMUM	0.35	-0.42	0.05	-0.29	-0.21	-0.43	
RANGE(MAX-MIN)	0.000	0.000	0.000	0.000	0.000	0.000	
MEAN	0.350	-0.420	0.050	-0.290	-0.210	-0.430	
STANDARD DEVIATION	0.000	0.000	0.000	0.000	0.000	0.000	

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= Moran, Andrew

YI Values

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

PartID	R1DEME	R2DEME	R3DEME	R4DEME	R5DEME	R6DEME	
J1-6-C13 2ND RING CARBON							
K1-6-C13 2ND RING CARBON							
L1-6-C13 2ND RING CARBON							
M1-6-C13 2ND RING CARBON							
MAXIMUM							
MINIMUM							
RANGE(MAX-MIN)							
MEAN							
STANDARD DEVIATION							

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= Pitta, Jimmy

YI Values

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

PartID	R1DEME	R2DEME	R3DEME	R4DEME	R5DEME	R6DEME	
J1-6-C13 2ND RING CARBON							
K1-6-C13 2ND RING CARBON							
L1-6-C13 2ND RING CARBON							
M1-6-C13 2ND RING CARBON							
MAXIMUM							
MINIMUM							
RANGE(MAX-MIN)							
MEAN							
STANDARD DEVIATION							

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= Potocar, William P

YI Values

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

PartID	R1DEME	R2DEME	R3DEME	R4DEME	R5DEME	R6DEME	
J1-6-C13 2ND RING CARBON							
K1-6-C13 2ND RING CARBON							
L1-6-C13 2ND RING CARBON							
M1-6-C13 2ND RING CARBON							
MAXIMUM							
MINIMUM							
RANGE(MAX-MIN)							
MEAN							
STANDARD DEVIATION							

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= Ransford, Ronald

YI Values

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

PartID	R1DEME	R2DEME	R3DEME	R4DEME	R5DEME	R6DEME	
J1-6-C13 2ND RING CARBON							
K1-6-C13 2ND RING CARBON							
L1-6-C13 2ND RING CARBON							
M1-6-C13 2ND RING CARBON							
MAXIMUM							
MINIMUM							
RANGE(MAX-MIN)							
MEAN							
STANDARD DEVIATION							

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= Rodriguez, Jesus (Jesse)

YI Values

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

PartID	R1DEME	R2DEME	R3DEME	R4DEME	R5DEME	R6DEME	
J1-6-C13 2ND RING CARBON							
K1-6-C13 2ND RING CARBON							
L1-6-C13 2ND RING CARBON							
M1-6-C13 2ND RING CARBON							
MAXIMUM							
MINIMUM							
RANGE(MAX-MIN)							
MEAN							
STANDARD DEVIATION							

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= Sanchez, Arthur

YI Values

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

PartID	R1DEME	R2DEME	R3DEME	R4DEME	R5DEME	R6DEME	
J1-6-C13 2ND RING CARBON							
K1-6-C13 2ND RING CARBON							
L1-6-C13 2ND RING CARBON							
M1-6-C13 2ND RING CARBON							
MAXIMUM							
MINIMUM							
RANGE(MAX-MIN)							
MEAN							
STANDARD DEVIATION							

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= Schmidt, Brian

YI Values

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

PartID	R1DEME	R2DEME	R3DEME	R4DEME	R5DEME	R6DEME	
J1-6-C13 2ND RING CARBON							
K1-6-C13 2ND RING CARBON							
L1-6-C13 2ND RING CARBON							
M1-6-C13 2ND RING CARBON							
MAXIMUM							
MINIMUM							
RANGE(MAX-MIN)							
MEAN							
STANDARD DEVIATION							

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= Seiz, Ray

YI Values

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

PartID	R1DEME	R2DEME	R3DEME	R4DEME	R5DEME	R6DEME	
J1-6-C13 2ND RING CARBON							
K1-6-C13 2ND RING CARBON							
L1-6-C13 2ND RING CARBON							
M1-6-C13 2ND RING CARBON							
MAXIMUM							
MINIMUM							
RANGE(MAX-MIN)							
MEAN							
STANDARD DEVIATION							

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= Senneff, Randall R

YI Values

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

PartID	R1DEME	R2DEME	R3DEME	R4DEME	R5DEME	R6DEME	
J1-6-C13 2ND RING CARBON							
K1-6-C13 2ND RING CARBON							
L1-6-C13 2ND RING CARBON							
M1-6-C13 2ND RING CARBON							
MAXIMUM							
MINIMUM							
RANGE(MAX-MIN)							
MEAN							
STANDARD DEVIATION							

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= Stremlow, Mike

YI Values

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

PartID	R1DEME	R2DEME	R3DEME	R4DEME	R5DEME	R6DEME	
J1-6-C13 2ND RING CARBON							
K1-6-C13 2ND RING CARBON							
L1-6-C13 2ND RING CARBON							
M1-6-C13 2ND RING CARBON							
MAXIMUM							
MINIMUM							
RANGE(MAX-MIN)							
MEAN							
STANDARD DEVIATION							

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= Sugita, Takashi

YI Values

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

PartID	R1DEME	R2DEME	R3DEME	R4DEME	R5DEME	R6DEME	
J1-6-C13 2ND RING CARBON							
K1-6-C13 2ND RING CARBON							
L1-6-C13 2ND RING CARBON							
M1-6-C13 2ND RING CARBON							
MAXIMUM							
MINIMUM							
RANGE(MAX-MIN)							
MEAN							
STANDARD DEVIATION							

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= Trevino, Bobby

YI Values

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

PartID	R1DEME	R2DEME	R3DEME	R4DEME	R5DEME	R6DEME	
J1-6-C13 2ND RING CARBON							
K1-6-C13 2ND RING CARBON							
L1-6-C13 2ND RING CARBON							
M1-6-C13 2ND RING CARBON							
MAXIMUM							
MINIMUM							
RANGE(MAX-MIN)							
MEAN							
STANDARD DEVIATION							

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= Viera, Ralph B.

YI Values

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

PartID	R1DEME	R2DEME	R3DEME	R4DEME	R5DEME	R6DEME	
J1-6-C13 2ND RING CARBON	0.54	0.58	0.25	-0.94	1.50	-0.17	
K1-6-C13 2ND RING CARBON	0.36	0.35	0.25	0.50	1.62	-0.96	
L1-6-C13 2ND RING CARBON	0.11	0.50	0.00	0.48	0.57	0.00	
M1-6-C13 2ND RING CARBON	0.45	0.54	0.38	1.40	-0.67	1.07	
MAXIMUM	0.54	0.58	0.38	1.40	1.62	1.07	
MINIMUM	0.11	0.35	0.00	0.48	0.57	0.00	
RANGE(MAX-MIN)	0.430	0.230	0.380	0.920	1.050	1.070	
MEAN	0.365	0.493	0.220	0.360	0.755	-0.015	
STANDARD DEVIATION	0.185	0.100	0.159	0.967	1.060	0.836	

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= Zalewski, John

YI Values

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

PartID	R1DEME	R2DEME	R3DEME	R4DEME	R5DEME	R6DEME	
J1-6-C13 2ND RING CARBON							
K1-6-C13 2ND RING CARBON							
L1-6-C13 2ND RING CARBON							
M1-6-C13 2ND RING CARBON							
MAXIMUM							
MINIMUM							
RANGE(MAX-MIN)							
MEAN							
STANDARD DEVIATION							

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= Avis, Steven

YI Values

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

PartID	TOTALS	
ISMOP-ISM OIL PAN	-1.96	
ISMRC-ISM ROCKER COVER	-2.33	
VOP-VG OIL PAN	-0.08	
VOPB-VG OIL PAN BFL	0.67	
VRCBL-VG RC BFL SLUDGE L	-0.81	
VRCBR-VG RC BFL SLUDGE R	-0.20	
VRCL-VG RC LEFT	0.68	
VRCL-VG RC RIGHT	-0.04	
VSCALL-CAL RC BFL SLUDGE L	-0.08	
VSCALR-CAL RC BFL SLUDGE R	-0.03	
VTCC-VG TC COVER	-0.48	
VVDL-VG VALVE DECK L	-0.25	
VVDR-VG VALVE DECK R	-0.54	
MAXIMUM	-2.33	
MINIMUM	-0.03	
RANGE(MAX-MIN)	-2.300	
MEAN	-0.419	
STANDARD DEVIATION	0.875	

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= Barrera, Tony

YI Values

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

PartID	TOTALS	
ISMOP-ISM OIL PAN	-0.46	
ISMRC-ISM ROCKER COVER	-0.83	
VOP-VG OIL PAN	-0.72	
VOPB-VG OIL PAN BFL	-0.66	
VRCBL-VG RC BFL SLUDGE L	-0.68	
VRCBR-VG RC BFL SLUDGE R	-1.14	
VRCL-VG RC LEFT	-1.47	
VRCR-VG RC RIGHT	0.17	
VSCALL-CAL RC BFL SLUDGE L	0.29	
VSCALR-CAL RC BFL SLUDGE R	0.73	
VTCC-VG TC COVER	-0.91	
VVDL-VG VALVE DECK L	-2.36	
VVDR-VG VALVE DECK R	-1.72	
MAXIMUM	-2.36	
MINIMUM	0.17	
RANGE(MAX-MIN)	-2.530	
MEAN	-0.751	
STANDARD DEVIATION	0.839	

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= Castile, Kevin

YI Values

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

PartID	TOTALS	
ISMOP-ISM OIL PAN		
ISMRC-ISM ROCKER COVER		
VOP-VG OIL PAN		
VOPB-VG OIL PAN BFL		
VRCBL-VG RC BFL SLUDGE L		
VRCBR-VG RC BFL SLUDGE R		
VRCL-VG RC LEFT		
VRCR-VG RC RIGHT		
VSCALL-CAL RC BFL SLUDGE L		
VSCALR-CAL RC BFL SLUDGE R	0.84	
VTCC-VG TC COVER		
VVDL-VG VALVE DECK L		
VVDR-VG VALVE DECK R		
MAXIMUM	0.84	
MINIMUM	0.84	
RANGE(MAX-MIN)	0.000	
MEAN	0.840	
STANDARD DEVIATION	0.000	

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= Castillo, George

YI Values

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

PartID	TOTALS	
ISMOP-ISM OIL PAN	-0.81	
ISMRC-ISM ROCKER COVER	-0.47	
VOP-VG OIL PAN	1.19	
VOPB-VG OIL PAN BFL	0.34	
VRCBL-VG RC BFL SLUDGE L	0.37	
VRCBR-VG RC BFL SLUDGE R	-0.48	
VRCL-VG RC LEFT	-2.41	
VRCL-VG RC LEFT	-3.37	
VRCR-VG RC RIGHT	-3.37	
VSCALL-CAL RC BFL SLUDGE L	1.02	
VSCALR-CAL RC BFL SLUDGE R	0.84	
VTCC-VG TC COVER	1.05	
VVDL-VG VALVE DECK L	-0.25	
VVDR-VG VALVE DECK R	0.05	
MAXIMUM	-3.37	
MINIMUM	0.05	
RANGE(MAX-MIN)	-3.420	
MEAN	-0.225	
STANDARD DEVIATION	1.360	

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= Chao, Kenneth

YI Values

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

PartID	TOTALS	
ISMOP-ISM OIL PAN		
ISMRC-ISM ROCKER COVER		
VOP-VG OIL PAN		
VOPB-VG OIL PAN BFL		
VRCBL-VG RC BFL SLUDGE L		
VRCBR-VG RC BFL SLUDGE R		
VRCL-VG RC LEFT		
VRCR-VG RC RIGHT		
VSCALL-CAL RC BFL SLUDGE L		
VSCALR-CAL RC BFL SLUDGE R		
VTCC-VG TC COVER		
VVDL-VG VALVE DECK L		
VVDR-VG VALVE DECK R		
MAXIMUM		
MINIMUM		
RANGE(MAX-MIN)		
MEAN		
STANDARD DEVIATION		

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= Clare, Jamie

YI Values

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

PartID	TOTALS	
ISMOP-ISM OIL PAN	0.34	
ISMRC-ISM ROCKER COVER		
VOP-VG OIL PAN	0.30	
VOPB-VG OIL PAN BFL	-0.33	
VRCBL-VG RC BFL SLUDGE L	-0.10	
VRCBR-VG RC BFL SLUDGE R	0.68	
VRCL-VG RC LEFT	0.30	
VRCR-VG RC RIGHT	0.25	
VSCALL-CAL RC BFL SLUDGE L	0.29	
VSCALR-CAL RC BFL SLUDGE R	0.73	
VTCC-VG TC COVER	-0.19	
VVDL-VG VALVE DECK L	0.69	
VVDR-VG VALVE DECK R	1.00	
MAXIMUM	1.00	
MINIMUM	-0.10	
RANGE(MAX-MIN)	1.100	
MEAN	0.330	
STANDARD DEVIATION	0.400	

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= Cumberworth, Lee

YI Values

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

PartID	TOTALS	
ISMOP-ISM OIL PAN	0.34	
ISMRC-ISM ROCKER COVER	0.15	
VOP-VG OIL PAN		
VOPB-VG OIL PAN BFL		
VRCBL-VG RC BFL SLUDGE L		
VRCBR-VG RC BFL SLUDGE R		
VRCL-VG RC LEFT		
VRCR-VG RC RIGHT		
VSCALL-CAL RC BFL SLUDGE L	-2.16	
VSCALR-CAL RC BFL SLUDGE R	-1.45	
VTCC-VG TC COVER		
VVDL-VG VALVE DECK L		
VVDR-VG VALVE DECK R		
MAXIMUM	-2.16	
MINIMUM	0.15	
RANGE(MAX-MIN)	-2.310	
MEAN	-0.780	
STANDARD DEVIATION	1.221	

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= Fujita, Hirokazu

YI Values

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

PartID	TOTALS	
ISMOP-ISM OIL PAN		
ISMRC-ISM ROCKER COVER		
VOP-VG OIL PAN		
VOPB-VG OIL PAN BFL		
VRCBL-VG RC BFL SLUDGE L		
VRCBR-VG RC BFL SLUDGE R		
VRCL-VG RC LEFT		
VRCR-VG RC RIGHT		
VSCALL-CAL RC BFL SLUDGE L		
VSCALR-CAL RC BFL SLUDGE R		
VTCC-VG TC COVER		
VVDL-VG VALVE DECK L		
VVDR-VG VALVE DECK R		
MAXIMUM		
MINIMUM		
RANGE(MAX-MIN)		
MEAN		
STANDARD DEVIATION		

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= Greenland, Paul

YI Values

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

PartID	TOTALS	
ISMOP-ISM OIL PAN	0.23	
ISMRC-ISM ROCKER COVER	0.50	
VOP-VG OIL PAN	0.30	
VOPB-VG OIL PAN BFL	-0.44	
VRCBL-VG RC BFL SLUDGE L	-0.17	
VRCBR-VG RC BFL SLUDGE R	0.68	
VRCL-VG RC LEFT	0.30	
VRCL-VG RC RIGHT	0.25	
VSCALL-CAL RC BFL SLUDGE L	0.29	
VSCALR-CAL RC BFL SLUDGE R	0.62	
VTCC-VG TC COVER	-0.14	
VVDL-VG VALVE DECK L	0.69	
VVDR-VG VALVE DECK R	0.64	
MAXIMUM	0.69	
MINIMUM	-0.14	
RANGE(MAX-MIN)	0.830	
MEAN	0.288	
STANDARD DEVIATION	0.356	

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= Guarda, Waldyr

YI Values

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

PartID	TOTALS	
ISMOP-ISM OIL PAN	0.69	
ISMRC-ISM ROCKER COVER	0.23	
VOP-VG OIL PAN	1.31	
VOPB-VG OIL PAN BFL	-0.09	
VRCBL-VG RC BFL SLUDGE L	-0.22	
VRCBR-VG RC BFL SLUDGE R	-0.31	
VRCL-VG RC LEFT	-0.54	
VRCR-VG RC RIGHT	0.17	
VSCALL-CAL RC BFL SLUDGE L		
VSCALR-CAL RC BFL SLUDGE R		
VTCC-VG TC COVER	-0.57	
VVDL-VG VALVE DECK L	1.86	
VVDR-VG VALVE DECK R	-0.06	
MAXIMUM	1.86	
MINIMUM	-0.06	
RANGE(MAX-MIN)	1.920	
MEAN	0.225	
STANDARD DEVIATION	0.771	

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= Gutzwiller, Jim

YI Values

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

PartID	TOTALS	
ISMOP-ISM OIL PAN	1.26	
ISMRC-ISM ROCKER COVER	-0.74	
VOP-VG OIL PAN	0.68	
VOPB-VG OIL PAN BFL	1.78	
VRCBL-VG RC BFL SLUDGE L	-0.76	
VRCBR-VG RC BFL SLUDGE R	-2.07	
VRCL-VG RC LEFT	0.40	
VRCR-VG RC RIGHT	0.17	
VSCALL-CAL RC BFL SLUDGE L		
VSCALR-CAL RC BFL SLUDGE R		
VTCC-VG TC COVER	-2.44	
VVDL-VG VALVE DECK L	-0.32	
VVDR-VG VALVE DECK R	0.29	
MAXIMUM	-2.44	
MINIMUM	0.17	
RANGE(MAX-MIN)	-2.610	
MEAN	-0.159	
STANDARD DEVIATION	1.291	

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= Hill, Howard P.

YI Values

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

PartID	TOTALS	
ISMOP-ISM OIL PAN	1.26	
ISMRC-ISM ROCKER COVER	0.23	
VOP-VG OIL PAN		
VOPB-VG OIL PAN BFL		
VRCBL-VG RC BFL SLUDGE L		
VRCBR-VG RC BFL SLUDGE R		
VRCL-VG RC LEFT		
VRCR-VG RC RIGHT		
VSCALL-CAL RC BFL SLUDGE L	-0.33	
VSCALR-CAL RC BFL SLUDGE R	-0.58	
VTCC-VG TC COVER		
VVDL-VG VALVE DECK L		
VVDR-VG VALVE DECK R		
MAXIMUM	1.26	
MINIMUM	0.23	
RANGE(MAX-MIN)	1.030	
MEAN	0.145	
STANDARD DEVIATION	0.817	

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= Hills, Barry

YI Values

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

PartID	TOTALS	
ISMOP-ISM OIL PAN	0.46	
ISMRC-ISM ROCKER COVER	0.41	
VOP-VG OIL PAN	0.68	
VOPB-VG OIL PAN BFL	0.01	
VRCBL-VG RC BFL SLUDGE L	2.30	
VRCBR-VG RC BFL SLUDGE R	2.30	
VRCL-VG RC LEFT	0.49	
VRCL-VG RC RIGHT	0.39	
VSCALL-CAL RC BFL SLUDGE L	-0.57	
VSCALR-CAL RC BFL SLUDGE R	-1.23	
VTCC-VG TC COVER	1.20	
VVDL-VG VALVE DECK L	0.85	
VVDR-VG VALVE DECK R	1.47	
MAXIMUM	2.30	
MINIMUM	0.01	
RANGE(MAX-MIN)	2.290	
MEAN	0.674	
STANDARD DEVIATION	1.003	

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= Holland, Stephen

YI Values

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

PartID	TOTALS	
ISMOP-ISM OIL PAN	0.34	
ISMRC-ISM ROCKER COVER	0.50	
VOP-VG OIL PAN	0.55	
VOPB-VG OIL PAN BFL	-0.33	
VRCBL-VG RC BFL SLUDGE L	-0.10	
VRCBR-VG RC BFL SLUDGE R	0.68	
VRCL-VG RC LEFT	0.30	
VRCR-VG RC RIGHT	0.25	
VSCALL-CAL RC BFL SLUDGE L	0.29	
VSCALR-CAL RC BFL SLUDGE R	1.06	
VTCC-VG TC COVER	-0.19	
VVDL-VG VALVE DECK L	0.69	
VVDR-VG VALVE DECK R	1.00	
MAXIMUM	1.06	
MINIMUM	-0.10	
RANGE(MAX-MIN)	1.160	
MEAN	0.388	
STANDARD DEVIATION	0.425	

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= Kobrinetz, Joaquin J.

YI Values

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

PartID	TOTALS	
ISMOP-ISM OIL PAN	-0.12	
ISMRC-ISM ROCKER COVER	0.94	
VOP-VG OIL PAN		
VOPB-VG OIL PAN BFL		
VRCBL-VG RC BFL SLUDGE L		
VRCBR-VG RC BFL SLUDGE R		
VRCL-VG RC LEFT		
VRCR-VG RC RIGHT		
VSCALL-CAL RC BFL SLUDGE L		
VSCALR-CAL RC BFL SLUDGE R		
VTCC-VG TC COVER		
VVDL-VG VALVE DECK L		
VVDR-VG VALVE DECK R		
MAXIMUM	0.94	
MINIMUM	-0.12	
RANGE(MAX-MIN)	1.060	
MEAN	0.410	
STANDARD DEVIATION	0.750	

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= Langford, Mike

YI Values

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

PartID	TOTALS	
ISMOP-ISM OIL PAN	0.23	
ISMRC-ISM ROCKER COVER	0.41	
VOP-VG OIL PAN	0.55	
VOPB-VG OIL PAN BFL	-0.44	
VRCBL-VG RC BFL SLUDGE L	-0.10	
VRCBR-VG RC BFL SLUDGE R	0.68	
VRCL-VG RC LEFT	0.30	
VRCL-VG RC RIGHT	0.25	
VSCALL-CAL RC BFL SLUDGE L	0.29	
VSCALR-CAL RC BFL SLUDGE R	0.84	
VTCC-VG TC COVER	-0.19	
VVDL-VG VALVE DECK L	0.69	
VVDR-VG VALVE DECK R	1.00	
MAXIMUM	1.00	
MINIMUM	-0.10	
RANGE(MAX-MIN)	1.100	
MEAN	0.347	
STANDARD DEVIATION	0.416	

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= Lopez, Frank

YI Values

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

PartID	TOTALS	
ISMOP-ISM OIL PAN	0.46	
ISMRC-ISM ROCKER COVER	1.47	
VOP-VG OIL PAN		
VOPB-VG OIL PAN BFL		
VRCBL-VG RC BFL SLUDGE L		
VRCBR-VG RC BFL SLUDGE R		
VRCL-VG RC LEFT		
VRCR-VG RC RIGHT		
VSCALL-CAL RC BFL SLUDGE L	1.02	
VSCALR-CAL RC BFL SLUDGE R	0.08	
VTCC-VG TC COVER		
VVDL-VG VALVE DECK L		
VVDR-VG VALVE DECK R		
MAXIMUM	1.47	
MINIMUM	0.08	
RANGE(MAX-MIN)	1.390	
MEAN	0.758	
STANDARD DEVIATION	0.612	

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= Lowsky, John

YI Values

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

PartID	TOTALS	
ISMOP-ISM OIL PAN	-1.50	
ISMRC-ISM ROCKER COVER	-0.12	
VOP-VG OIL PAN	-0.97	
VOPB-VG OIL PAN BFL	-0.77	
VRCBL-VG RC BFL SLUDGE L	0.24	
VRCBR-VG RC BFL SLUDGE R	-1.14	
VRCL-VG RC LEFT	0.21	
VRCL-VG RC RIGHT	0.75	
VSCALL-CAL RC BFL SLUDGE L	-0.33	
VSCALR-CAL RC BFL SLUDGE R	-0.14	
VTCC-VG TC COVER	-0.28	
VVDL-VG VALVE DECK L	0.38	
VVDR-VG VALVE DECK R	0.29	
MAXIMUM	-1.50	
MINIMUM	-0.12	
RANGE(MAX-MIN)	-1.380	
MEAN	-0.260	
STANDARD DEVIATION	0.666	

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= May, Marianne

YI Values

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

PartID	TOTALS	
ISMOP-ISM OIL PAN	-0.58	
ISMRC-ISM ROCKER COVER	-0.74	
VOP-VG OIL PAN	-0.08	
VOPB-VG OIL PAN BFL	-0.44	
VRCBL-VG RC BFL SLUDGE L	-0.81	
VRCBR-VG RC BFL SLUDGE R	-0.60	
VRCL-VG RC LEFT	-0.63	
VRCL-VG RC RIGHT	-0.77	
VSCALL-CAL RC BFL SLUDGE L	-0.08	
VSCALR-CAL RC BFL SLUDGE R	0.84	
VTCC-VG TC COVER	-0.19	
VVDL-VG VALVE DECK L	-1.18	
VVDR-VG VALVE DECK R	-0.54	
MAXIMUM	-1.18	
MINIMUM	-0.08	
RANGE(MAX-MIN)	-1.100	
MEAN	-0.446	
STANDARD DEVIATION	0.494	

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= Moran, Andrew

YI Values

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

PartID	TOTALS	
ISMOP-ISM OIL PAN		
ISMRC-ISM ROCKER COVER		
VOP-VG OIL PAN		
VOPB-VG OIL PAN BFL		
VRCBL-VG RC BFL SLUDGE L		
VRCBR-VG RC BFL SLUDGE R		
VRCL-VG RC LEFT		
VRCR-VG RC RIGHT		
VSCALL-CAL RC BFL SLUDGE L		
VSCALR-CAL RC BFL SLUDGE R		
VTCC-VG TC COVER		
VVDL-VG VALVE DECK L		
VVDR-VG VALVE DECK R		
MAXIMUM		
MINIMUM		
RANGE(MAX-MIN)		
MEAN		
STANDARD DEVIATION		

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= Pitta, Jimmy

YI Values

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

PartID	TOTALS	
ISMOP-ISM OIL PAN		
ISMRC-ISM ROCKER COVER		
VOP-VG OIL PAN		
VOPB-VG OIL PAN BFL		
VRCBL-VG RC BFL SLUDGE L		
VRCBR-VG RC BFL SLUDGE R		
VRCL-VG RC LEFT		
VRCR-VG RC RIGHT		
VSCALL-CAL RC BFL SLUDGE L		
VSCALR-CAL RC BFL SLUDGE R		
VTCC-VG TC COVER		
VVDL-VG VALVE DECK L		
VVDR-VG VALVE DECK R		
MAXIMUM		
MINIMUM		
RANGE(MAX-MIN)		
MEAN		
STANDARD DEVIATION		

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= Potocar, William P

YI Values

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

PartID	TOTALS	
ISMOP-ISM OIL PAN	-0.23	
ISMRC-ISM ROCKER COVER	-0.91	
VOP-VG OIL PAN	-2.24	
VOPB-VG OIL PAN BFL	0.12	
VRCBL-VG RC BFL SLUDGE L	0.24	
VRCBR-VG RC BFL SLUDGE R	-0.28	
VRCL-VG RC LEFT	1.52	
VRCL-VG RC LEFT	0.97	
VSCALL-CAL RC BFL SLUDGE L	1.14	
VSCALR-CAL RC BFL SLUDGE R	-0.36	
VTCC-VG TC COVER	0.72	
VVDL-VG VALVE DECK L	0.30	
VVDR-VG VALVE DECK R	-0.42	
MAXIMUM	-2.24	
MINIMUM	0.12	
RANGE(MAX-MIN)	-2.360	
MEAN	0.044	
STANDARD DEVIATION	0.978	

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= Ransford, Ronald

YI Values

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

PartID	TOTALS	
ISMOP-ISM OIL PAN		
ISMRC-ISM ROCKER COVER		
VOP-VG OIL PAN		
VOPB-VG OIL PAN BFL		
VRCBL-VG RC BFL SLUDGE L		
VRCBR-VG RC BFL SLUDGE R		
VRCL-VG RC LEFT		
VRCR-VG RC RIGHT		
VSCALL-CAL RC BFL SLUDGE L		
VSCALR-CAL RC BFL SLUDGE R		
VTCC-VG TC COVER		
VVDL-VG VALVE DECK L		
VVDR-VG VALVE DECK R		
MAXIMUM		
MINIMUM		
RANGE(MAX-MIN)		
MEAN		
STANDARD DEVIATION		

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= Rodriguez, Jesus (Jesse)

YI Values

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

PartID	TOTALS	
ISMOP-ISM OIL PAN	0.69	
ISMRC-ISM ROCKER COVER	0.23	
VOP-VG OIL PAN		
VOPB-VG OIL PAN BFL		
VRCBL-VG RC BFL SLUDGE L		
VRCBR-VG RC BFL SLUDGE R		
VRCL-VG RC LEFT		
VRCR-VG RC RIGHT		
VSCALL-CAL RC BFL SLUDGE L	1.51	
VSCALR-CAL RC BFL SLUDGE R	-0.03	
VTCC-VG TC COVER		
VVDL-VG VALVE DECK L		
VVDR-VG VALVE DECK R		
MAXIMUM	1.51	
MINIMUM	-0.03	
RANGE(MAX-MIN)	1.540	
MEAN	0.600	
STANDARD DEVIATION	0.676	

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= Sanchez, Arthur

YI Values

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

PartID	TOTALS	
ISMOP-ISM OIL PAN	-2.31	
ISMRC-ISM ROCKER COVER	-0.74	
VOP-VG OIL PAN		
VOPB-VG OIL PAN BFL		
VRCBL-VG RC BFL SLUDGE L		
VRCBR-VG RC BFL SLUDGE R		
VRCL-VG RC LEFT		
VRCR-VG RC RIGHT		
VSCALL-CAL RC BFL SLUDGE L	-1.79	
VSCALR-CAL RC BFL SLUDGE R	-2.00	
VTCC-VG TC COVER		
VVDL-VG VALVE DECK L		
VVDR-VG VALVE DECK R		
MAXIMUM	-2.31	
MINIMUM	-0.74	
RANGE(MAX-MIN)	-1.570	
MEAN	-1.710	
STANDARD DEVIATION	0.681	

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= Schmidt, Brian

YI Values

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

PartID	TOTALS	
ISMOP-ISM OIL PAN		
ISMRC-ISM ROCKER COVER		
VOP-VG OIL PAN		
VOPB-VG OIL PAN BFL		
VRCBL-VG RC BFL SLUDGE L		
VRCBR-VG RC BFL SLUDGE R		
VRCL-VG RC LEFT		
VRCR-VG RC RIGHT		
VSCALL-CAL RC BFL SLUDGE L		
VSCALR-CAL RC BFL SLUDGE R		
VTCC-VG TC COVER		
VVDL-VG VALVE DECK L		
VVDR-VG VALVE DECK R		
MAXIMUM		
MINIMUM		
RANGE(MAX-MIN)		
MEAN		
STANDARD DEVIATION		

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= Seiz, Ray

YI Values

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

PartID	TOTALS	
ISMOP-ISM OIL PAN	0.00	
ISMRC-ISM ROCKER COVER	-0.47	
VOP-VG OIL PAN	-0.21	
VOPB-VG OIL PAN BFL	0.01	
VRCBL-VG RC BFL SLUDGE L	0.37	
VRCBR-VG RC BFL SLUDGE R	1.34	
VRCL-VG RC LEFT	-0.16	
VRCR-VG RC RIGHT	0.03	
VSCALL-CAL RC BFL SLUDGE L	-1.30	
VSCALR-CAL RC BFL SLUDGE R	-1.67	
VTCC-VG TC COVER	0.72	
VVDL-VG VALVE DECK L	0.61	
VVDR-VG VALVE DECK R	-0.06	
MAXIMUM	-1.67	
MINIMUM	0.00	
RANGE(MAX-MIN)	-1.670	
MEAN	-0.061	
STANDARD DEVIATION	0.793	

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= Senneff, Randall R

YI Values

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

PartID	TOTALS	
ISMOP-ISM OIL PAN		
ISMRC-ISM ROCKER COVER		
VOP-VG OIL PAN		
VOPB-VG OIL PAN BFL		
VRCBL-VG RC BFL SLUDGE L		
VRCBR-VG RC BFL SLUDGE R		
VRCL-VG RC LEFT		
VRCR-VG RC RIGHT		
VSCALL-CAL RC BFL SLUDGE L		
VSCALR-CAL RC BFL SLUDGE R		
VTCC-VG TC COVER		
VVDL-VG VALVE DECK L		
VVDR-VG VALVE DECK R		
MAXIMUM		
MINIMUM		
RANGE(MAX-MIN)		
MEAN		
STANDARD DEVIATION		

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= StremLOW, Mike

YI Values

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

PartID	TOTALS	
ISMOP-ISM OIL PAN		
ISMRC-ISM ROCKER COVER		
VOP-VG OIL PAN		
VOPB-VG OIL PAN BFL		
VRCBL-VG RC BFL SLUDGE L		
VRCBR-VG RC BFL SLUDGE R		
VRCL-VG RC LEFT		
VRCR-VG RC RIGHT		
VSCALL-CAL RC BFL SLUDGE L		
VSCALR-CAL RC BFL SLUDGE R		
VTCC-VG TC COVER		
VVDL-VG VALVE DECK L		
VVDR-VG VALVE DECK R		
MAXIMUM		
MINIMUM		
RANGE(MAX-MIN)		
MEAN		
STANDARD DEVIATION		

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= Sugita, Takashi

YI Values

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

PartID	TOTALS	
ISMOP-ISM OIL PAN		
ISMRC-ISM ROCKER COVER		
VOP-VG OIL PAN		
VOPB-VG OIL PAN BFL		
VRCBL-VG RC BFL SLUDGE L		
VRCBR-VG RC BFL SLUDGE R		
VRCL-VG RC LEFT		
VRCL-VG RC RIGHT		
VSCALL-CAL RC BFL SLUDGE L		
VSCALR-CAL RC BFL SLUDGE R		
VTCC-VG TC COVER		
VVDL-VG VALVE DECK L		
VVDR-VG VALVE DECK R		
MAXIMUM		
MINIMUM		
RANGE(MAX-MIN)		
MEAN		
STANDARD DEVIATION		

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= Trevino, Bobby

YI Values

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

PartID	TOTALS	
ISMOP-ISM OIL PAN	1.61	
ISMRC-ISM ROCKER COVER	1.56	
VOP-VG OIL PAN	0.68	
VOPB-VG OIL PAN BFL	2.00	
VRCBL-VG RC BFL SLUDGE L	0.81	
VRCBR-VG RC BFL SLUDGE R	0.37	
VRCL-VG RC LEFT	1.90	
VRCL-VG RC LEFT	1.55	
VSCALL-CAL RC BFL SLUDGE L	0.29	
VSCALR-CAL RC BFL SLUDGE R	0.95	
VTCC-VG TC COVER	1.15	
VVDL-VG VALVE DECK L	-0.09	
VVDR-VG VALVE DECK R	-0.66	
MAXIMUM	2.00	
MINIMUM	-0.09	
RANGE(MAX-MIN)	2.090	
MEAN	0.932	
STANDARD DEVIATION	0.803	

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= Viera, Ralph B.

YI Values

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

PartID	TOTALS	
ISMOP-ISM OIL PAN	0.11	
ISMRC-ISM ROCKER COVER	1.74	
VOP-VG OIL PAN		
VOPB-VG OIL PAN BFL		
VRCBL-VG RC BFL SLUDGE L		
VRCBR-VG RC BFL SLUDGE R		
VRCL-VG RC LEFT		
VRCL-VG RC LEFT		
VRCL-VG RC LEFT		
VRCL-VG RC LEFT		
VRCR-VG RC RIGHT		
VSCALL-CAL RC BFL SLUDGE L	2.12	
VSCALR-CAL RC BFL SLUDGE R	1.82	
VTCC-VG TC COVER		
VVDL-VG VALVE DECK L		
VVDR-VG VALVE DECK R		
MAXIMUM	2.12	
MINIMUM	0.11	
RANGE(MAX-MIN)	2.010	
MEAN	1.448	
STANDARD DEVIATION	0.907	

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Rater= Zalewski, John

YI Values

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

PartID	TOTALS	
ISMOP-ISM OIL PAN	0.23	
ISMRC-ISM ROCKER COVER	-0.56	
VOP-VG OIL PAN	0.42	
VOPB-VG OIL PAN BFL	0.23	
VRCBL-VG RC BFL SLUDGE L	-2.62	
VRCBR-VG RC BFL SLUDGE R	-0.60	
VRCL-VG RC LEFT	-0.91	
VRCR-VG RC RIGHT	-0.69	
VSCALL-CAL RC BFL SLUDGE L	0.04	
VSCALR-CAL RC BFL SLUDGE R	0.52	
VTCC-VG TC COVER	0.34	
VVDL-VG VALVE DECK L	-1.50	
VVDR-VG VALVE DECK R	-2.66	
MAXIMUM	-2.66	
MINIMUM	0.04	
RANGE(MAX-MIN)	-2.700	
MEAN	-0.597	
STANDARD DEVIATION	1.088	

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Demerit Piston Deposits

Rater	Parts Rated	-1<yi<=1	-2<yi<=2	-3<yi<=3	>3	Yi STD	Group	Group Color
Avis, Steven	17	83.6%	98.5%	100.0%	0.0%	0.70	RED	
Barrera, Tony	13	85.0%	100.0%	100.0%	0.0%	0.67	BLUE	
Castile, Kevin	14	47.6%	79.1%	95.2%	4.8%	1.54	YELLOW	
Castillo, George	10	84.7%	97.7%	100.0%	0.0%	0.73	RED	
Chao, Kenneth	14	43.8%	81.9%	90.5%	9.5%	1.58	YELLOW	
Clapperty, Leon	7	78.7%	98.4%	100.0%	0.0%	0.59	WHITE	
Clare, Jamie	12	60.0%	95.8%	99.0%	1.1%	1.00	WHITE	
Cumberworth, Lee	12	79.8%	98.8%	100.0%	0.0%	0.81	WHITE	
Foecking, Brian	14	89.5%	100.0%	100.0%	0.0%	0.51	BLUE	
Fujita, Hirokazu	9	43.0%	72.2%	92.4%	7.6%	1.25	YELLOW	
Greenland, Paul	12	85.3%	100.0%	100.0%	0.0%	0.71	BLUE	
Guarda, Waldyr	14	80.0%	99.1%	100.0%	0.0%	0.75	RED	
Gutzwiller, Jim	9	77.8%	96.3%	100.0%	0.0%	0.86	WHITE	
Hill, Howard P.	16	71.9%	94.2%	100.0%	0.0%	1.01	WHITE	
Hills, Barry	17	88.1%	99.2%	99.2%	0.8%	0.71	BLUE	
Holland, Stephen	12	86.3%	100.0%	100.0%	0.0%	0.61	BLUE	
Hurst, Kevin R.	19	74.7%	94.4%	100.0%	0.0%	0.96	WHITE	
Kobrinetz, Joaquin J.	14	79.5%	99.2%	100.0%	0.0%	0.61	WHITE	
Langford, Mike	12	77.9%	94.7%	100.0%	0.0%	0.87	WHITE	
Lonsway, Chris	13	84.3%	97.1%	99.0%	1.0%	0.84	RED	
Lopez, Frank	14	89.5%	99.1%	100.0%	0.0%	0.64	BLUE	
Lowsky, John	14	70.5%	94.3%	99.1%	1.0%	0.92	WHITE	
May, Marianne	12	89.1%	98.9%	100.0%	0.0%	0.63	BLUE	
Pitta, Jimmy	10	89.4%	96.5%	98.8%	1.2%	0.71	RED	
Potocar, William P	15	84.7%	95.5%	100.0%	0.0%	0.76	RED	
Ransford, Ronald	13	60.0%	92.0%	99.0%	1.0%	1.09	WHITE	
Rodriguez, Jesus (Jesse)	14	81.9%	93.3%	98.1%	1.9%	0.95	WHITE	
Sanchez, Arthur	14	81.9%	98.1%	100.0%	0.0%	0.74	RED	
Schmidt, Brian	12	38.1%	82.1%	92.9%	7.1%	1.42	YELLOW	
Seiz, Ray	13	75.0%	93.0%	99.0%	1.0%	0.94	WHITE	
Senneff, Randall R	14	84.8%	97.1%	100.0%	0.0%	0.82	RED	
StremLOW, Mike	14	74.3%	95.2%	99.1%	1.0%	0.99	WHITE	
Sugita, Takashi	13	63.4%	87.1%	100.0%	0.0%	1.10	YELLOW	
Trevino, Bobby	11	95.6%	98.9%	100.0%	0.0%	0.50	BLUE	
Viera, Ralph B.	9	85.7%	97.4%	100.0%	0.0%	0.75	RED	
Zalewski, John	14	79.1%	94.3%	100.0%	0.0%	0.97	WHITE	

Group Criteria

	Minimum Number of Parts Rated	Minimum Yi's Within 1 STD of mean	Minimum Yi's Within 2 STD of mean	Maximum Overall Yi STD	Group Totals	
White	6	60%	90%	1.20	14	39%
Red	6	80%	95%	0.85	9	25%
Blue	6	85%	98%	0.75	8	22%
Yellow	-	-	-	-	5	14%

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

C13 Ring Carbon

Rater	Parts Rated	-1<yi<=1	-2<yi<=2	-3<yi<=3	>3	Yi STD	Group	Group Color
Avis, Steven	6	66.7%	100.0%	100.0%	0.0%	0.83	WHITE	
Barrera, Tony	24	91.7%	100.0%	100.0%	0.0%	0.59	BLUE	
Castillo, George	24	37.5%	100.0%	100.0%	0.0%	0.74	YELLOW	
Foecking, Brian	6	66.7%	100.0%	100.0%	0.0%	0.64	WHITE	
Guarda, Waldyr	18	77.8%	100.0%	100.0%	0.0%	0.52	WHITE	
Hills, Barry	6	83.3%	100.0%	100.0%	0.0%	0.77	RED	
Lowsky, John	24	54.2%	91.7%	100.0%	0.0%	0.85	YELLOW	
May, Marianne	6	100.0%	100.0%	100.0%	0.0%	0.30	BLUE	
Viera, Ralph B.	24	83.3%	100.0%	100.0%	0.0%	0.65	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	3	33%
Red	6	80%	95%	0.85	2	22%
Blue	6	85%	98%	0.75	2	22%
Yellow	-	-	-	-	2	22%

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

Sequence V Varnish

Rater	Parts Rated	-1<yi<=1	-2<yi<=2	-3<yi<=3	>3	Yi STD	Group	Group Color
Avis, Steven	16	80.0%	100.0%	100.0%	0.0%	0.57	RED	
Barrera, Tony	32	100.0%	100.0%	100.0%	0.0%	0.31	BLUE	
Castile, Kevin	16	25.0%	87.5%	100.0%	0.0%	0.72	YELLOW	
Castillo, George	8	66.7%	91.7%	100.0%	0.0%	1.08	WHITE	
Chao, Kenneth	24	87.5%	100.0%	100.0%	0.0%	0.52	BLUE	
Clapperty, Leon	0	75.0%	100.0%	100.0%	0.0%	0.41	N/A	
Cumberworth, Lee	0	100.0%	100.0%	100.0%	0.0%	0.24	N/A	
Foecking, Brian	24	85.7%	100.0%	100.0%	0.0%	0.66	BLUE	
Guarda, Waldyr	24	76.9%	100.0%	100.0%	0.0%	0.47	WHITE	
Gutzwiller, Jim	0	100.0%	100.0%	100.0%	0.0%	0.08	N/A	
Hill, Howard P.	0	50.0%	100.0%	100.0%	0.0%	0.44	N/A	
Hills, Barry	0	100.0%	100.0%	100.0%	0.0%	0.53	N/A	
Hurst, Kevin R.	32	61.1%	100.0%	100.0%	0.0%	0.46	WHITE	
Kobrinetz, Joaquin J.	4	100.0%	100.0%	100.0%	0.0%	0.12	N/A	
Lonsway, Chris	12	87.5%	100.0%	100.0%	0.0%	0.52	BLUE	
Lopez, Frank	24	84.6%	100.0%	100.0%	0.0%	0.71	RED	
Lowsky, John	24	60.7%	92.9%	100.0%	0.0%	0.96	WHITE	
May, Marianne	20	91.7%	100.0%	100.0%	0.0%	0.36	BLUE	
Potocar, William P	24	88.5%	100.0%	100.0%	0.0%	0.54	BLUE	
Ransford, Ronald	16	75.0%	100.0%	100.0%	0.0%	0.75	WHITE	
Rodriguez, Jesus (Jesse)	24	84.6%	100.0%	100.0%	0.0%	0.67	RED	
Sanchez, Arthur	24	96.2%	100.0%	100.0%	0.0%	0.56	BLUE	
Schmidt, Brian	24	75.0%	83.3%	95.8%	4.2%	1.24	YELLOW	
Seiz, Ray	8	50.0%	91.7%	100.0%	0.0%	1.09	YELLOW	
Senneff, Randall R	24	58.3%	91.7%	100.0%	0.0%	0.76	YELLOW	
Stremlow, Mike	24	12.5%	100.0%	100.0%	0.0%	0.32	YELLOW	
Sugita, Takashi	16	0.0%	12.5%	100.0%	0.0%	0.29	YELLOW	
Trevino, Bobby	4	100.0%	100.0%	100.0%	0.0%	0.36	N/A	
Viera, Ralph B.	8	100.0%	100.0%	100.0%	0.0%	0.56	BLUE	
Zalewski, John	24	75.0%	100.0%	100.0%	0.0%	0.52	WHITE	

Group Criteria

	Minimum Number of Parts Rated	Minimum Yi's Within 1 STD of mean	Minimum Yi's Within 2 STD of mean	Maximum Overall Yi STD	Group Totals	
White	6	60%	90%	1.20	6	26%
Red	6	80%	95%	0.85	3	13%
Blue	6	85%	98%	0.75	8	35%
Yellow	-	-	-	-	6	26%

HEAVY DUTY RATING WORKSHOP (2011 October 4-6)

SLUDGE

Rater	Parts Rated	-1<yi<=1	-2<yi<=2	-3<yi<=3	>3	Yi STD	Group	Group Color
Avis, Steven	13	84.6%	92.3%	100.0%	0.0%	0.88	WHITE	
Barrera, Tony	13	69.2%	92.3%	100.0%	0.0%	0.84	WHITE	
Castile, Kevin	1	100.0%	100.0%	100.0%	0.0%	0.00	N/A	
Castillo, George	13	61.5%	84.6%	92.3%	7.7%	1.36	YELLOW	
Clapperty, Leon	13	69.2%	100.0%	100.0%	0.0%	0.67	WHITE	
Clare, Jamie	12	100.0%	100.0%	100.0%	0.0%	0.40	BLUE	
Cumberworth, Lee	4	50.0%	75.0%	100.0%	0.0%	1.22	N/A	
Foecking, Brian	13	76.9%	100.0%	100.0%	0.0%	0.68	WHITE	
Greenland, Paul	13	100.0%	100.0%	100.0%	0.0%	0.35	BLUE	
Guarda, Waldyr	11	81.8%	100.0%	100.0%	0.0%	0.77	RED	
Gutzwiller, Jim	11	63.6%	81.8%	100.0%	0.0%	1.29	YELLOW	
Hill, Howard P.	4	75.0%	100.0%	100.0%	0.0%	0.82	N/A	
Hills, Barry	13	61.5%	84.6%	100.0%	0.0%	1.00	YELLOW	
Holland, Stephen	13	92.3%	100.0%	100.0%	0.0%	0.42	BLUE	
Hurst, Kevin R.	13	38.5%	76.9%	100.0%	0.0%	1.10	YELLOW	
Kobrinetz, Joaquin J.	2	100.0%	100.0%	100.0%	0.0%	0.75	N/A	
Langford, Mike	13	100.0%	100.0%	100.0%	0.0%	0.41	BLUE	
Lonsway, Chris	13	84.6%	100.0%	100.0%	0.0%	0.51	RED	
Lopez, Frank	4	50.0%	100.0%	100.0%	0.0%	0.61	N/A	
Lowsky, John	13	84.6%	100.0%	100.0%	0.0%	0.67	RED	
May, Marianne	13	92.3%	100.0%	100.0%	0.0%	0.50	BLUE	
Potocar, William P	13	76.9%	92.3%	100.0%	0.0%	0.98	WHITE	
Rodriguez, Jesus (Jesse)	4	75.0%	100.0%	100.0%	0.0%	0.67	N/A	
Sanchez, Arthur	4	25.0%	75.0%	100.0%	0.0%	0.68	N/A	
Seiz, Ray	13	76.9%	100.0%	100.0%	0.0%	0.79	WHITE	
Trevino, Bobby	13	53.9%	92.3%	100.0%	0.0%	0.81	YELLOW	
Viera, Ralph B.	4	25.0%	75.0%	100.0%	0.0%	0.91	N/A	
Zalewski, John	13	76.9%	84.6%	100.0%	0.0%	1.09	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	6	30%
Red	6	80%	95%	0.85	3	15%
Blue	6	85%	98%	0.75	5	25%
Yellow	-	-	-	-	6	30%