

## ASTM TEST MONITORING BOARD MEETING

June 18, 2001

Harbor Island I – Sheraton San Diego Hotel & Marina  
San Diego, California

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### **CALL TO ORDER**

ASTM D02.B0.08, the Test Monitoring Board, met on Monday, June 18, 2001 at 5:00 p.m. in Harbor Island I of the Sheraton San Diego Hotel & Marina in San Diego, California. There were six voting members, five non-voting members and eleven visitors present. The attendance roster is shown in Attachment A. Minutes from the December 4, 2000 meeting were approved.

### **MEMBERSHIP**

Tom Boschert has resigned his position on the Board. A special election will be held to replace Tom for the remainder of his term, which expires December 31, 2002. Five other members (Dave Stehouwer, Gordon Farnsworth, Lew Williams, Bruce McGlone, Greg Shank) are eligible for re-election to two-year terms beginning January 1, 2002. These two elections will be conducted in the fall with a single ballot.

### **ADMINISTRATIVE GUIDANCE COMMITTEE**

Walter Groff presented the AGC report (see Attachment B). Walter reported that the final accounting for FY 2000 showed a net gain of \$402,187. The introduction of GF-3 testing was the primary contributor to this very favorable net gain. The revenue forecast for 2001 appears to be on target.

The TMC received a contract renewal proposal from Carnegie Mellon University (CMU). This five-year agreement has the same terms as the current contract. Due to a reorganization within CMU, the contract no longer references Carnegie Mellon Research Institute. It was agreed that a copy of the draft contract would be shared with the TMB voting members.

The TMC staff headcount remains at 17 following the retirement of Grace Berriker in January 2001. An earlier plan to add a chemist to the TMC staff has been put on hold due to continued readjustments in the industry.

Walter noted that there is no industry leader or support for a CRC light-duty rating workshop this year. The TMB voiced their support for the TMC to organize an ASTM light-duty industry workshop in the September/October time frame to fulfill this need. The workshop will have all the functions of a CRC workshop except for rater training.

## **TECHNICAL GUIDANCE COMMITTEE**

Gordon Farnsworth presented the TGC report (see Attachment C). The TGC met on April 18, 2001 and approved several recommendations to the TMB.

The TGC developed a consistent statement regarding consensus ratings.

The TGC recommended that a GF-3 category reference oil be selected and introduced in all GF-3 sequence tests.

The TGC recommended that all reference oil test data, valid or invalid, be posted on the TMC web site in a file format that is easily downloaded as an Excel file.

Regarding the API request for ASTM input on what precision to use for calculating aftermarket audit conformance, the TGC recommended that Subcommittee D02.B respond to API as follows:

“The LTMS Severity Adjustment standard deviation for the specific test type be used and that AMAP testing should only be scheduled during periods when the specific test is in control, as defined by the industry and laboratory LTMS precision charts.”

Zack Bishop, chairman of the Rater Calibration Task Force, presented a TGC approved rater calibration procedure establishing minimum training and workshop participation requirements for Category I raters (see Attachment D). The TMC will maintain all rater calibration records.

The TMB unanimously approved all of the above recommendations from the TGC.

## **DATA COMMUNICATIONS COMMITTEE**

Frank Farber filed a written DCC report (see Attachment E). The DCC is continuing its work to identify a replacement for the X.400 test transmission protocol. The DCC formed a task force to address the industry need to provide report forms and data dictionaries for handling extended length tests and non-standard data.

## **TEST MONITORING CENTER**

The TMC report is shown in Attachment F. John Zalar reported that a recently announced reorganization within Carnegie Mellon University would have little impact on the TMC. The only change will be the TMC reporting path within CMU.

John presented a chart showing rather sharp increases in both the number of oil samples shipped by the TMC and the number of reference oil tests reported. These increases are primarily associated with new bench tests (EOFT, EOWT, BRT).

Several major reference oil blends will occur during the next six months, including a 5W-20 oil for the Sequence VIB, a re-blend of oil 1008, two PC-9 oils, and a GF-3 category oil. The TMC is also coordinating another blend of Sequence VIB baseline calibration and flush oils.

John announced plans for the TMC to migrate to electronic distribution, via the TMC web site, of semiannual reports, meeting minutes, and other TMC documents.

## **BALLOTS**

John Zalar reported that four Subcommittee B ballots conducted during the last six months were all successful with no disapprove votes and a couple of addressable comments. Ballot summaries are shown in Attachment G.

## **OLD BUSINESS**

There was no old business.

## **NEW BUSINESS**

Bill Nahumck described an action taken by the Sequence IIF Surveillance Panel to issue an information letter implementing an industry correction factor for ACLW. The correction factor was to be applied retroactively for any tests run on the newest batch of camshafts (MB). Subsequently, it was pointed out that the guidelines developed by the Information Letter Task Force in 1993 prohibited the use of retroactivity in information letters. After some discussion, the TMB took no action regarding the information letter guidelines.

John Shipinski reviewed a presentation that he planned to make to Subcommittee B on June 20, 2001 regarding the role of the TMC in any future process for certifying engine oils (see Attachment H).

## **NEXT MEETING**

The next meeting is scheduled for December 3, 2001 in Miami, Florida.

## **ADJOURNMENT**

The meeting was adjourned at 6:45 p.m.

Respectfully submitted,

**John L. Zalar**

John L. Zalar, Secretary  
ASTM Test Monitoring Board

JLZ/jlz

Attachments

# ASTM TEST MONITORING BOARD MEETING

June 18, 2001

Harbor Island I – Sheraton San Diego Hotel & Marina  
San Diego, CA

## Voting Members

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# **ADMINISTRATIVE GUIDANCE COMMITTEE**

Report to the

## **TEST MONITORING BOARD**

June 18, 2001

The Administrative Guidance Committee (AGC) has not formally met since the December 2000 ASTM meeting. The AGC continues to address issues via telcon and e-mail. The AGC has reviewed this report to the TMB, provided guidance, and is currently in agreement with the content.

### **Current Membership of the AGC**

Walter Groff	Southwest Research Institute	(Chairman)
Tom Boschert	Ethyl Corporation	
John Glaser	Perkin/Elmer Automotive Research	
Ken Pearson	ASTM	
Cliff Venier	Penzoil	
Lew Williams	Lubrizol	
John Zalar	TMC	

Mr. Gerry Keller of AutoResearch Laboratories Inc., due to a change in the status of ALI, has resigned his position as a member of the AGC. The AGC would like to formally recognize Gerry's long tenure and invaluable contributions to the AGC.

### **Review of the Responsibilities of the AGC**

To Advise the Administrator in the area of general business policies

To advise the Administrator on finalizing the annual budget and manpower request and contract recommendations

To prepare an annual evaluation and salary adjustment recommendation of the Administrator for presentation to the Board.

### **TMC Financial Performance Data Update**

The TMC accounting period for Fiscal 2000 ended in January, 2001. The final accounting for Fiscal 2000 showed a net gain of \$402,187 for the year against a forecasted \$295,000. The introduction of GF-3 testing and especially the VIB was the primary contributor for the increase in fiscal performance.



Fiscal 2001 started in February with a forecasted net income for the year of \$125,000. Current income through April of 2001 is \$210,392. GF-3 testing has peaked and a change in the VIB referencing frequency will result in lower income the rest of the year. The AGC continues to feel that the projections for 2001 are reasonable as PC-9 remains a bit unsettled.

### **Current Contract with Carnegie Mellon**

The current contract with Carnegie Mellon runs through January 31, 2002. CMU is currently going through an internal reorganization. A preliminary meeting was held between CMU and the TMC on April 19, 2001. In attendance was Dr. Christine Gabriel, Vice Provost for Corporate Partnerships and Technology Development, Mr. Walter DeForest, legal counsel for CMU, Dr. Ted Wilke, President of CMRI, John Zalar and myself. CMU insured the TMC that the organizational changes will be transparent to the TMC and that the only difference will be in reporting. CMU stated many times the value the TMC brings to the University. However, and due to the time pressures of the reorganization, the TMC has not yet received a contract proposal from CMU.

The TMC received the contract proposal from CMU June 11, 2001. The following changes were noted.

- a) All reference to CMRI was changed to CMU.
- b) Contract termination date changed from January 31, 2002 to January 31, 2007.
- c) John Zalar asked for two additional changes.
  - Editorial change to the title (remove the word research)
  - In section 5 on page 2, changes to the last sentence to read “Accrued interest will be credited to the account monthly, and the University will report the effective annual rate of interest to ASTM upon request.” This change was asked to reflect the current practice. The proposed contract wording was “interest credited annually.”

The TMC has asked CMU to consider these changes.

### **Personnel**

John Zalar, in December of 2000, had requested, through the AGC, that the TMB consider the addition of a chemist to the staff of the TMC. This was approved by the TMB. However, since that time, and due to continued Industry readjustments, the hiring of this chemist has been put on hold. Ms. Grace Berriker retired in January 2001 and her job responsibilities were spread to exiting TMC employees. The TMC headcount currently is at 17.

## **ASTM Rater Workshops**

Later in the agenda Mr. Zack Bishop will provide a proposal for “rater calibration” within ASTM. This report will specify, as one of the requirements for calibration that raters attend and contribute to an industry workshop. In the past, the CRC has provided the mechanisms for industry workshops. The CRC continues to be supported in the Gear and heavy Duty area, but currently there is no industry leader or support for a CRC light-duty rating workshop this year. ASTM continues to feel very strongly that support of the test procedures require some form of rater calibration or normalization which is provided by rating workshop. This year it has been proposed that the TMC organize an ASTM light duty industry workshop in the September/October time frame to fulfill this need and conform with the requirements for rater calibration. This workshop will be proposed to have all the functions of the CRC workshop except for training. The primary purpose will be “calibration” or normalization of category I industry raters. TMB approval is sought for this initiative.

### Action Items for TMB

1. Approval of Report
2. Approval to allow the TMC to organize and run the ASTM light duty industry workshop.

# **Technical Guidance Committee Report**



**ASTM Test Monitoring Board  
June 18, 2001  
San Diego, California**

# **TGC Meetings**



- **The Technical Guidance committee met in Pittsburgh on April 18, 2001.**
- **The previous meeting was April 11, 1996.**

# ***Consensus ratings***



**There was agreement that all test procedures should have consistent statements regarding consensus ratings. The statement agreed was:**

**“If multiple ratings are deemed necessary of a given part or parts, consensus rating may be used according to the following: The raters shall be from the same laboratory in question or an outside rater if required (no category 1 rater available in the lab). No averaging of ratings is permitted. Only one rating value is to be reported and is to be agreed to by the original rater involved. Any consensus rating shall be documented in the comment section of the test report.”.**

## ***GF-3 Category reference Oil***



- **The TGC agreed that a GF-3 reference oil should be pursued and introduced in all GF-3 sequence tests.**
- **Anyone wishing to provide an oil to the TMC should supply supporting test data to the TMC by end June 2001. The only current candidate is TMC 1008.**
- **The data for all reference candidates received will be blind coded by the TMC and circulated to the TGC membership for review. One candidate will be selected.**

# ***Precision for API Conformance***

## ***Audit calculations:***




- **API requested ASTM input on what precision to use for calculating aftermarket audit conformance.**

- **Action: The TGC recommends that Technical Committee D02.B0 respond to API as follows:**

**“The LTMS Severity Adjustment standard deviation for the specific test type be used and that AMAP testing should only be scheduled during periods when the specific test is in control, as defined by the industry and laboratory LTMS precision charts”.**

# ***TMC Web Site Data***



- **The TGC approved a recommendation that all reference oil test data, valid or invalid, be posted on the TMC web site. It is desired that this TMC information be easily downloaded as an Excel file.**
  - **This should include data from both blind coded and decoded reference oils**
- **Action: Recommend that the TMB confirm this is appropriate and give TMC mandate to proceed.**



# **Rater Calibration**



**A rater calibration procedure was approved by the TGC. Details of the procedure will be presented next by Zack Bishop.**

- **Action: The TGC recommends that the rater calibration procedure be adopted as a requirement for all engine test procedures that contain deposit ratings.**

# **ASTM Rater Calibration Task Force**

**Report to the ASTM Test  
Monitoring Board**

**June 18, 2001**

# ASTM Rater Calibration Task Force Background

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- Established by the ASTM Technical Guidance Committee at the request of the Test Monitoring Board
- Tasked to develop and recommend a process which would allow “calibration” of those individuals responsible for the subjective evaluation of engine deposits using currently available resources  
(Scope)

# ASTM Rater Calibration Task Force

## Task Group Members

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- **Chairman - Zack Bishop**

- **Committee Members**

- **The Chair has received invaluable input from industry including the past Chair, past members and interested ASTM, CRC, and SAE members.**

# ASTM Rater Calibration Task Force

## Definition - Rating

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- The subjective quantification of surface distress and deposits found in internal combustion engines and drive mechanisms generally produced by lubrication products including:
  - Rust
  - Varnish
  - Sludge
  - Carbon
  - Distress

# ASTM Rater Calibration Task Force

## Definition - Rater

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- The Individual tasked with the responsibility to subjectively determine the deterioration of engine parts and drive train mechanisms subjected to petroleum products using industry recognized techniques
- Generally
  - Rust, Varnish, Sludge, Carbon and Distress

# **ASTM Rater Calibration Task Force Definition - Workshops**

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- **Workshops are Industry (generally ASTM or CRC) coordinated gatherings in a central location where industry raters can interact and, using industry accepted rating techniques, subjectively evaluate specific engine and drive train parts with the goal of normalizing individual approaches and viewpoints to a consensus value.**

# ASTM Rater Calibration Task Force

## Activity to Date

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- Some formal meetings
- Innumerable telcons and electronic transmissions.
- Support and guidance from all stakeholders
  - Producers, Users, General Interest (Labs)
- Details upon request only



# ASTM Rater Calibration Task Force

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## RECOMMENDATIONS

# ASTM Rater Calibration Task Force Recommendations - Calibration Process

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## ① Internal or company training

- Participating organizations or companies must have an established and documented process for training raters internally and each rater must have completed this process.
- Each rater must be categorized as either a Category I or Category II by their parent organization or company.
- Records must be kept documenting internal training completion and classification.

# ASTM Rater Calibration Task Force

## Rater Categories

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### ■ Category I

- An individual whose rating results (reference and non-reference) are used in final test reports that support the quality level of experimental fluids and/or whose ratings are used to support the quality level of marketable products.

### ■ Category II

- All other individuals who do not fit into Category I.

# ASTM Rater Calibration Task Force Recommendations - Calibration Process

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- ② Category I raters, to achieve calibration, must attend and contribute to a minimum of one (1) ASTM or CRC industry rating workshop or make-up session each year
  - Ratings must be in the deposit or distress area where calibration is sought.
  - Ratings must be used in the generated statistical data at that workshop

# ASTM Rater Calibration Task Force Recommendations - Calibration Process

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- ③ Records will be kept in a central location identifying those individuals who have achieved Category I status along with proof of qualifications.
- Name of individual
  - Proof of internal training (Company supplied)
  - Date for attendance and contributions to an industry workshop
  - Rating areas

# ASTM Rater Calibration Task Force

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## HOW TO GET STARTED

# **ASTM Rater Calibration Task Force Recommendations - How to get Started**

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- ① Agree with the recommendations of the ASTM Rater Calibration Task Force and the qualifications required for a Category I Rater**
- ② Request surveillance panels identify in their respective procedures that all subjective ratings must be accomplished by Category I raters. (Effective date to be set by S.P.)**

# **ASTM Rater Calibration Task Force Recommendations - How to get Started**

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- ③ Recommend that TMC be assigned the responsibility of maintaining a central data base where Category I raters are identified along with documentation of their qualifications. This data base will be available to Industry**
  
- ④ Initially require only documentation of internal training in the establishment of Category I Status**



# **ASTM Rater Calibration Task Force Recommendations - How to get Started**

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- ⑤ Once an ASTM or CRC industry rating workshop is held, then all category I raters must have attended along with contributions to maintain status.**
- ⑥ New raters will only require internal training until an ASTM or CRC industry rating workshop is conducted**

# ASTM Rater Calibration Task Force Recommendations - How to get Started

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- ⑦ Category I raters not able to attend workshops must, **within 30 days of the workshop**, coordinate a makeup session with a qualified Category I rater that attended the workshop. Parts will be rated by each rater providing comparison numbers. This data will be then submitted to the Central Data Base. **Documenting** this action in this time frame will allow continued Category I status for the rater in question

# **ASTM Rater Calibration Task Force Recommendations - How to get Started**

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- ⑧ The organization charged with maintaining the data base for category I raters will, from time to time, review the effectiveness of the category I process and, if necessary, make recommendations to the Technical Guidance Committee for improvements**



## Test Monitoring Center

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

MEMORANDUM: 01-087

DATE: June 12, 2001

TO: Mr. John Shipinski, ASTM Test Monitoring Board Chairman

FROM: Frank M. Farber

SUBJECT: Data Communication Committee Report

The Data Communications Committee (DCC) has met one time since the December 2000 ASTM meetings: May 26, 2001. The following is a brief summary of the events, action items and recommendations brought forth at this meeting:

- The previously formed Electronic Data Transmission Method task force is continuing its mission to develop a replacement for the X.400 test transmission protocol that has been deemed a sunset technology within the next two years. Several conference calls have occurred over the last six-months moving forward two possible solutions. Preliminary testing of Secure Socket Layer and Secure FTP are showing the most promise for replacing X.400.
- The committee formed a task force to address the industry need to provide report forms and data dictionaries that are capable of handling extended length tests and non-standard data.
- The committee continues the beta test program for newly created report packages as well as any report packet that undergoes modifications as deemed necessary by surveillance panels.
- The Test Monitoring Center has been successfully receiving electronic data transfer from several laboratories. Attachment 1 shows the breakdown of tests received via electronic transfer for the most recent period. Note, that the bench test areas are lagging behind the other test areas in transmitting tests via electronic protocol. Work has started on getting the two-cycle test areas moving on electronic test transmission.
- Attachments 2 & 3 show the current scope and objectives, respectively for the DCC.

FMF/fmf

c: JLZ

## Reference Oil Test Transmission Summary 2001001 to 20010401

Group	Test Type	Reported Tests		
		# Transmitted via ETRTM	Total	% Transmitted via ETRTM
Bench Tests	BRT	112	114	98
	CBT	34	34	100
	EOFT	36	82	44
	EOWT	135	412	33
	D5800	16	41	39
	D6082	19	20	95
	GI	26	39	67
	HTCBT	127	127	100
	MTEOS	18	55	33
	TEOST	8	8	100
	VGC	12	13	92
Diesel Tests	1K1N	9	9	100
	1MPC	14	14	100
	1P	1	1	100
	6V92	0	2	0
	EOAT	1	1	100
	L10	0	8	0
	M11	6	6	100
	RFWT	0	0	N/A
	T8	12	12	100
Gasoline Tests	IID	0	0	N/A
	IIIE	2	2	100
	IIIF	63	64	98
	IVA	56	57	98
	L38	5	5	100
	VE	7	7	100
	VG	31	31	100
	VIA	2	2	100
	VIB	140	142	99
	VIII	12	12	100
Gear Tests	HTCT	9	9	100
	L33	49	49	100
	L37	12	12	100
	L42	120	120	100
	L601	66	66	100
	OSCT	4	98	4
	OSCTM	0	0	N/A
Two-Cycle	TC1	0	18	0
	TC2	0	1	0

Tests	TC3	0	0	0
Totals		1202	1754	69

/docs/data\_communications\_committee/tmc\_transmissions/P20001001\_to\_20010401

## Attachment 2

### Scope:

To address industry wide computer related issues and provide a forum for discussion and subsequent technical solutions to aid in standardization of computer related activities and communications systems.

To oversee, enhance and maintain the Electronic Test Report Transmission Model.

## Attachment 3

# Data Communications Committee Objectives

Stabilization of Data Dictionaries – High Priority				
Test Area	Beta Team Leader		Status	Expected Completion Date
	SR	EG		
T10		1	Completed	11-2000
1Q	2		Completed	12-2000
Two Cycle	3		In development	12-2001
Current Test Area Revisions			Ongoing	
Medium – Low Priority				Address Date
Electronic Data Transmission Methods				10-2001
Digitized Photographs				4-2002
Electronic Test Scheduling				12-2002
Digitized Signatures				12-2002
Extended Test Length Project				10-2001





## Test Monitoring Center

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

MEMORANDUM: 01-058  
DATE: May 18, 2001  
TO: John Shipinski, Chairman, ASTM Test Monitoring Board  
FROM: John L. Zalar  
SUBJECT: ASTM TMC Semiannual Report

### ADMINISTRATIVE/FINANCIAL

The Test Monitoring Center audit for the period February 1, 2000 through January 31, 2001 was completed in April by Ernst and Young. The outcome of the audit was favorable. A copy of the audit report is enclosed.

Carnegie Mellon University (CMU) is implementing a reorganization of the programs within Carnegie Mellon Research Institute (CMRI), to more closely align these activities with the strategic direction and priorities of the university and to ensure that CMRI activities are financially viable. Within a year, the university expects that CMRI will no longer operate as a separate unit. The university has acknowledged that the TMC is a successful program and has not contributed to recent financial difficulties at CMRI, which led to the decision to proceed with reorganization. CMU President Jared Cohen has stated his intention to enable the TMC to continue its work without disruption during and after the reorganization of CMRI. This means that the only impact of the reorganization on the TMC will be that the unit to which it reports within the university will change.

Grace Berriker retired from the TMC on January 5, 2001. There have been no other personnel changes. The TMC now has 17 full-time employees. An updated organizational chart is shown as Attachment A.

### INFORMATION LETTERS

The following 11 information letters have been issued by the TMC since my last report.

<u>Information Letter</u>	<u>Date Issued</u>
Sequence IVA No. 00-4	01/12/01
Sequence VE No. 01-1	01/15/01
Sequence VG No. 01-1	01/16/01
Sequence VG No. 01-2	03/20/01
Sequence VIB No. 00-4	10/31/00
Sequence VIB No. 01-1	01/19/01
M11 No. 01-1	04/19/01
L-37 No. 01-1	01/02/01
Two-Stroke Cycle No. 01-1	01/02/01
CBT No. 01-1	02/16/01
HTCBT No. 01-1	02/07/01

All of these letters, except for Sequence IVA No. 00-4 which was pre-balloted, are on the Spring Subcommittee B information letter ballot. In order to minimize copying and mailing costs, we have continued the practice of sending only information letter cover pages with the ballot. Complete copies of information letters are available to voters upon request.

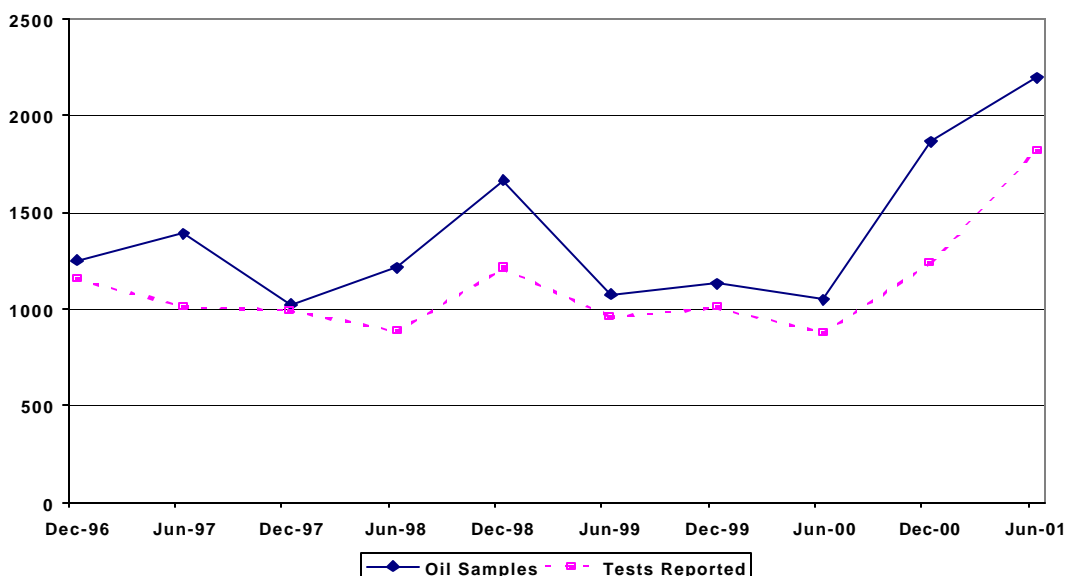
**REFERENCE OILS**

The following reference oils were received and processed by the TMC during the period from November 1, 2000 to April 30, 2001.

<u>Test Type</u>	<u>Oil Code</u>	<u>Quantity (gallons)</u>
PC-9	PC-9C	550
PC-9	PC-9E	715
PC-9	PC-9H	800
PC-9	PC-9K	70
PC-9	PC-9L	70
PC-9	PC-9P	70
OSCT	166	20
OSCT	167	20
Elastomer (PC-9)	SFJ	10
Elastomer (PC-9)	SFP	260

During this same time period, the TMC made 309 shipments of reference oils containing a total of 2,195 individual oil samples. Figure 1 shows five-year trends in the number of reference oil samples distributed by the TMC. Recent increases are primarily associated with new bench tests.

Figure 1. Reference Oil Testing Trends



## **CALIBRATION TEST REPORTING**

During the period from November 1, 2000 to April 30, 2001, 1813 calibration tests were reported to the TMC. Also, during this same period, 68.6% of all tests reported to the TMC were transmitted electronically (97% of engine and gear rig tests). Figure 1 shows five-year trends in the number of reference oil tests reported to the TMC. Recent increases are primarily associated with new bench tests.

## **TMC SUPPORT FOR PC-9**

Work continues in support of the PC-9 diesel engine oil category. TMC involvement includes participation in laboratory visitations, matrix oil handling (verification, storage, and distribution), assistance in the development of data dictionaries and report forms, review and verification of matrix tests, web site posting of matrix data, and overall matrix project management and reporting.

## **ELECTRONIC DISTRIBUTION OF SEMIANNUAL REPORTS**

The TMC plans to cease hardcopy distribution of all semiannual reports. Starting with the next round of reports, electronic versions will be posted on the TMC web site and addressees will be notified via email when reports are available for review/downloading. Over the coming months, the TMC will also be working to eliminate most hardcopy mailings of technical letters and memoranda. The TMC has offered its web site for posting of surveillance panel meeting minutes.

## **TWO ARTICLES ABOUT THE TMC**

The June issue of *ASTM Standardization News* will feature an article about the Test Monitoring Center. March, 2001 marked the 25<sup>th</sup> anniversary of the TMC and this provided a timely theme for the article. Also, the June issue of *Lubes 'n' Greases* will contain an article about the TMC written by David McFall.

JLZ/jlz

Attachment

c: ASTM Test Monitoring Board

## D02.B BALLOT RESULTS

**Proposed Sequence IVA Information Letter No. 00-4  
Subject: Camshaft Lot Restrictions  
Closing Date: December 22, 2000**

### Ballot Responses from Voting Members

Return = 42/66 (64%)

	Approve	Disapprove	Abstain
1. Proposed Sequence IVA Letter No. 00-4	35	0	7

#### Disapprove Comments

None

#### Comments

Thom Smith, Valvoline – Recommends to Sequence IVA Surveillance Panel that all labs use batch 2000 cams and that future batches of cams should be large.

## D02.B BALLOT RESULTS

Membership of the Test Monitoring Board for the two-year term beginning January 1, 2001  
Closing Date: December 22, 2000

### Ballot Responses from Voting Members

Return = 43/66 (65%)

	Votes Received
<b>1. Producers:</b>	
Robert Sutherland, Pennzoil-Quaker State	42
Tom Boschert, Ethyl	43
<b>2. Users:</b>	
John Shipinski, Toyota	43
<b>3. General Interest:</b>	
Paul Strigner	43

### Disapprove Comments

None

### Comments

None

## D02.B BALLOT RESULTS

**Special Election – ASTM Test Monitoring Board  
Replacement to serve out the unexpired term of Shawn Whitacre  
Closing Date: April 19, 2001**

### Ballot Responses from Voting Members

Return = 43/64 (67%)

#### Votes Received

1. User:

David M. Stehouwer, Cummins

43

#### Disapprove Comments

None

#### Comments

None

**D02.B BALLOT RESULTS – June 2001**

**TMC Information Letters  
Closing Date: June 18, 2001**

**Ballot Responses from Voting Members**

**Return = 39/64 (61%)**

	<b>Approve</b>	<b>Disapprove</b>	<b>Abstain</b>
<b>1. Sequence VE Letter No. 01-1</b>	<b>32</b>	<b>0</b>	<b>7</b>
<b>2. Sequence VG Letter No. 01-1</b>	<b>32</b>	<b>0</b>	<b>7</b>
<b>3. Sequence VG Letter No. 01-2</b>	<b>32</b>	<b>0</b>	<b>7</b>
<b>4. Sequence VIB Letter No. 00-4</b>	<b>32</b>	<b>0</b>	<b>7</b>
<b>5. Sequence VIB Letter No. 01-1</b>	<b>32</b>	<b>0</b>	<b>7</b>
<b>6. M11 Letter No. 01-1</b>	<b>31</b>	<b>0</b>	<b>8</b>
<b>7. L-37 Letter No. 01-1</b>	<b>28</b>	<b>0</b>	<b>11</b>
<b>8. Two-Stroke Cycle Letter No. 01-1</b>	<b>29</b>	<b>0</b>	<b>10</b>
<b>9. CBT Letter No. 01-1</b>	<b>30</b>	<b>0</b>	<b>9</b>
<b>10. HTCBT Letter No. 01-1</b>	<b>30</b>	<b>0</b>	<b>9</b>

**Disapprove Comments:**

**None**

**Comments:**

**William Tanguay – Item #5 – Comments on technique for IR Oxidation and Nitration forwarded to Sequence VIB Surveillance Panel**

## **TMC Role in a New Process for Certifying Engine Oils:**

**A. Fearless Forecast: Engine tests and bench tests will be included in future engine oil specifications.**

**(A near certainty - but some may not be ASTM tests.)**

**B. Inescapable Consequence: All stakeholders will want test stand calibration and monitoring for precision/severity.**

**(The one thing that we can all agree on?)**

**C. Indisputable Fact: TMC has people comprising a body of expertise, methodology, historical data, reference engine oil inventory, and credibility supporting test stand calibration and monitoring for precision/severity, that would be difficult to duplicate.**

**(EXPENSIVE to re-create from scratch.)**

(continued on next page)



## **TMC Role in a New Process for Certifying Engine Oils:**

(continued from previous page)

**D. Logical Conclusion:** TMC role in the new engine oil specifications process will be at least as important as it is today.

(whatever the oil specifications process turns out to be)

**E. Action Item:** Stakeholders should affirm future role of the TMC (to the extent possible during this period of uncertainty), and work to ensure that the TMC is positioned to provide needed services on an on-going basis. Consideration to extending the TMC role to monitoring of non-ASTM tests (CEC, JASO, etc) should be considered.

(Maybe, just maybe, agreement on this can be the first step to broader agreement on the New Process ?)