



Test Monitoring Center

6555 Penn Avenue
Pittsburgh, PA 15206-4489
(412) 365-1000

MEMORANDUM: 06-093

DATE: November 21, 2006

TO: Becky Grinfield,
Chairman, Engine Oil Water Tolerance Surveillance Panel

FROM: Scott Parke

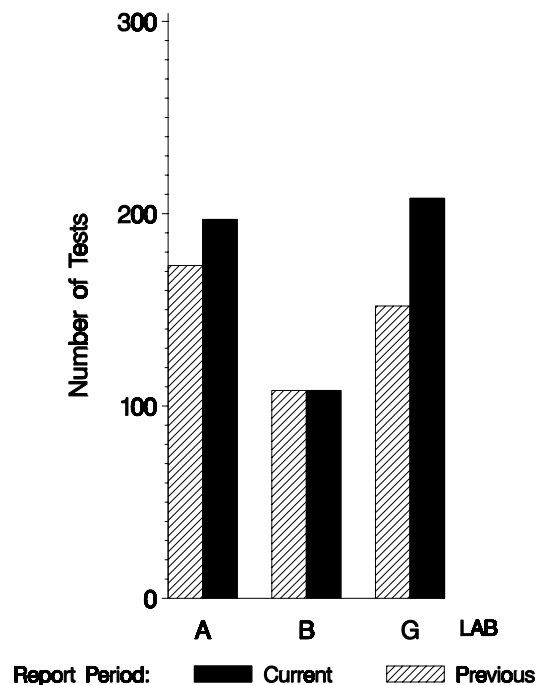
SUBJECT: EOWT Testing from April 1, 2006 through September 30, 2006

A total of 513 EOWT tests were reported to the Test Monitoring Center during the period from April 1, 2006 through September 30, 2006. The data from these tests is shown beginning on page 5. Following is a summary of testing activity this period.

	Reporting Data
Number of Labs	3

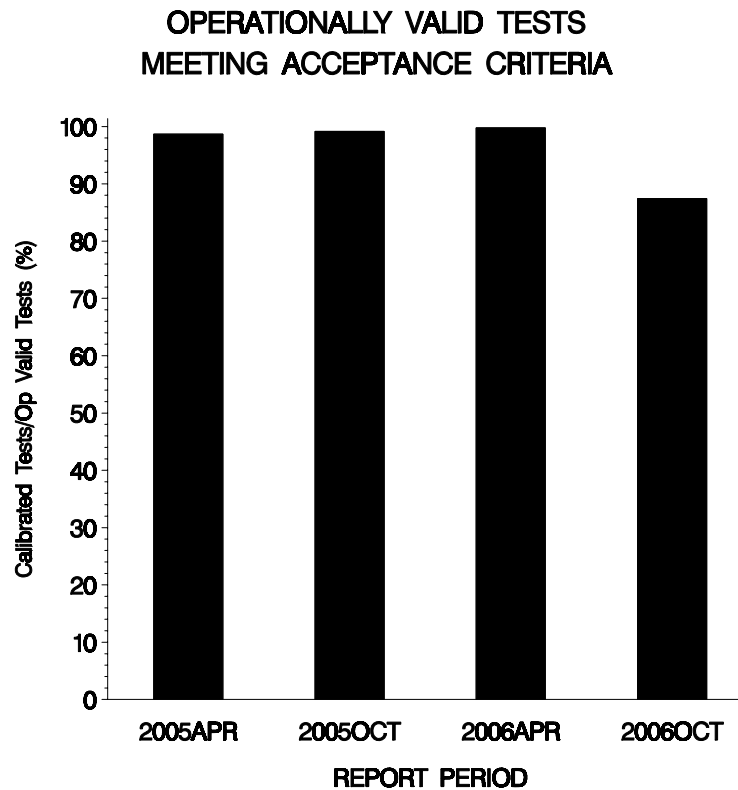
Tests reported this period were distributed as shown below:

NUMBER OF TESTS REPORTED BY LAB AND REPORT PERIOD



Test Distribution by Oil and Validity

					Totals	
		77	78	78-1	Last Period	This Period
Accepted for Calibration	AC	224	60	161	432	445
Accepted for Target Generation	AG	0	0	60	0	60
Rejected Mild	OC	2	1	1	0	4
Rejected Severe	OC	0	0	0	1	0
Operationally Invalid (lab)	LC	0	0	0	0	0
Operationally Invalid (lab/TMC)	RC	0	0	0	0	0
Aborted Calibration	XC	2	0	2	0	4
Total		228	61	224	433	513



The above chart shows the percentage of accepted operationally valid tests. This period four tests failed to meet the acceptance criteria; all were severe.

Causes for Lost Tests

Lab	Cause	Oil			Validity			Loss Rate		
		77	78	78-1	LC	RC	XC	Lost	Starts	%
G	(0.6 Treat) Wrong sample prepared.	●					●	4	208	2%
	(1.0 Treat) Wrong sample prepared.	●					●			
	(2.0 Treat) Wrong sample prepared.			●			●			
	(3.0 Treat) Wrong sample prepared.			●			●			
		2	0	2	0	0	4			
	Starts	228	61	224	513	513	513			
	%	1%	0%	1%	0%	0%	1%			

Average Δ /s by Lab and Treat Level

Treat Level	Lab	n	CFAYI
0.6			
	A	48	-0.470
	B	27	-0.037
	G	51	1.328
	Industry	126	0.351
1.0			
	A	50	0.075
	B	27	0.155
	G	51	1.044
	Industry	128	0.478
2.0			
	A	51	0.173
	B	27	-0.162
	G	51	1.079
	Industry	129	0.461
3.0			
	A	48	0.052
	B	27	0.168
	G	51	0.890
	Industry	126	0.416

DATA FROM ALL OPERATIONALLY VALID TESTS REPORTED THIS PERIOD:**TREAT LEVEL = 0.6**

LTMS DATE	LAB	OIL	CFA	CFAYI
20060404	A	77	-21.22	0.648
20060405	A	78	1.96	-1.446
20060405	A	78-1	26.54	-0.857
20060405	G	77	-14.5	1.831
20060406	B	78	14.09	0.523
20060406	B	78-1	30.46	0.049
20060407	A	78	4.98	-0.956
20060407	A	78-1	29.24	-0.233
20060410	B	78	7.53	-0.542
20060410	B	78-1	32.36	0.487
20060412	A	78	2.4	-1.375
20060412	A	78-1	29.47	-0.180
20060414	A	77	-30.47	-0.981
20060419	A	77	-28.72	-0.673
20060419	A	78-1	27.34	-0.672
20060420	G	78	19.71	1.435
20060420	G	78-1	40.97	2.476
20060424	A	77	-29.01	-0.724
20060424	A	78-1	25.86	-1.014
20060426	B	78	9.49	-0.224
20060426	B	78-1	27.25	-0.693
20060426	G	78-1	31.42	0.270
20060426	G	78	13.61	0.445
20060427	B	78	0.15	-1.740
20060427	A	77	-29.36	-0.785
20060427	A	78-1	26.97	-0.758
20060427	B	78-1	27.62	-0.607
20060427	G	77	-22.96	0.342
20060427	G	78-1	37.53	1.681
20060501	A	77	-30.49	-0.984
20060501	A	78-1	30.49	0.055
20060503	A	77	-26.99	-0.368
20060503	A	78-1	23.91	-1.464
20060503	B	77	-24.18	0.127
20060503	G	77	-13.88	1.940
20060504	G	77	-23.97	0.164
20060508	B	78-1	37.45	1.663
20060510	B	77	-27.65	-0.484
20060511	G	78-1	36.93	1.543
20060512	A	77	-24.77	0.023
20060512	B	77	-28.08	-0.560
20060514	G	78	19.79	1.448

TREAT LEVEL = 0.6

LTMS DATE	LAB	OIL	CFA	CFAYI
20060515	A	77	-29.18	-0.754
20060518	A	77	-27.12	-0.391
20060518	B	77	-27	-0.370
20060522	A	77	-29.11	-0.741
20060523	G	78	27.44	2.690
20060524	G	78-1	34.68	1.023
20060525	A	78-1	27.41	-0.656
20060525	G	78	17.98	1.154
20060526	A	77	-30.74	-1.028
20060526	B	78	11.76	0.144
20060601	G	77	-19.12	1.018
20060607	G	78-1	49.78	4.510
20060608	G	77	-14.54	1.824
20060609	A	78-1	31.83	0.365
20060613	G	78-1	33.9	0.843
20060614	G	77	-16.72	1.440
20060615	B	77	-31.48	-1.158
20060616	A	77	-28.82	-0.690
20060621	G	77	-14.49	1.833
20060622	A	77	-27.31	-0.424
20060622	G	78-1	36.05	1.339
20060626	A	78-1	34.62	1.009
20060628	B	78	16.21	0.867
20060628	G	78-1	35.18	1.139
20060629	A	77	-25.97	-0.188
20060629	G	77	-14.19	1.886
20060705	B	77	-29.71	-0.847
20060705	G	78-1	36.48	1.439
20060707	B	78-1	29.29	-0.222
20060707	A	78-1	27.52	-0.630
20060711	A	77	-28.84	-0.694
20060712	G	77	-16.58	1.465
20060713	G	78-1	36.35	1.409
20060714	A	78-1	30.15	-0.023
20060718	A	78-1	25.45	-1.109
20060719	G	77	-15.37	1.678
20060720	B	78-1	32.62	0.547
20060720	G	77	-16.56	1.468
20060724	A	77	-23.94	0.169
20060726	G	78-1	39.26	1.334
20060727	A	78-1	25.86	-1.111
20060727	G	78-1	39.18	1.319
20060731	A	78-1	28.38	-0.651
20060802	G	77	-19.25	0.995

TREAT LEVEL = 0.6

LTMS DATE	LAB	OIL	CFA	CFAYI
20060803	A	77	-18.65	1.100
20060803	G	77	-14.79	1.780
20060804	B	78	12.53	0.269
20060807	A	78-1	32.43	0.088
20060809	A	77	-23.16	0.306
20060809	G	78-1	41.69	1.777
20060810	G	78-1	41.35	1.715
20060816	G	77	-17.51	1.301
20060817	A	77	-25.46	-0.099
20060817	G	78-1	40.51	1.562
20060818	B	78	13.64	0.450
20060822	B	77	-28.56	-0.644
20060822	G	78-1	39.35	1.350
20060824	A	78-1	29.08	-0.524
20060824	G	77	-25.43	-0.093
20060825	B	78-1	32.45	0.091
20060829	G	77	-16.7	1.444
20060830	G	77	-18.27	1.167
20060831	A	78-1	27.16	-0.874
20060831	B	78-1	32.3	0.064
20060831	G	78-1	38.02	1.108
20060905	G	78-1	42.04	1.841
20060907	A	77	-25.19	-0.051
20060907	G	77	-35.95	-1.945
20060908	A	78-1	31.29	-0.120
20060911	A	77	-25.89	-0.174
20060912	G	77	-22.51	0.421
20060913	G	77	-19.44	0.961
20060914	B	77	-21.7	0.563
20060914	G	78-1	39.82	1.436
20060915	A	78-1	27	-0.903
20060919	G	77	-14	1.919
20060920	G	78-1	41.06	1.662
20060921	B	77	-18.96	1.046
20060921	G	77	-23.71	0.210
20060922	A	77	-28.28	-0.595
20060924	G	77	-19.46	0.958
20060927	G	77	-14.84	1.771
20060928	A	77	-27.23	-0.410
20060928	B	78-1	33.07	0.204

TREAT LEVEL = 1.0

LTMS DATE	LAB	OIL	CFA	CFAYI
20060404	A	77	-17.81	0.024
20060405	A	78	1.76	-0.940
20060405	A	78-1	23.93	-0.099
20060405	G	77	-9.72	1.508
20060406	B	78	5.54	-0.325
20060406	B	78-1	5.54	-2.712
20060407	A	78	5.16	-0.387
20060407	A	78-1	28.45	0.543
20060410	B	78	4.99	-0.415
20060410	B	78-1	22.56	-0.294
20060412	A	78	2.55	-0.811
20060412	A	78-1	27.54	0.413
20060414	A	77	-19.75	-0.332
20060419	A	77	-17.65	0.053
20060419	A	78-1	25.09	0.065
20060420	G	78	8.09	0.089
20060420	G	78-1	30.96	0.899
20060424	A	77	-18.19	-0.046
20060424	A	78-1	23.16	-0.209
20060426	B	78	10.24	0.439
20060426	B	78-1	25.61	0.139
20060426	G	78-1	19.62	-0.712
20060426	G	78	9.56	0.328
20060427	B	78-1	23.6	-0.146
20060427	B	78	11.31	0.613
20060427	A	77	-18.13	-0.035
20060427	A	78-1	28.84	0.598
20060427	G	77	-17.6	0.062
20060427	G	78-1	35.35	1.523
20060501	A	77	0.16	3.321
20060501	A	78-1	-34.91	-8.457
20060503	A	77	-15.26	0.492
20060503	A	78-1	28.72	0.581
20060503	B	77	-23.27	-0.978
20060503	G	77	-9.5	1.549
20060504	G	77	-15.62	0.426
20060505	A	77	-15.79	0.395
20060508	B	78-1	31.59	0.989
20060510	B	77	-16.51	0.262
20060511	G	78-1	34.74	1.436
20060512	A	77	-15.45	0.457
20060512	B	77	-15.8	0.393
20060514	G	78	18.78	1.828
20060515	A	77	-15.88	0.378

TREAT LEVEL = 1.0

LTMS DATE	LAB	OIL	CFA	CFAYI
20060518	A	78-1	28.45	0.543
20060518	B	77	-15.94	0.367
20060522	A	77	-15.48	0.451
20060522	A	78-1	32.93	1.179
20060523	G	77	-14.34	0.661
20060524	G	78-1	38.18	1.925
20060525	A	78-1	30.54	0.839
20060525	G	78	17.94	1.691
20060526	A	77	-17.23	0.130
20060526	B	78	11.46	0.637
20060601	G	78-1	34.13	1.349
20060607	G	78-1	37.35	1.807
20060608	G	77	-10.15	1.429
20060609	A	78-1	32.2	1.075
20060613	G	78-1	35.49	1.543
20060614	G	77	-8.83	1.672
20060615	B	77	-17.34	0.110
20060616	A	77	-13.96	0.730
20060621	G	77	-8.9	1.659
20060622	A	77	-16.7	0.228
20060622	G	78-1	35.01	1.474
20060626	A	78-1	31.9	1.033
20060628	B	78	10.87	0.541
20060628	G	78-1	36.37	1.668
20060629	A	77	-14.29	0.670
20060629	G	77	-12.39	1.018
20060705	B	77	-14.33	0.662
20060705	G	78-1	34.15	1.352
20060707	B	78-1	29.38	0.675
20060707	A	78-1	25.34	0.101
20060711	A	77	-22	-0.745
20060712	G	77	-8.57	1.719
20060713	G	78-1	36.46	1.680
20060714	A	78-1	30.64	0.854
20060718	A	78-1	25.38	0.107
20060719	G	78-1	36	1.615
20060720	B	78-1	28.8	0.592
20060720	G	77	-8.74	1.688
20060724	A	77	-12.64	0.972
20060726	G	78-1	33.65	0.632
20060727	A	78-1	23.79	-0.892
20060727	G	78-1	33.55	0.617
20060731	A	78-1	31.84	0.352
20060802	G	77	-11.97	1.095

TREAT LEVEL = 1.0

LTMS DATE	LAB	OIL	CFA	CFAYI
20060803	A	77	-12.53	0.993
20060803	G	77	-9.27	1.591
20060804	B	78	13.73	1.007
20060807	A	78-1	30.07	0.079
20060809	A	77	-12.69	0.963
20060809	G	78-1	36.37	1.053
20060810	G	78-1	32.48	0.451
20060816	G	77	-14.19	0.688
20060817	A	77	-16.59	0.248
20060817	G	78-1	37.42	1.215
20060818	B	78	8.99	0.236
20060822	B	77	-14.01	0.721
20060822	G	78-1	37.29	1.195
20060824	A	78-1	25.89	-0.567
20060824	G	77	-12.03	1.084
20060825	B	78-1	25.77	-0.586
20060829	G	78-1	36.29	1.040
20060830	G	77	-14.74	0.587
20060831	A	78-1	22.78	-1.048
20060831	B	78-1	29.47	-0.014
20060831	G	78-1	32.35	0.431
20060905	G	78-1	32.95	0.524
20060907	A	77	-20.34	-0.440
20060907	G	77	-19.49	-0.284
20060908	A	78-1	22.75	-1.053
20060911	A	77	-13.37	0.839
20060912	G	77	-15.11	0.519
20060913	G	77	-11.14	1.248
20060914	B	77	-15.45	0.457
20060914	G	78-1	36.18	1.023
20060915	A	77	-15.21	0.501
20060919	G	78-1	32.39	0.437
20060920	G	78-1	39.91	1.600
20060921	B	77	-14.17	0.692
20060921	G	78-1	32.16	0.402
20060922	A	78-1	23.26	-0.974
20060924	G	78-1	33.65	0.632
20060927	G	77	-14.89	0.560
20060928	A	77	-14.85	0.567
20060928	B	78-1	30.28	0.111

TREAT LEVEL = 2.0

LTMS DATE	LAB	OIL	CFA	CFAYI
20060404	A	77	-17.48	0.057
20060405	A	78	2.47	-0.507
20060405	A	78-1	23.7	-0.249
20060405	G	77	-6.05	1.405
20060406	B	78	3.75	-0.266
20060406	B	78-1	20.8	-0.857
20060407	A	78	0.01	-0.968
20060407	A	78-1	23.99	-0.189
20060410	B	78	3.23	-0.364
20060410	B	78-1	19.85	-1.057
20060412	A	78	-0.64	-1.090
20060412	A	78-1	26	0.233
20060414	A	77	-19.53	-0.185
20060419	A	77	-16.54	0.168
20060419	A	78-1	27.61	0.570
20060420	G	78	14.29	1.711
20060420	G	78-1	34.71	2.059
20060424	A	77	-18.68	-0.085
20060424	A	78-1	28.36	0.727
20060426	B	78	2.84	-0.437
20060426	B	78-1	20.53	-0.914
20060426	G	78-1	18.2	-1.403
20060426	G	78	4.28	-0.167
20060427	B	78-1	19.9	-1.046
20060427	B	78	2.25	-0.548
20060427	A	77	-16.73	0.145
20060427	A	78-1	27.9	0.631
20060427	G	77	-24.62	-0.786
20060427	G	78-1	30.88	1.256
20060501	A	77	0.22	2.145
20060501	A	78-1	26.02	0.237
20060503	A	77	-11.95	0.709
20060503	A	78-1	27.45	0.537
20060503	B	77	-22.65	-0.553
20060503	G	77	-3.91	1.657
20060504	G	77	-14.16	0.448
20060505	A	77	-18.93	-0.114
20060508	B	78-1	19.37	-1.157
20060510	B	77	-16.32	0.193
20060511	G	78-1	32.71	1.639
20060512	A	77	-20.38	-0.285
20060512	B	77	-14.78	0.375
20060514	G	78	13.87	1.632
20060515	A	77	-17.31	0.077

TREAT LEVEL = 2.0

LTMS DATE	LAB	OIL	CFA	CFAYI
20060518	A	77	-15.79	0.256
20060518	B	77	-17.59	0.044
20060522	A	77	-17.26	0.083
20060522	A	77	-19.18	-0.144
20060522	A	77	-13.93	0.475
20060523	G	77	-12.25	0.674
20060524	G	78-1	34.19	1.950
20060525	A	78-1	22.83	-0.432
20060525	G	78	14.45	1.741
20060526	A	77	-16.83	0.133
20060526	B	78	7.97	0.525
20060601	G	78-1	31.95	1.480
20060607	G	78-1	29.09	0.881
20060608	G	77	-8.11	1.162
20060609	A	78-1	31.39	1.363
20060613	G	78-1	32.5	1.595
20060614	G	77	-6.06	1.404
20060615	B	77	-12.95	0.591
20060616	A	77	-14.12	0.453
20060621	G	77	-9.43	1.006
20060622	A	77	-15.19	0.327
20060622	G	78-1	32.51	1.597
20060626	A	78-1	23.67	-0.256
20060628	B	78	6.73	0.293
20060628	G	78-1	33.51	1.807
20060629	A	77	-15.23	0.322
20060629	G	77	-8.32	1.137
20060705	B	77	-14.61	0.395
20060705	G	78-1	25.7	0.170
20060707	B	78-1	23.33	-0.327
20060707	A	78-1	24.19	-0.147
20060711	A	77	-16.33	0.192
20060712	G	77	-3.74	1.677
20060713	G	78-1	31.62	1.411
20060714	A	78-1	23.71	-0.247
20060718	A	78-1	29.7	1.008
20060719	G	77	-2.27	1.851
20060720	B	78-1	23.61	-0.268
20060720	G	77	-2.15	1.865
20060724	A	77	-11.67	0.742
20060726	G	78-1	35.72	1.822
20060727	A	78-1	23.89	-0.597
20060727	G	78-1	34.68	1.609
20060731	A	78-1	25.69	-0.229

TREAT LEVEL = 2.0

LTMS DATE	LAB	OIL	CFA	CFAYI
20060802	G	77	-13.02	0.583
20060803	A	77	-9.89	0.952
20060803	G	77	-4.88	1.543
20060804	B	78	8.21	0.570
20060807	A	78-1	30.99	0.855
20060809	A	77	-12	0.703
20060809	G	78-1	35.1	1.695
20060810	G	78-1	28.86	0.419
20060816	G	77	-2.47	1.827
20060817	A	77	-12.5	0.644
20060817	G	78-1	34.57	1.587
20060818	B	78	7.55	0.447
20060822	B	77	-14.79	0.374
20060822	G	78-1	34.81	1.636
20060824	A	78-1	27.28	0.096
20060824	G	77	-6.49	1.353
20060825	B	78-1	25.13	-0.344
20060829	G	77	-5.56	1.463
20060830	G	77	-7.68	1.213
20060831	A	78-1	28.66	0.378
20060831	B	78-1	25.2	-0.329
20060831	G	78-1	30.22	0.697
20060905	G	78-1	26.54	-0.055
20060907	A	77	-13.92	0.477
20060907	G	77	-17.18	0.092
20060908	A	78-1	19.51	-1.493
20060911	A	77	-9.55	0.992
20060912	G	77	-15.33	0.310
20060913	G	77	-7.62	1.220
20060914	B	77	-15.84	0.250
20060914	G	78-1	30.4	0.734
20060915	A	78-1	25.91	-0.184
20060919	G	78-1	29.83	0.618
20060920	G	78-1	28.65	0.376
20060921	B	77	-13.73	0.499
20060921	G	77	-10.62	0.866
20060922	A	77	-15.48	0.293
20060924	G	78-1	24.92	-0.387
20060927	G	77	-10.14	0.923
20060928	A	78-1	23.21	-0.736
20060928	B	78-1	24.54	-0.464

TREAT LEVEL = 3.0

LTMS DATE	LAB	OIL	CFA	CFAYI
20060404	A	77	-17.93	0.044
20060405	A	78	-4.83	-0.949
20060405	A	78-1	19.85	-0.594
20060405	G	77	-12.24	0.877
20060406	B	78	0.99	0.339
20060406	B	78-1	17.24	-1.091
20060407	A	78	-1.74	-0.265
20060407	A	78-1	23.08	0.021
20060410	B	78	0.47	0.223
20060410	B	78-1	21	-0.375
20060412	A	78	-1.34	-0.177
20060412	A	78-1	21.78	-0.227
20060414	A	77	-18.26	-0.004
20060419	A	77	-15.5	0.400
20060419	A	78-1	26.89	0.747
20060420	G	78	7.32	1.739
20060420	G	78-1	32.65	1.844
20060424	A	77	-19.72	-0.218
20060424	A	78-1	25.83	0.545
20060426	B	78	0	0.119
20060426	B	78-1	15.7	-1.385
20060426	G	78-1	21.56	-0.269
20060426	G	78	6.75	1.613
20060427	B	78-1	21.77	-0.229
20060427	B	78	0.85	0.308
20060427	A	77	-16.78	0.212
20060427	A	78-1	16.01	-1.326
20060427	G	77	-29.71	-1.681
20060427	G	78-1	31.7	1.663
20060501	A	77	-15.34	0.423
20060501	A	78-1	26.55	0.682
20060503	A	77	-15.88	0.344
20060503	A	78-1	24.97	0.381
20060503	B	77	-16.3	0.283
20060503	G	77	-15.08	0.461
20060504	G	77	-16.29	0.284
20060508	B	78-1	20.31	-0.507
20060510	B	77	-16.14	0.306
20060511	G	78-1	31.04	1.537
20060512	A	77	-19.81	-0.231
20060512	B	77	-16.71	0.223
20060514	G	78	6.52	1.562
20060515	A	77	-14.92	0.485
20060518	A	78-1	25.91	0.560

TREAT LEVEL = 3.0

LTMS DATE	LAB	OIL	CFA	CFAYI
20060518	B	77	-15.44	0.408
20060522	A	78-1	25.9	0.558
20060523	G	77	-15.31	0.428
20060524	G	78-1	33.22	1.952
20060525	A	78-1	26.21	0.617
20060525	G	78	6.85	1.635
20060526	A	77	-18.15	0.012
20060526	B	78	5.57	1.352
20060601	G	77	-10.97	1.063
20060607	G	78-1	29.2	1.187
20060608	G	77	-9.22	1.319
20060609	A	78-1	26.19	0.613
20060613	G	78-1	30.93	1.516
20060614	G	77	-8.21	1.467
20060615	B	77	-16.19	0.299
20060616	A	77	-16.34	0.277
20060621	G	77	-8.84	1.375
20060622	A	77	-15.91	0.340
20060622	G	78-1	29.52	1.248
20060626	A	78-1	24.63	0.316
20060628	B	78	6.76	1.615
20060628	G	78-1	32.58	1.830
20060629	A	77	-17.58	0.095
20060629	G	77	-12.1	0.898
20060705	B	77	-15.1	0.458
20060705	G	78-1	26.22	0.619
20060707	B	78-1	23.54	0.109
20060707	A	78-1	18.48	-0.855
20060711	A	77	-17.08	0.168
20060712	G	77	-6.98	1.647
20060713	G	78-1	25.55	0.491
20060714	A	77	-15.54	0.394
20060718	A	77	-16.47	0.258
20060719	G	77	-6.02	1.788
20060720	B	78-1	18.57	-0.838
20060720	G	77	-5.72	1.832
20060724	A	77	-11.77	0.946
20060726	G	78-1	29.66	0.943
20060727	A	78-1	20.7	-0.882
20060727	G	77	-6.32	1.744
20060731	A	78-1	25.62	0.120
20060802	G	77	-13.83	0.644
20060803	A	77	-16.25	0.290
20060803	G	77	-11.62	0.968

TREAT LEVEL = 3.0

LTMS DATE	LAB	OIL	CFA	CFAYI
20060804	B	78	6.23	1.498
20060807	A	78-1	22.63	-0.489
20060809	A	77	-12.26	0.874
20060809	G	78-1	32.35	1.491
20060810	G	78-1	31.71	1.360
20060816	G	78-1	33.31	1.686
20060817	A	77	-14.23	0.586
20060817	G	78-1	25.93	0.183
20060818	B	78	6.58	1.575
20060822	B	77	-14.85	0.495
20060822	G	78-1	33.67	1.760
20060824	A	78-1	23.16	-0.381
20060824	G	77	-14.14	0.599
20060825	B	78-1	22.52	-0.511
20060829	G	78-1	27.94	0.593
20060830	G	77	-14.56	0.537
20060831	A	78-1	24.96	-0.014
20060831	B	78-1	22.89	-0.436
20060831	G	78-1	27.72	0.548
20060905	G	78-1	23.07	-0.399
20060907	A	77	-15.66	0.376
20060907	G	77	-19.4	-0.171
20060908	A	78-1	17.5	-1.534
20060911	A	77	-16.04	0.321
20060912	G	77	-17.18	0.154
20060913	G	77	-11.37	1.004
20060914	B	77	-14.16	0.596
20060914	G	78-1	15.68	-1.904
20060915	A	77	-12.81	0.794
20060919	G	77	-12.97	0.770
20060920	G	78-1	21.7	-0.678
20060921	B	77	-14.89	0.489
20060921	G	77	-13.57	0.682
20060922	A	78-1	18.06	-1.420
20060924	G	77	-15.55	0.392
20060927	G	77	-14.25	0.583
20060928	A	78-1	21.46	-0.727
20060928	B	78-1	21.18	-0.784

EOWT INDUSTRY OPERATIONALLY VALID DATA

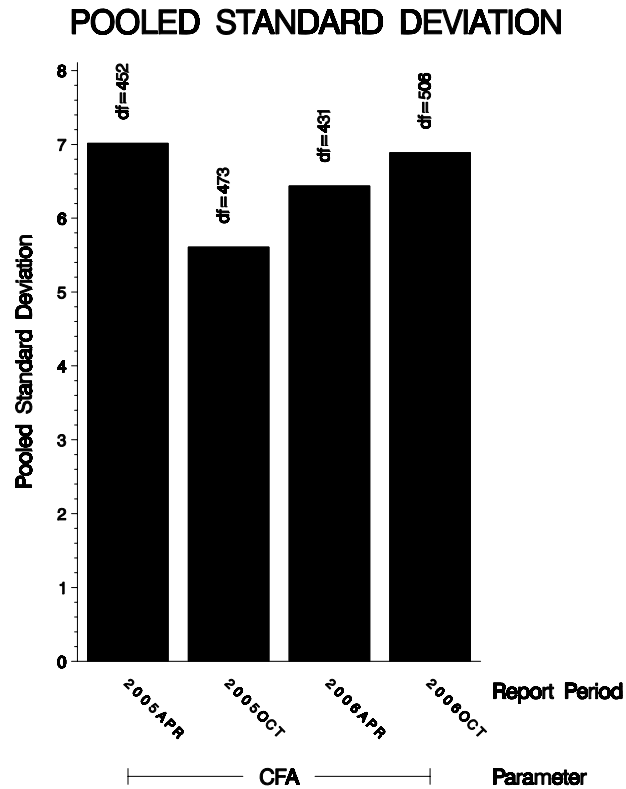
TEST RUN 20 – 25 ML CHANGE IN FLOWRATE AVERAGE

CUSUM Severity Analysis



POOLED S:

Pooled s this period was 6.89. Shown below are bar charts comparing the pooled s values for the EOWT test parameters 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.



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
77	71	626	48.3
78	0	3	0.3
78-1	74	3111	239.6
Total	145	3740	288.2

* 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 EOWT test area. This is not the case; oils 78 and 78-1 are also used in the EOFT test.

INFORMATION LETTERS:

No information letters were issued during this report period.

SUMMARY

- Over the course of this report period, CFA severity as measured by cusum plotting continued to trend slightly severe.
- Precision as measured by pooled standard deviation is comparable to previous periods.

SDP/sdp/astm1006.doc/mem06-093.sdp.doc

c: J. L. Zalar

F. M. Farber

EOWT Surveillance Panel

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

Distribution: email