



Test Monitoring Center

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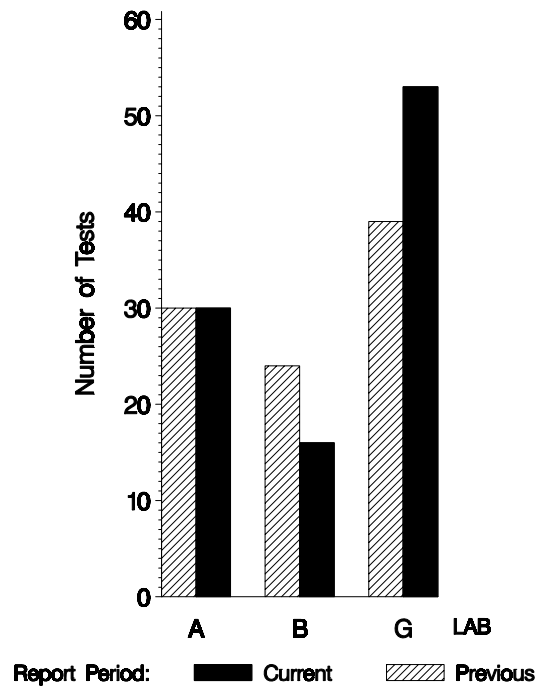
MEMORANDUM: 06-094
DATE: November 28, 2006
TO: Becky Grinfield,
Chairman, Engine Oil Filterability Test Surveillance Panel
FROM: Scott Parke
SUBJECT: EOFT Testing from April 1, 2006 through September 30, 2006

A total of 99 EOFT tests were reported to the Test Monitoring Center during the period from April 1, 2006 through September 30, 2006. Following is a summary of testing activity this period.

	Reporting Data
Number of Labs	3

Tests reported this period were distributed as shown below:

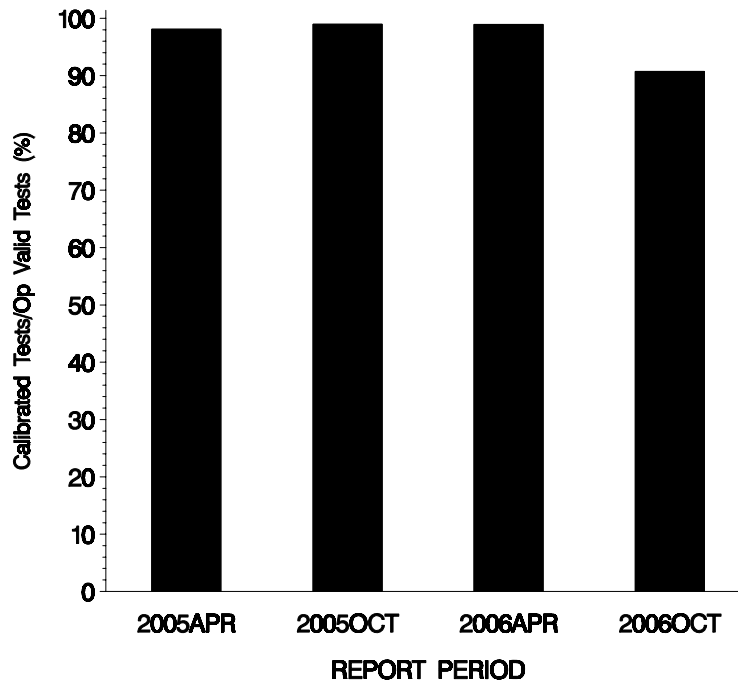
NUMBER OF TESTS REPORTED BY LAB AND REPORT PERIOD



Test Distribution by Oil and Validity

				Totals	
				Last Period	This Period
		78	78-1		
Accepted for Calibration	AC	44	44	91	88
Accepted for Target Generation	AG	0	6	0	6
Rejected Mild	OC	0	1	0	1
Rejected Severe	OC	2	0	1	2
Operationally Invalid (lab)	LC	1	0	1	1
Operationally Invalid (lab/TMC)	RC	0	0	0	0
Aborted Calibration	XC	0	1	0	1
Total		47	52	93	99

**OPERATIONALLY VALID TESTS
MEETING ACCEPTANCE CRITERIA**



The above chart shows the percentage of accepted operationally valid tests. This period three tests failed to meet the acceptance criteria; two were severe; one was mild.

CAUSES FOR LOST TESTS

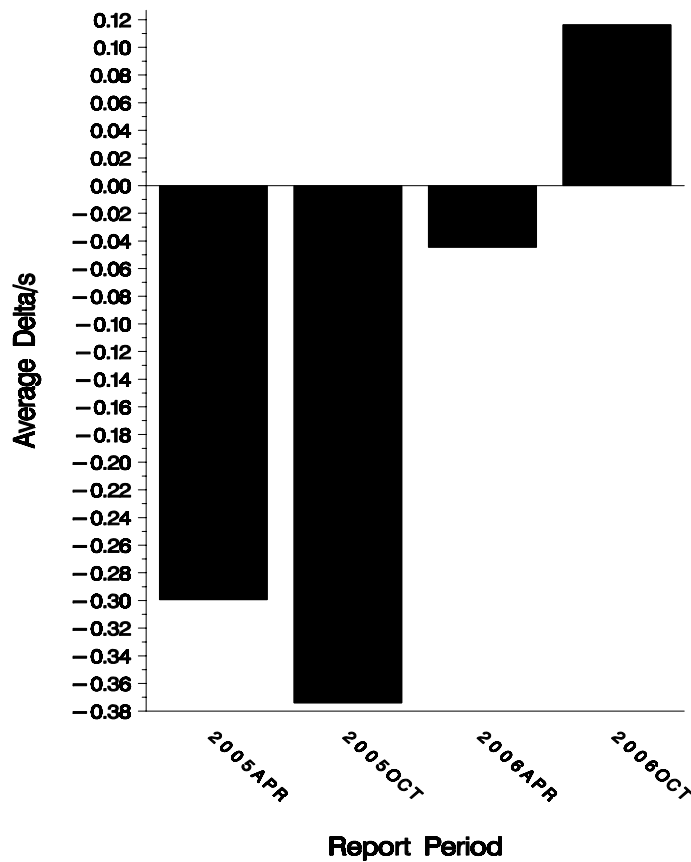
Lab	Cause	Oil		Validity			Loss Rate		
		78	78-1	LC	RC	XC	Lost	Starts	%
B	Sensors failed.	●		●			1	16	6%
G	Wrong sample prepared.		●			●	1	53	2%
		1	1	1	0	1			
	Starts	47	52	99	99	99			
	%	2%	2%	1%	0%	1%			

AVERAGE Δ/s:

Average Δ/s by Lab

Lab	n	CIFAYI
A	30	-0.185
B	15	0.148
G	52	0.281
Industry	97	0.116

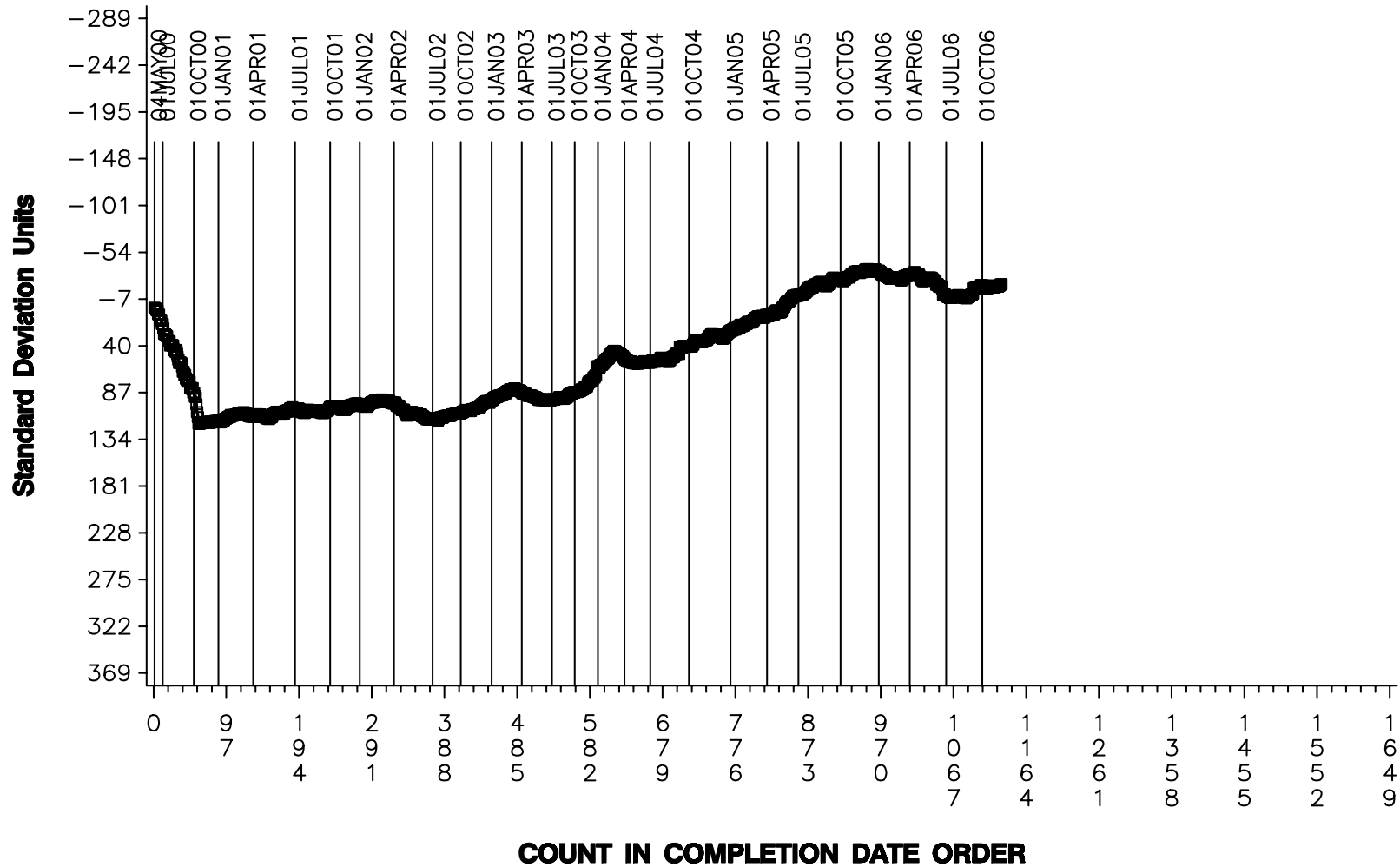
AVERAGE DELTA/S



EOLT INDUSTRY OPERATIONALLY VALID DATA

20 - 25 ML CHANGE IN FLOWRATE AVERAGE (%)

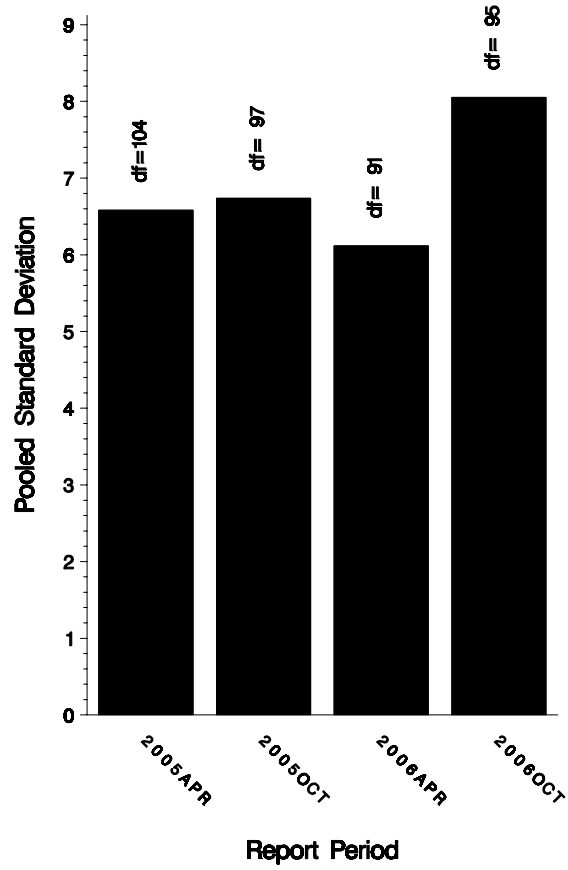
CUSUM Severity Analysis



POOLED S:

Pooled s this period was 8.05. Shown below are bar charts comparing the pooled s values for the EOFT test over the last four report periods.

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	3	0.3
78-1	74	3111	239.6
Total	74	3114	239.9

* 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/astm1006.doc/mem06-094.sdp.doc

c: J. L. Zalar

F. M. Farber

EOFT Surveillance Panel

<ftp://ftp.astmtmc.cmu.edu/docs/bench/eoft/semiannualreports/eoft-10-2006.pdf>

Distribution: email