

Test Monitoring Center

@ Carnegie Mellon University 6555 Penn Avenue, Pittsburgh, PA 15206, USA http://astmtmc.cmu.edu 412-365-1000

MEMORANDUM:	20-011
DATE:	April 9, 2020
TO:	Dale Smith, Chairman, L-33-1 Surveillance Panel
FROM:	Dylan Beck DW Bego
SUBJECT:	L-33-1 Testing from October 1, 2019 through March 31, 2020

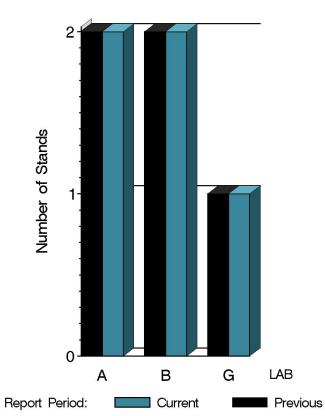
Attached is a summary of testing activity this period.

DJB/djb/mem20-011.djb.doc cc: Frank Farber Jeff Clark L-33-1 Surveillance Panel <u>http://www.astmtmc.cmu.edu/ftp/docs/gear/l331/semiannualreports/L331-04-2020.pdf</u>

Distribution: email

	Reporting Data	Calibrated on 3-31-20
Number of Labs	3	3
Number of Stands	5	5

BY-LAB STAND DISTRIBUTION



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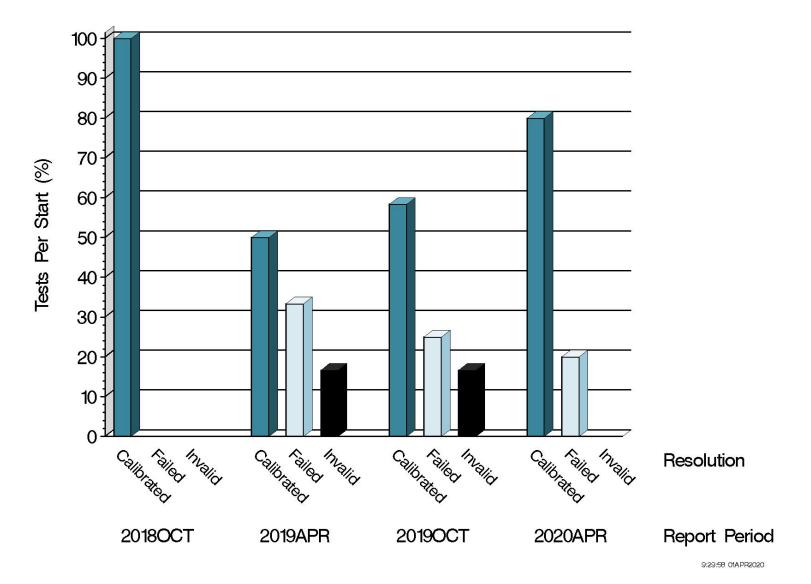
Test Distribution by Oil and Validity

					Totals	
		123-2	155	155-1	Last Period	This Period
Accepted for calibration	AC	3	0	1	7	4
Rejected (Mild)	OC	0	0	1	1	1
Rejected (Severe)	OC	0	0	0	0	0
Rejected (Precision)	OC	0	0	0	2	0
Invalidated calibration	LC	0	0	0	0	0
Aborted	XC	0	0	0	2	0
Unacceptable info run	MI	0	0	0	0	0
Accepted information run	ΝΙ	3	0	2	1	5
Total		6	0	4	13	10

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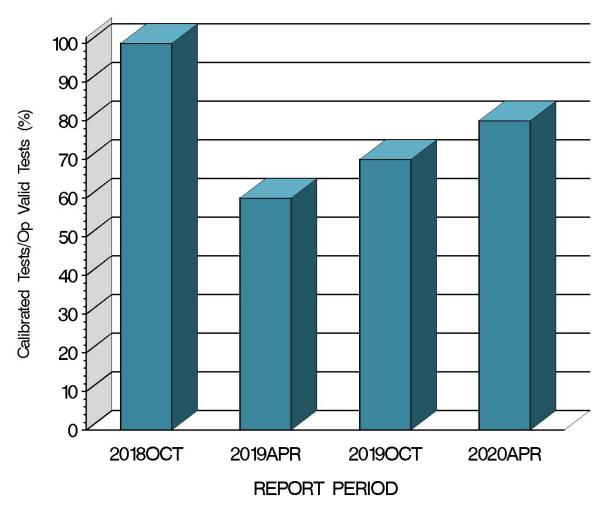
CALIBRATION ATTEMPT SUMMARY





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OPERATIONALLY VALID TESTS MEETING ACCEPTANCE CRITERIA



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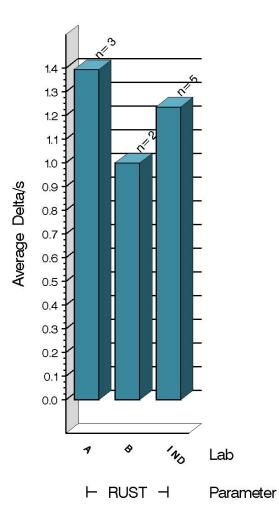
CAUSES FOR LOST TESTS

				Oil		V	alidit	ÿ	Lo	oss Ra	ite
Lab	Cause		123-2	155	155-1	RC	LC	XC	Lost	Starts	%
	No tests were period	lost this							0	10	0
		Lost	0	0	0	0	0	0			
		Starts	6	0	4	10	10	10			
		%	0%	0%	0%	0%	0%	0%			





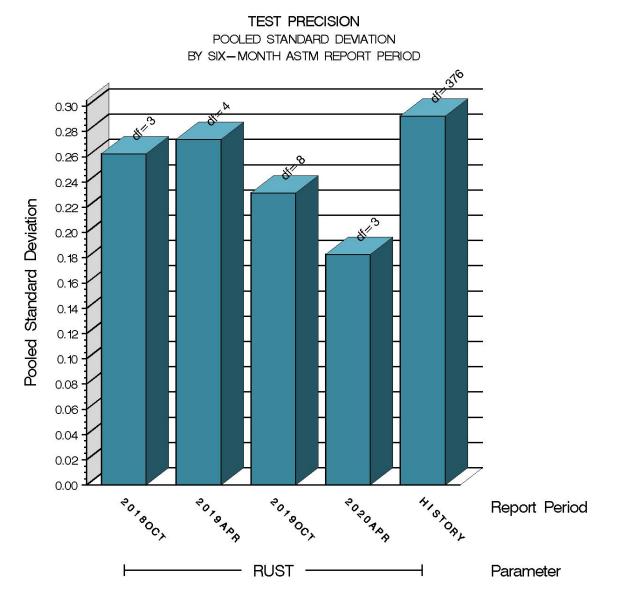
TEST SEVERITY DELTA/S BY LAB



Average ∆/s by Lab				
Lab	n	RUST		
Α	3	1.394		
В	2	1.000		
Industry	5	1.236		
Shift	5	0.309 merits		







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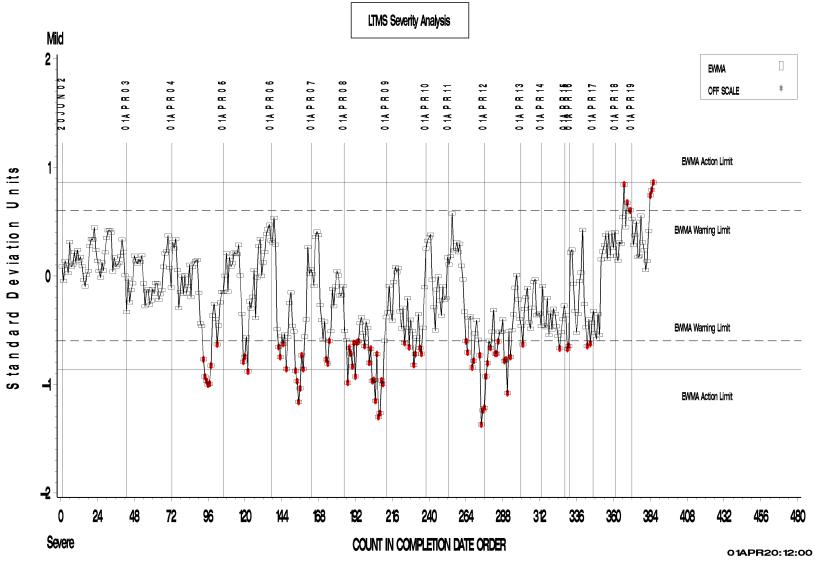
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SUMMARY OF SEVERITY & PRECISION

Industry control charts follow.



L-33-1 INDUSTRY OPERATIONALLY VALID DATA



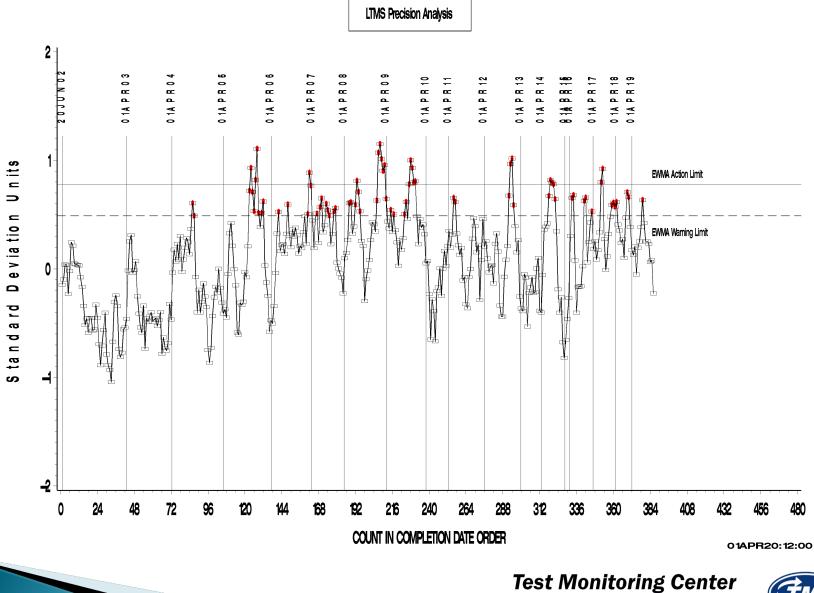
FINAL RUST RESULT

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L-33-1 INDUSTRY OPERATIONALLY VALID DATA

FINAL RUST RESULT

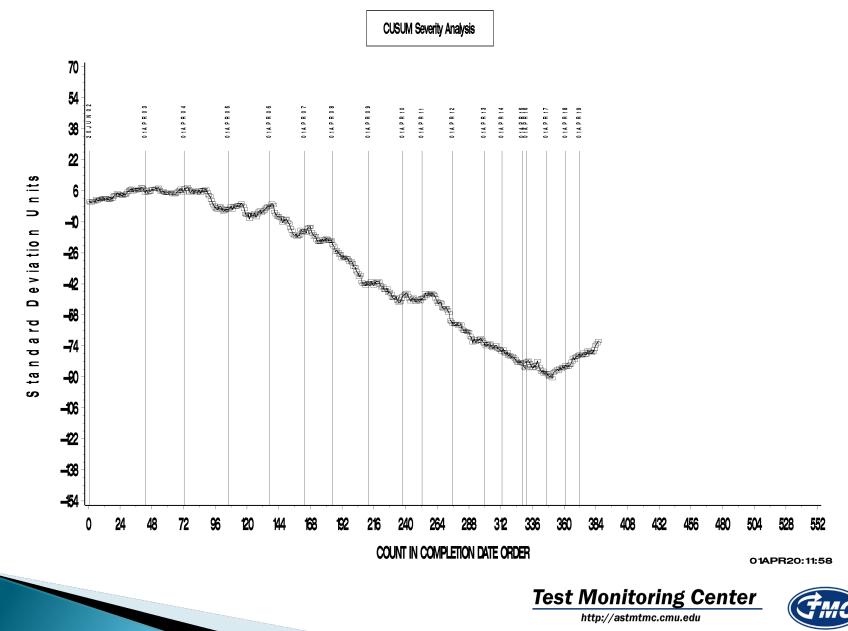


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L-33-1 INDUSTRY OPERATIONALLY VALID DATA

FINAL RUST RESULT



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TIMELINE ADDITIONS

Effective Date	Information Letter	Event	
Feb 25, 2020	20-1	Clarification added to the test procedure to address that the axle housing cover rating is to exclude the plug as a rated area.	





LAB VISITS

One lab visit was conducted during this reporting period. All reviewed elements were found to be in accordance with the test procedure

INFORMATION LETTERS

Info letter 20-001 was issued during this period to clarify that the plug was not to be considered a rated area on the axle housing cover.



STATUS OF REFERENCE OIL SUPPLY

		@ TMC		
Oil	Cans @ Labs	Cans	Gallons	
123-2	17	90	90.0	
155	0	27	27.5	
155-1	16	65	65.4	
Total	33	182	182.9	

The TMC quantity remaining presumes usage only for L-33-1 testing. Oil 155/155-1 is also used in other test areas (L-37, L-37-1, L-60-1, and HTCT).

