

Test Monitoring Center

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

MEMORANDUM: 15-008

DATE: April 8, 2015

TO: Angela Trader, Chairman, L-33-1 Surveillance Panel

FROM: Scott Parke

SUBJECT: L-33-1 Testing from October 1, 2014 through March 31, 2015

Please find attached a summary of testing activity this period.

SDP/sdp/mem15-008.sdp.doc

cc: Frank Farber Jeff Clark

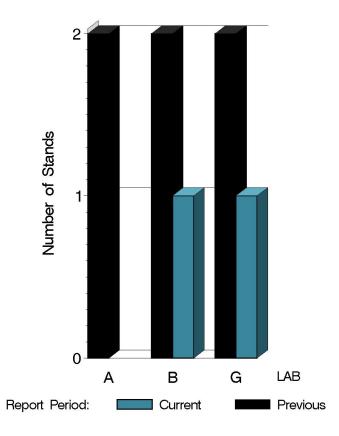
L-33-1 Surveillance Panel

ftp://ftp.astmtmc.cmu.edu/docs/gear/l331/semiannualreports/l331-04-2015.pdf

Distribution: email

	Reporting Data	Calibrated on 3-31-15
Number of Labs	2	2
Number of Stands	2	2

BY-LAB STAND DISTRIBUTION





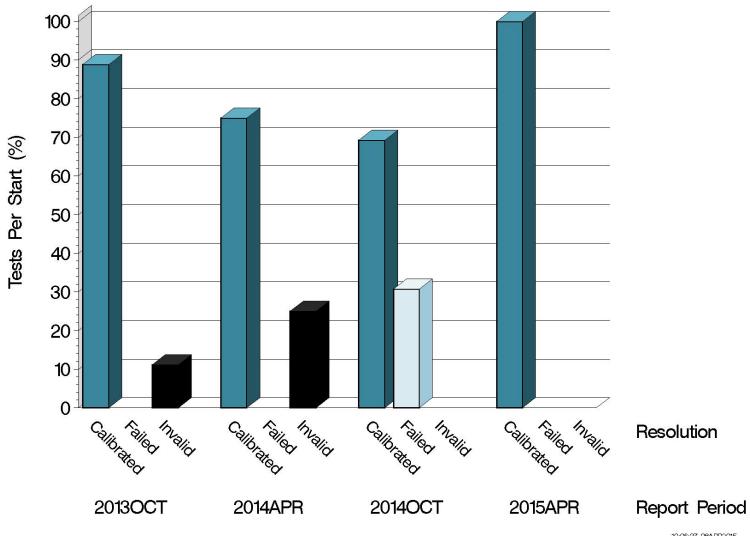


Test Distribution by Oil and Validity

						Totals	
		123-2	155	155-1	Last Period	This Period	
Accepted for calibration	AC	1	0	1	8	2	
Rejected (Mild)	OC	0	0	0	0	0	
Rejected (Severe)	OC	0	0	0	2	0	
Rejected (Precision)	OC	0	0	0	2	0	
Invalidated calibration	LC	0	0	0	0	0	
Aborted	XC	0	0	0	0	0	
Accepted information run	NI	0	0	0	4	0	
Total		1	0	1	16	2	



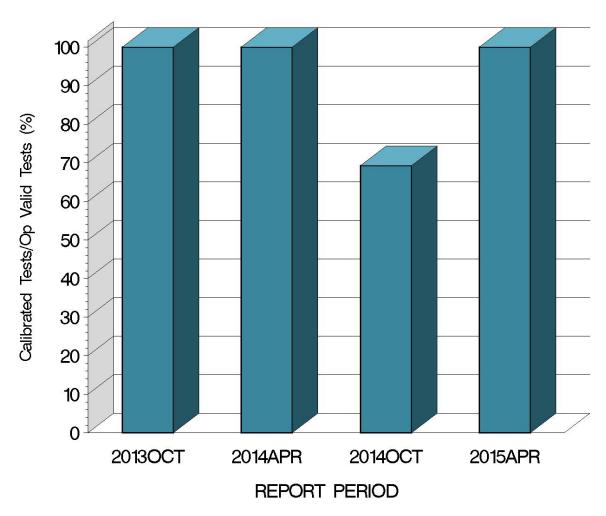
CALIBRATION ATTEMPT SUMMARY







OPERATIONALLY VALID TESTS MEETING ACCEPTANCE CRITERIA





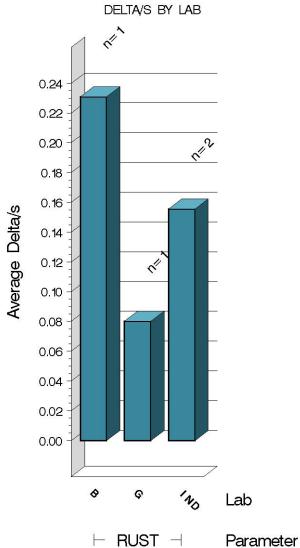


CAUSES FOR LOST TESTS

			Oil		Validity		Loss Rate				
Lab	Cause		123-2	155	155-1	RC	LC	XC	Lost	Starts	%
	No tests were period.	lost this							0	2	0%
		Lost	0	0	0	0	0	0			
		Starts	1	0	1	2	2	2			
		%	0%	0%	0%	0%	0%	0%			



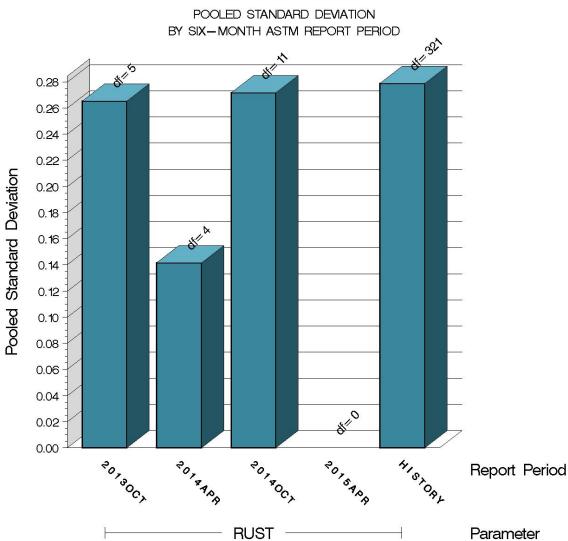




Average ∆/s by Lab				
Lab	n	RUST		
В	1	0.231		
G	1	0.080		
Industry	2	0.155		
Shift	2	0.039		



TEST PRECISION







SUMMARY OF SEVERITY & PRECISION

Severity

Average RUST Δ /s this period was 0.155. Using the target standard deviation for oil 155, this equates to 0.039 merits mild.

Precision

Precision remained within-limits throughout the period.

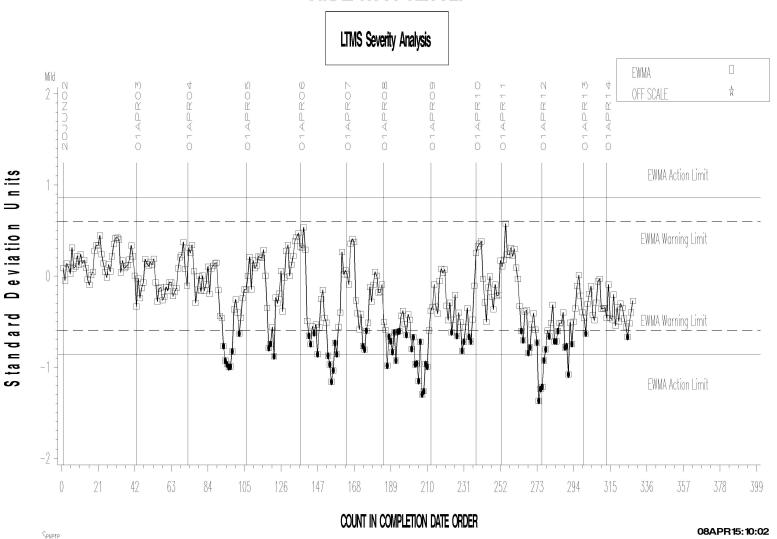
Industry control charts follow.





L-33-1 INDUSTRY OPERATIONALLY VALID DATA

FINAL RUST RESULT



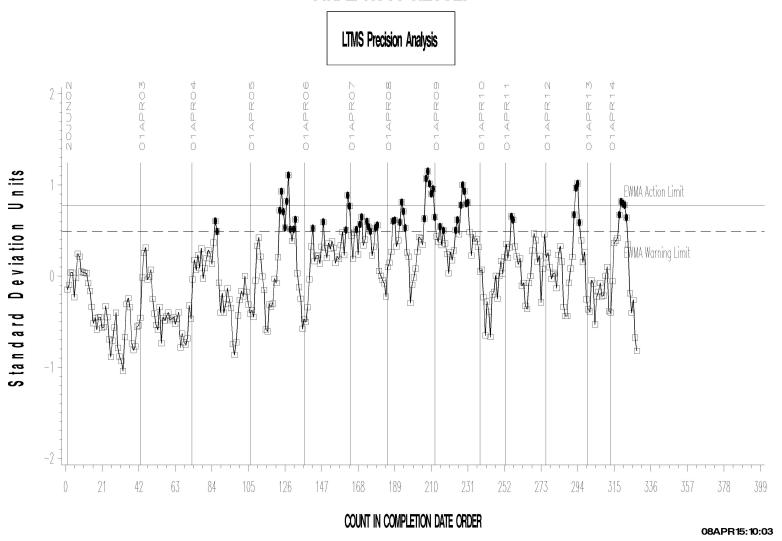
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L-33-1 INDUSTRY OPERATIONALLY VALID DATA

FINAL RUST RESULT



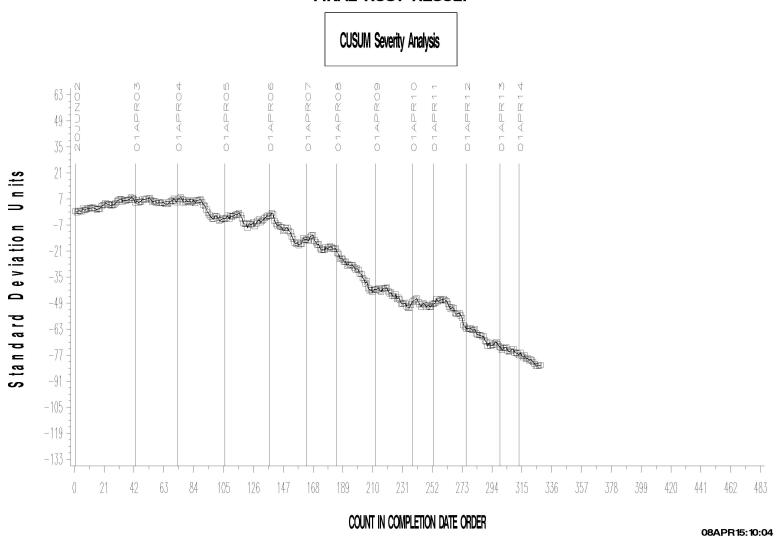
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L-33-1 INDUSTRY OPERATIONALLY VALID DATA

FINAL RUST RESULT



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TIMELINE ADDITIONS

Effective Date	Information Letter	Event	
		There were no timeline additions.	



LAB VISITS

No L-33-1 lab visits were conducted during this period.

INFORMATION LETTERS

No information letters were issued this period.





STATUS OF REFERENCE OIL SUPPLY

		@ TMC		
Oil	Cans @ Labs	Cans	Gallons	
123-2	6	151	151.8	
155	0	15	15.0	
155-1	10	265	265.0	
Total	16	431	431.8	

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).



