



Test Monitoring Center

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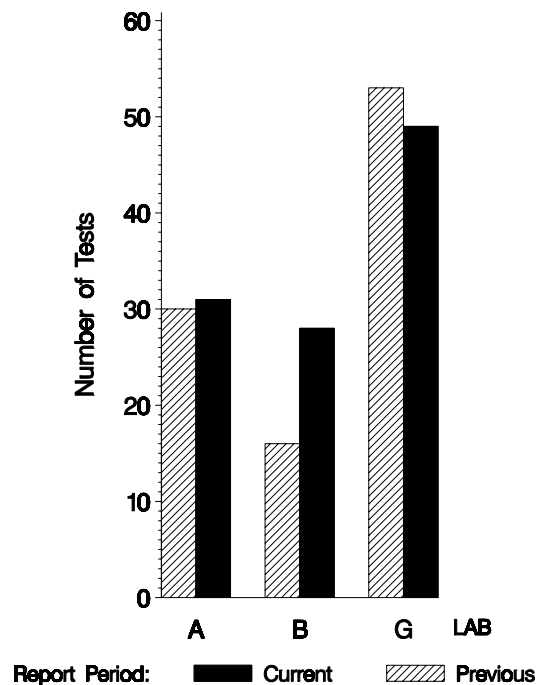
MEMORANDUM: 07-035
DATE: June 5, 2007
TO: Becky Grinfield,
Chairman, Engine Oil Filterability Test Surveillance Panel
FROM: Scott Parke
SUBJECT: EOFT Testing from October 1, 2006 through March 31, 2007

A total of 108 EOFT tests were reported to the Test Monitoring Center during the period from October 1, 2006 through March 31, 2007. Following is a summary of testing activity this period.

	Reporting Data
Number of Labs	3

Tests reported this period were distributed as shown below:

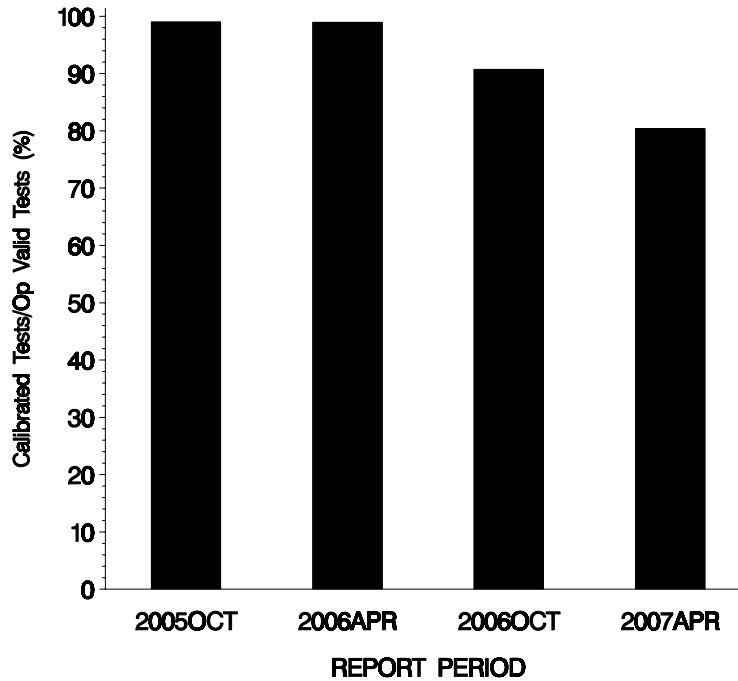
NUMBER OF TESTS REPORTED BY LAB AND REPORT PERIOD



Test Distribution by Oil and Validity

				Totals	
				Last Period	This Period
		78	78-1		
Accepted for Calibration	AC	8	78	88	86
Accepted for Target Generation	AG	0	21	6	21
Rejected Mild	OC	0	0	1	0
Rejected Severe	OC	0	0	2	0
Operationally Invalid (lab)	LC	0	0	1	0
Operationally Invalid (lab/TMC)	RC	0	0	0	0
Aborted Calibration	XC	0	1	1	1
Total		8	100	99	108

**OPERATIONALLY VALID TESTS
MEETING ACCEPTANCE CRITERIA**



The above chart shows the percentage of accepted operationally valid tests. This period shows less than 100% because of the 21 tests that were used to generate data on a new filter paper batch but did not count towards calibration.

CAUSES FOR LOST TESTS

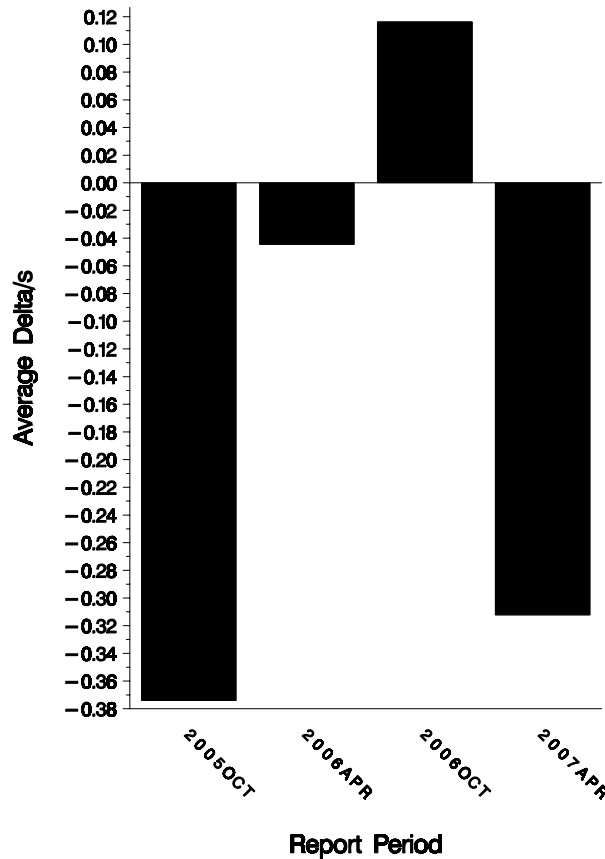
Lab	Cause	Oil		Validity			Loss Rate		
		78	78-1	LC	RC	XC	Lost	Starts	%
A	Severe local weather caused staffing issues that prevented test from ending on time.		●			●	1	31	3%
		0	1	0	0	1			
	Starts	8	100	108	108	108			
	%	0%	1%	0%	0%	1%			

AVERAGE Δ/s:

Average Δ/s by Lab

Lab	n	CIFAYI
A	30	-0.701
B	28	0.321
G	49	-0.435
Industry	107	-0.312

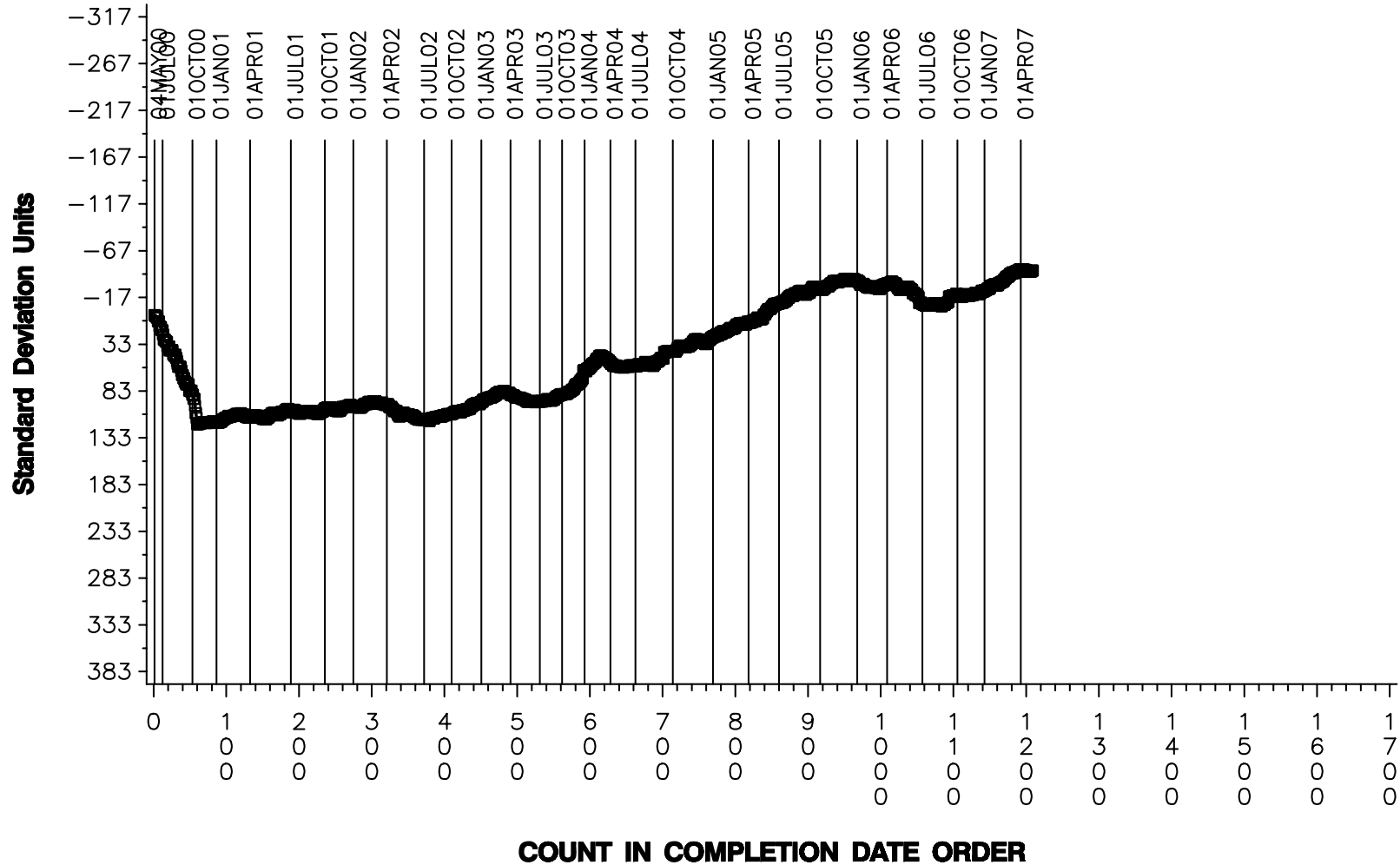
AVERAGE DELTA/S



EOLT INDUSTRY OPERATIONALLY VALID DATA

20 - 25 ML CHANGE IN FLOWRATE AVERAGE (%)

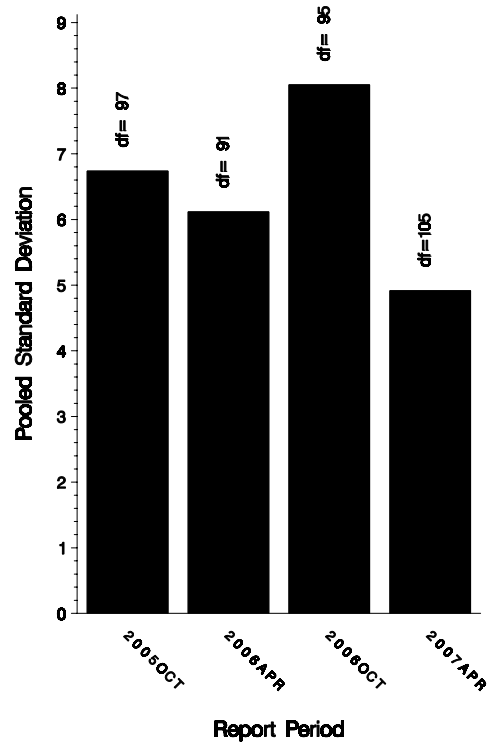
CUSUM Severity Analysis



POOLED S:

Pooled s this period was 4.92. Shown below are bar charts comparing the pooled s values for the EOFT test over the last four report periods. Where degrees of freedom equal zero, no bars are shown. This will occur where only one test was reported or where multiple tests are reported but all are on different oils. Periods showing no information had no tests reported.

POOLED STANDARD DEVIATION



STATUS OF REFERENCE OIL SUPPLY:

At the end of this report period, the testing oil supply stood as outlined in the following table:

Oil	Cans @ Labs	@TMC	
		Cans	Gallons
78	0	0	0.0
78-1	62	2658	204.7
Total	62	2658	204.7

* Future reblends of oils marked with an asterisk are not obtainable by TMC.

Be aware that this table presumes that all of each of these oils is dedicated to the EOFT test area. This is not the case; both oils 78 and 78-1 are also used in the EOWT test.

INFORMATION LETTERS:

No information letters were issued during this report period.

SUMMARY

- Over the course of this report period, CIFA severity as measured by cusum plotting remained approximately on target.
- Precision as measured by pooled standard deviation is comparable to previous periods.

SDP/sdp/astm0407.doc/mem07-035.sdp.doc

c: J. L. Zalar

F. M. Farber

EOFT Surveillance Panel

<ftp://ftp.astmtmc.cmu.edu/docs/bench/eoft/semiannualreports/eoft-04-2007.pdf>

Distribution: email