



Test Monitoring Center

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MEMORANDUM: 02-099
DATE: November 8, 2002
TO: John Shipinski, Chairman, ASTM Test Monitoring Board
FROM: John L. Zalar
SUBJECT: ASTM TMC Semiannual Report

ADMINISTRATIVE/FINANCIAL

The ASTM Board of Directors approved the 2003 Test Monitoring Center budget and three-year financial plan on October 23, 2002. Details of the budget and three-year plan will be included in the Administrative Guidance Committee Report. There have been no changes in TMC personnel during the past six months and staffing remains at 17 full-time employees. The current TMC organizational chart is shown in Attachment A.

INFORMATION LETTERS

The following 12 information letters have been issued by the TMC since my last report.

<u>Information Letter</u>	<u>Date Issued</u>
Sequence IVA No. 02-3	05/30/02
Sequence VG No. 02-4	07/08/02
Sequence VIII No. 02-1	05/20/02
L-33 No. 02-2	05/30/02
L-33 No. 02-3	06/12/02
L-33 No. 02-4	06/26/02
L-60-1 No. 02-1	06/25/02
L-60-1 No. 02-2	08/23/02
HTCT No. 02-1	09/27/02
T-8 No. 02-1	09/27/02
T-9 No. 02-1	09/27/02
T-10 No. 02-2	09/27/02

All of these letters are on the regular Fall Subcommittee B information letter ballot. There were no pre-balloted information letters during the past six months.

REFERENCE OILS RECEIVED

The following reference oils were received and processed by the TMC during the period from May 1, 2002 to October 31, 2002.

<u>Test Type</u>	<u>Oil Code</u>	<u>Quantity (gallons)</u>
Sequence VIB	BC-5	1650
Sequence VIB	BCFHD-5	1045
H&M	HMA	220
H&M	HMB	220
H&M	HMF	220

During this same time period, the TMC made 238 shipments of reference oils containing a total of 1,661 individual oil samples.

SEQUENCE VIB CALIBRATION OIL RE-BLEND

Re-blends of the two Sequence VIB calibration oils, BC-5 and BCFHD-5, were completed in April. All orders were shipped to the test labs directly from the blend site. A total of 16 engine test verification runs of BC-5 versus BC-2 were completed at three laboratories. One laboratory observed a much larger difference between the blends than the other two labs. The TMC requested oil samples from each lab and verified that the one laboratory had inadvertently used oil other than BC-5 in its verification runs. The lab repeated its verification runs using BC-5 and obtained results much more in line with the other two labs. The Sequence VIB Surveillance Panel will consider the verification data and approval of BC-5 and BCFHD-5 at its next meeting.

TMC TO DISTRIBUTE HOMOGENEITY AND MISCIBILITY REFERENCE OILS

The TMC will store and distribute six reference oils for the Homogeneity and Miscibility (H&M) test. In late October, the TMC began receiving four-drum supplies of these oils. The oils will be subjected to the TMC Quality Assurance process (all drums sampled). Each oil will be mixed to ensure homogeneity of the batch, with physical and chemical properties for pre-mix and post-mix confirmed against supplier data. The H&M oils will receive the usual TMC Quality Control analyses once per year.

The oils will be coded HMA thru HMF and will be distributed in sets of six one-quart containers (one quart of each reference oil per set). The price will be \$25 per quart, or \$150 per set of six, and includes prepaid shipping. At this time, the TMC has not been asked to provide any services other than reference oil distribution.

REFERENCE OIL BOOKLET

An updated version of the booklet entitled *ASTM Reference Oils* is now available on the TMC web site at ftp://astmtmc.cmu.edu/docs/ASTM_Reference_Oils_2002.pdf.

CALIBRATION TEST REPORTING

During the period from May 1, 2002 to October 31, 2002, 1567 calibration tests were reported to the TMC. Also, during this same period, 95% of all tests reported to the TMC were transmitted electronically.

JLZ/jlz/memo02-099.jlz.doc

Attachment

c: ASTM Test Monitoring Board

ftp://astmtmc.cmu.edu/docs/test_monitoring_board/TMC-12-2002.pdf

Attachment A

