

ASTM TEST MONITORING BOARD MEETING
June 24, 2013

Fairmont Elizabeth Hotel
Montreal, Canada

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Call to Order

ASTM D02.B0.08, the Test Monitoring Board, met on Monday, June 24, 2013 at 5:00 p.m. in the Fairmont Hotel in Montreal, Canada. There were five voting members, four non-voting members, and nine visitors present in person. One voting member, Heather DeBaun participated via conference call. The attendance list is shown as Attachment A. The minutes from the December 3, 2012 meeting were approved. The agenda is shown as Attachment B.

Committee Reports

Frank Farber gave the Administrative Guidance Committee report shown as Attachment C. The report shows the projected TMC deficit for 2013 as \$120K. The TMC noted plans to purchase a Karl Fischer titrator to update their water detection instrumentation. No staff additions are planned for 2013.

Bill Buscher gave the Technical Guidance Committee report. There were no overheads. The TGC has not met during this period. Bill noted that the Sequence IVA surveillance panel formed a group to review TGC and other industry documents to develop a recommendation for tying these documents to existing and future engine test methods.

The Test Monitoring Center report is shown as Attachment D. The CMU-ASTM contract was renewed until 2016. Several new and replacement reference oils were received by the TMC this period. Fifteen information letters passed Sub B ballot.

There was no Data Communication Committee activity this period and no report.

All reports were accepted by the Board.

Old Business

No old business items.

New Business

Tim Brooke from ASTM noted that during the most recent updates to the Rules & Regulations ASTM management felt several sections needed revised. The plan was to have the TMB meet in September to review and finalize the revisions. Tim's presentation is shown as Attachment E.

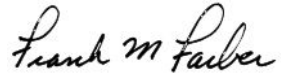
Next Meeting

The next meeting is scheduled for December 9, 2013 in Tampa, FL.

Adjournment

The meeting was adjourned at approximately 5:30 p.m.

Respectfully submitted,

A handwritten signature in cursive script that reads "Frank M. Farber".

Frank M. Farber, Secretary
ASTM Test Monitoring Board

FMF/fmf
Attachments

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Montreal, QC

Attachment A
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Voting Members

NAME	COMPANY AND ADDRESS	PHONE NUMBER E-MAIL ADDRESS FAX NUMBER	PRESENT
Hind Abi-Akar	Caterpillar, Inc. Old Galeena Road Building H3000 Mossville, IL 61552-3000	Phone: (309) 578-9553 e-mail: abi-akar_hind@cat.com FAX: (309) 578-1485	<i>Present</i>
Jason Bowden	OH Technologies 9300 Progress Parkway P. O. Box 5039 Mentor, OH 44061-5039	Phone: (440) 354-7007 e-mail: jhbowden@ohtech.com FAX: (440) 354-7080	<i>JMB</i>
Chris Castanien AGC Chairman	The Lubrizol Corporation 29400 Lakeland Boulevard Wickliffe, OH 44092	Phone: (440) 347-2973 e-mail: cca@lubrizol.com FAX: (440) 944-8112	
Heather DeBaun	International Truck & Engine Corp 10400 W. North Avenue Melrose Park, IL 60160	Phone: (708) 865-3788 e-mail: heather.debaun@navistar.com FAX: (708) 216-0680	<i>By Phone</i>
Steve Kennedy	ExxonMobil Paulsboro Technology Center 600 Billingsport Road Paulsboro, NJ 08066-0480	Phone: (856) 224-2432 e-mail: steven.kennedy@exxonmobil.com FAX: (856) 224-3613	
William Lam	Afton Chemical Corporation 500 Spring Street P.O. Box 2158 Richmond, VA 23218-2158	Phone: (804) 788-5236 e-mail: bill.lam@aftonchemical.com FAX: (804) 788-6388	<i>W/L</i>
Andrew Ritchie	Infineum USA, L.P. 1900 East Linden Avenue Linden, NJ 07036-0536	Phone: (908) 474-2097 e-mail: andrew.ritchie@infineum.com FAX: (908) 474-3637	<i>Present</i>
Ron Romano	FCSD, Service Product Dev, SEO Diagnostic Service Center II Room 410 1800 Fairlane Drive Allen Park, MI 48101	Phone: (313) 845-4068 e-mail: romano@ford.com FAX:	
Greg Shank	Volvo Powertrain 13302 Pennsylvania Avenue Hagerstown, MD 21742	Phone: (301) 790-5817 e-mail: greg.shank@volvo.com FAX: (301) 790-5815	<i>GS</i>

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Non-Voting Members

NAME	COMPANY AND ADDRESS	PHONE NUMBER E-MAIL ADDRESS FAX NUMBER	PRESENT
Wes Venhoff L-37	The Lubrizol Corporation 29400 Lakeland Boulevard Wickliffe, OH 44092-2298	Phone: (440) 347- e-mail: Wes.Venhoff@Lubrizol.com FAX: (440) 347-4096	
Don Bell OSCT	Afton Chemical Corporation 500 Spring Street PO Box 2158 Richmond, VA 23218-2158	Phone: (804) 788-6332 e-mail: don.bell@aftonchemical.com FAX: (804) 788-6243	
William Buscher, III Sequence IVA TGC Chairman	Southwest Research Institute 6220 Culebra Road San Antonio, TX 78228-0510	Phone: (210) 522-6802 e-mail: wbuscher@swri.org FAX: (210) 684-7523	<i>Present</i>
G. E. Callis Two-Stoke Cycle	Spectrum Corporation 1523 SE Prestwick Lane Port St. Lucie, FL 34952-6038	Phone: (561) 337-5060 e-mail: ecallis@spectrumcorporation.com FAX: (561) 337-5061	
Mark Cooper T-8/T-8E, T-11, T-12	Chevron Oronite Company, LLC 4502 Centerview Drive, Suite 210 San Antonio, TX 78228	Phone: (210) 731-5606 e-mail: mawc@chevrontexaco.com FAX: (210) 731-5699	
Mark Devlin Gelation Index	Afton Chemical Corporation 500 Spring Street, P.O. Box 2158 Richmond, VA 23218-2158	Phone: (804) 788-6322 e-mail: mark.devlin@aftonchemical.com FAX: (804) 788-6388	
Frank Farber TMC	ASTM Test Monitoring Center 6555 Penn Avenue Pittsburgh, PA 15206-4489	Phone: (412) 365-1030 e-mail: fmf@astmtmc.cmu.edu FAX: (412) 365-1030	
Joe Franklin Subcommittee B	Intertek Automotive Research 5404 Bandera Road San Antonio, TX 78238-1933	Phone: (210) 523-4671 e-mail: joe.franklin@intertek.com FAX: (210) 681-8300	
Fred Gerhart Sequence VIII	Southwest Research Institute 6220 Culebra Road San Antonio, TX 78228-0510	Phone: (210) 522-3842 e-mail: fgerhart@swri.org FAX: (210) 684-7523	
Dave Glaenzer Sequence IIIF/IIIG	Afton Chemical Corporation 500 Spring Street, P.O. Box 2158 Richmond, VA 23218-2158	Phone: (804) 788-5214 e-mail: dave.glaenzer@aftonchemical.com FAX: (804) 788-6358	
John Glaser Intertek	Intertek Automotive Research 5404 Bandera Road San Antonio, TX 78238-1933	Phone: (210) 647-9459 e-mail: john.glaser@intertek.com FAX: (210) 684-6074	
Rebecca Grinfield EOFT, EOWT HD Elastomers	Southwest Research Institute 6620 Culebra Road San Antonio, TX 78228-0510	Phone: (210) 522-3652 e-mail: bgrinfield@swri.edu FAX: (210) 684-5907	
Jerry Gropp B03 Chairman	The Lubrizol Corporation 29400 Lakeland Boulevard Wickliffe, OH 44092	Phone: (440) 347-1223 e-mail: jlg@lubrizol.com FAX: (440) 347-1555	<i>JLG</i>
Jim Gutzwiller Scote/C13	Infineum USA, L.P. 4335 West Piedras Drive, Suite101 San Antonio, TX 78228	Phone: (210) 732-8132 x13 e-mail: james.gutzwiller@infineum.com FAX: (210) 732-8480	

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Larry Hamilton L-60-1	The Lubrizol Corporation 29400 Lakeland Blvd. Wickliffe, OH 44092-2298	Phone: (440) 347-2326 e-mail: larry.hamilton@lubrizol.com FAX: (440) 347-4096	
Ryan Johnson EOAT	Southwest Research Institute 6220 Culebra Road San Antonio, TX 78228-0510	Phone: (210) 522-2892 e-mail: ryan.johnson@swri.org FAX: (210) 684-7530	
Brian Koehler HTCT	Southwest Research Institute 6220 Culebra Road San Antonio, TX 78228-0510	Phone: (210) 522-3588 e-mail: bkoehler@swri.edu FAX: (210) 680-1777	

Jim Linden
TOTAL LUBRICANTS

673 CAMPOS RD
ROCHESTER HILLS, MI

248-321-5343
LINDENJIM@JLINDENCONSULTING.COM

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Visitors

NAME	COMPANY AND ADDRESS	PHONE NUMBER E-MAIL ADDRESS FAX NUMBER	PRESENT
MIKE McMILLAN	INFINEUM	MIKEMILLAN123@COMCAST.NET 586-677-9198	✓
Doyle Boese	Infineum 1900 E. Linden Ave. Linden, NJ 07036	908-474-3176 Doyle.Boese@Infineum.com	✓
Tony Hendrix	SOUTHWEST RESEARCH	210-522-3720 AHENDRIX@SWRI.EDU	✓
Bill Buscher	SURI	210-522-6802 wbuscher@suri.edu	✓
Ben Weber	"	210-522-5911 Ben.Weber@suri.org	
Steve Marty	"	210-522-5929 Smarty@suri.org	✓
Jerrold Gropp	Lubrizol	440-347-1223 jerrold.gropp@Lubrizol.com	✓
Allison Atkey	Volvo	301-573-5694 allison.Atkey@Volvo.com	✓
IRWIN GOLDBLATT	BP Lubricants USA	irwin.golblatt@bp.com	✓
NORB NANN	NANN CONSULTANTS, INC	NORB.NANN1@AOL.COM	✓
DENNIS GAAL	EXXON MOBIL	DENNIS.A.GAAL@EXXONMOBIL.COM	✓
Galen Greer	BASF	galen.greer@BASF.com	✓

ASTM TEST MONITORING BOARD MEETING
Monday – June 24, 2013
5:00 - 6:30 PM
Fairmont Hotel
Montreal, Quebec

AGENDA

- 1. Call to Order**
- 2. Approval of December 3, 2012 Minutes**
- 3. Membership**
- 4. Receive, Accept and Take Action on Reports**
 - Administrative Guidance Committee – Chris Castanien**
 - Technical Guidance Committee – Bill Buscher III**
 - Test Monitoring Center – Frank Farber**
 - Data Communications Committee – Frank Farber**
- 5. Old Business**
- 6. New Business**
 - Rules & Regulations Discussion**
- 7. Next Meeting - Monday December 9, 2013 Tampa, FL**
- 8. Adjournment**

**AGC Semi-Annual Report to the
Test Monitoring Board**

December 2012
To
June 2013

June 24, 2013

AGC Membership

- Chris Castanien Lubrizol (Chair)
- John Glaser Intertek Automotive Research
- Phil Ames Afton Chemical
- Dave Bradley ASTM
- Ben Weber Southwest Research Institute
- Frank Farber TMC (Non-Voting)

Membership Changes?

- None

AGC Responsibilities

- Advise the TMC Administrator on general business activity
- Advise the TMC Administrator in finalizing the annual budget, manpower requests and contract recommendations
- Prepare an annual evaluation and salary recommendations of the TMC Administrator and Staff for presentation to the Board

TMC Fiscal Performance

- Fiscal Year 2005 \$125,648
- Fiscal Year 2006 \$124,141
- Fiscal Year 2007 \$177,815
- Fiscal Year 2008 \$ 70,864
- Fiscal Year 2009 \$469,773
- Fiscal Year 2010 \$415,224
- Fiscal Year 2011 \$483,558
- Fiscal Year 2012 \$144,627
- Fiscal Year 2013 **~\$120,000**

* Projected

FY 2013 TMC Projected Performance

- Projected expenses are within budget
- Projected income is above budget
- Projecting a deficit of ~\$120,000

FY 2013 TMC Projected Performance

Line Item	2012 EOY ¹	2013 Budget	2013 Projected
Total Expenses	\$2,682,632	\$2,980,182	\$2,675,475
Revenues	\$2,827,259	\$1,982,656	\$2,774,582 ²
Revenue - Expense	\$133,143	-\$442,004	\$99,107
Interest	\$11,494	\$37,000	\$10,548
Net	\$144,627	-\$405,044	-\$109,655
Reserves	\$4,500,345 ³	\$4,095,301 ⁴	\$4,390,690
Months Reserve	20	20	20
Fee Adjustments	None	None	None
New Tests	None	None	None
Reg. FT Headcount	15	15	15

¹ Values from 2012 report
² Based on Jan-May monthly average
³ Total Net Assets before and after charges
⁴ Derived from 2012 EOY results, reserve and Net Income budget

TMC Forecast – FY 2013 Assumptions

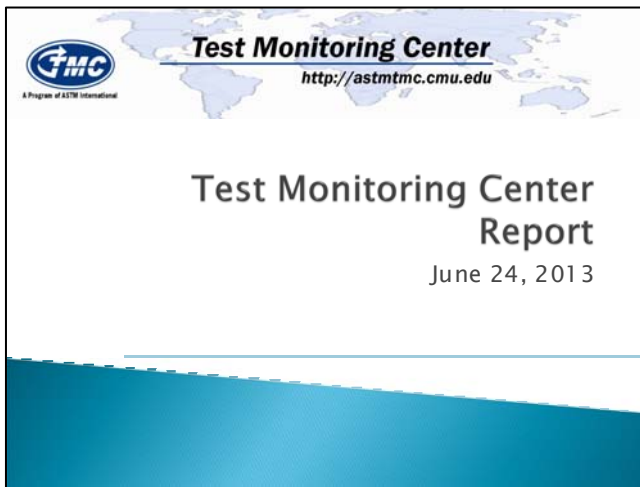
- Salary increases, 2.9% (2013)
 - Benefits (fringe)
 - 28.6% (2013)
 - 30.1% (2014)
- Continued participation in new development

TMC – 2013 Budget Notables

- Sequence VI Base & Flush Oil Re-blend Complete
 - Sequence VI re-blend over funded
 - Labs will be requested to invoice TMC to redistribute funds back to labs
- Part-time help has been used to meet high shipping/receiving demand
- New warehouseman addition will likely be proposed for 2014

2013 Purchase

- TMC would like to upgrade its water detection capability for reference oils
- TMC plans to purchase a Karl Fischer Coulometric Titrator <\$50K



Administrative / Financial

- ▶ The ASTM-CMU contract was renewed until 2016.
- ▶ The current financial status of the TMC will be part of the Administrative Guidance Committee report.

Staffing

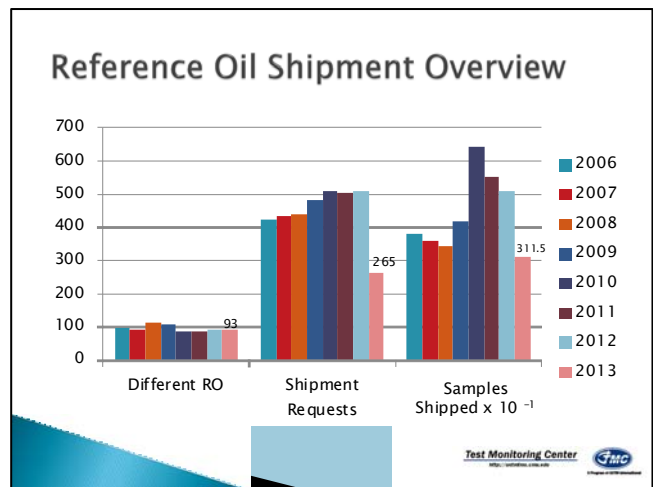
- ▶ The TMC staff count is now at 15 full-time employees. The TMC is employing some temporary student help in our chem lab and warehouse group.

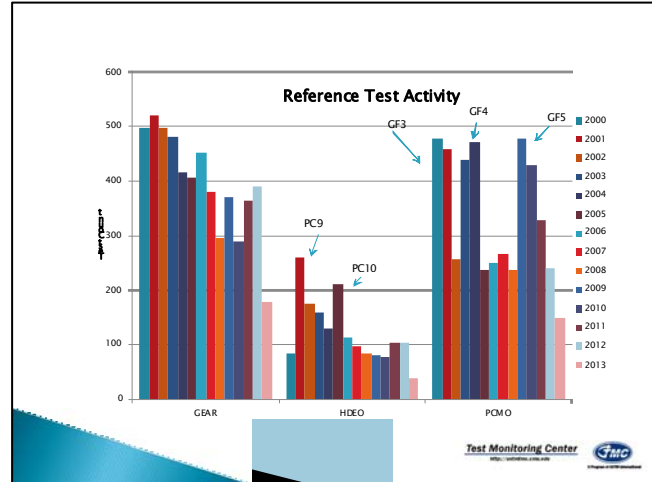
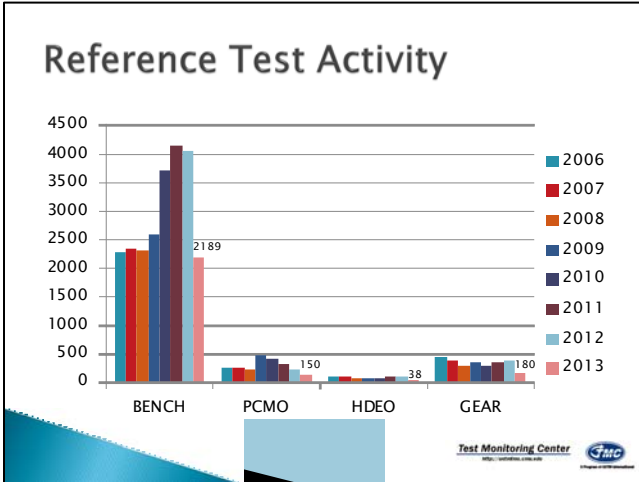
15 Information Letters Passed Sub B Ballot

Test Area	No.	Issued	Content
ISB	12-3	11/15/2012	A CSW and ATWL Correction Factors
IVA	13-1	1/28/2013	Critical Part Modification Statement
IIIF	13-1	2/6/2013	1. Correction to Section 11.12 2. Corrected Reference for Rating Manuals and Workshop
III G	13-1	2/6/2013	Correct Deposit Workshop Designation
IVA	13-2	2/6/2013	1) Increase in number of Runs Allowed on Heads and Engines 2) Alternate Engine Oil Codes
VG	13-1	2/18/2013	1) Modifications to Test Hardware 2) Correct References to Rating Manuals and Workshops 3) Thread Modifications to Blocks and Weld Repair to RAC
T-10	13-1	2/22/2013	T-10 Calibration Period Change
L-60-1	13-1	3/1/2013	1. Change to Supplier Information for Screen-Kut Sanding Paper 2. Use of Gear Raising Jig 3. Update Occurrences of CRC Manual 20 to ASTM Deposit Rating Manual 20
L-37	13-1	3/12/2013	Correction factors for use in non-reference tests using V11528 hardware
IVA	13-3	3/12/2013	1) Re-grinding of Cams 2) Test Method Clean-up Items
OSCT	13-1	3/19/2013	Elastomer Batch Approval Requirement
L-37	13-2	3/20/2013	V11528 Hardware Batch Operating Conditions Comment Text: When Pitting/Spalling Exclusion Is Used For V11528 Hardware
HFCT	13-1	4/2/2013	Documentation of Tests Using Revised Range Clutch Synchronizer Components
L-37	13-3	4/29/2013	Impaction Pot
IIIF	13-2	5/8/2013	Use of Hours to 275% Viscosity Increase

Reference Oil Procurement

Test Type	Oil Code	Quantity (gallons)
Sequence VID	542-1	275
	Flush Oil	1155
	Baseline Oil	5995
Sequence IIIF	433-2	500
Sequence IVA	300	330
D5800	VOL12B	55
	VOL12C	55
	VOL12D	55
	VOL12E	55





Other Items

- ▶ ACC-MA/ATC-ERC, these projects are now in their second year of the six-year contract period.
- ▶ GMOD test start-up is ongoing.

Test Monitoring Center
www.testmonitoringcenter.com



Regulations Governing the ASTM Test Monitoring System

June 24, 2013



Proposed Revisions

- Comprehensive Review
- Technical Direction for TMC
- Management of TMC
- Editorial Changes



Approval Process/Timeline

- Schedule Meeting at TMC HQs in September 2013
- Finalize Revisions to Regulations
- Obtain Approval for Ballot at December 2013
D02.B0 Meeting
- Ballot to D02.B0
 - 2/3 Approval Required