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Committee D02 on PETROLEUM PRODUCTS AND LUBRICANTS

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Unapproved Minutes of the February 26, 2009 Sequence VID Surveillance Panel conference call.

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The meeting was called to order at 10:00am by Chairman Charlie Leverett.

Agenda

The Agenda is **Attachment 1**.

1.0 Roll Call

The attendance list is **Attachment 2**. Patrick Lai announced his retirement.

2.0 Approval of Minutes

The minutes from the 11.13.2008 meeting were posted but it was noted the presentation on proposals for the precision matrix was not included. That change was made and the minutes posted again. The minutes for the 12.16.2008 conference call were approved without change. The minutes of the conference call on 02.18.2009 were also posted.

3.0 Action Item Review

3.1.) The Surveillance Panel will recommend the reference oils to be used for VID tests. (09/10/08) Open, and this is pending review of oil C data from both labs in Phase 1.

3.2) The Statistical Group will review BL Shift (BLB vs. BLA) after the Precision Matrix Phase II is completed. (10/06/08) Open pending Phase II of Precision Matrix

3.3) The Statistical Group will review outlier criteria after the Precision Matrix Phase II is completed. (01/06/08) Open pending Phase II of Precision Matrix

3.4) The SP is to determine requirements for the next batch of BL by the next Surveillance Panel meeting. Open pending completion of Phase II is currently in Scope & Objectives.

3.5 OHT will notify SP when the new engine supply arrived. (12/16/08). Open - as of 2/18/09 the estimate is mid March.

3.6) Mark Mosher to supply oil pressure data for consideration on what is determine a successful oil pump swap. (02/18/09). Motion to allow swap was tabled pending this information and other industry information shown below in 3.7. A modified motion is later in the minutes. Completed

3.7) Send a survey to labs asking for information on oil pressure. (02/08/09) Survey sent out 2/18/09, response requested to TMC by 02/24/09. Completed, results send out to SP 02/24/09

3.8) The Surveillance Panel will hold weekly conference calls until all issues relater to oil selection are resolved for Phase II. (02/18/09) This will take place through the completion of Phase II.

3.9) Rich will post data (testing required by SP) from labs (once received) wanting to participate in Phase II. The SP membership will be notified of the posting so they can review for a discussion on allowing their participation. (02/18/09) Posted 02/25/09 2 of three labs.

3.10) SP members should review the current data fields of the PM and submit a request for any additional to Rich at TMC. (02/18/09)

3.11) This was an earlier action item which was dropped and now back into place, Labs should start creating a list of acceptable engine reconditioning practices. The SP will review the list and make final recommendations on parts and actions required. (02/18/09)

3.12) Charlie will issue a detailed timeline estimate from the completion of Phase I to the issuance of the Research Report. (02/18/09) Completed and is shown below in New Business.

3.13) Charlie is to survey dependent labs on when they would be ready to start Phase II. (02/18/09)
Completed, the results of this survey as-of today are:

Lab 1 will be ready 02/24/09

Lab 2 will have one stand on 03/11/09 and the other on 03/13/09.

Lab 3 will be ready 03/16/09

If the Independent Labs start Test 1 on 3/10/09, the Dependent Labs will have to have a test running around 03/30/09 to meet the guidelines (shown in 4.3) setup in the MOA.

4.0 Old Business

4.1) A motion was made by Mark Mosher and seconded by Guy on 02/18/09 to allow the replacement of oil pumps. This motion was “Tabled” pending a review of data from Mark and the industry survey on oil pressure.

It was noted that prior to voting on this motion the SP wanted a better understanding of what maybe a normal drop in pressure with engine life and what the expect increase may be with the replacement of the oil pump. Mark Mosher still wanted to use the engine with a broken in oil pump. A new motion was generated:

MOTION: Allow ExxonMobil to replace the oil pump on engine #1 with a pump aged for 48 hours. This engine would then be acceptable for use in Phase II.

Mark Mosher / Guy Stubbs / This motion was approved unanimously.

Oil pressure survey has been submitted to the SP for consideration of allowing the pump to be changed. It was noted in the survey that all labs did not use the same location for this measurement, IAR & SwRI are using the same location.

ACTION: Lubrizol will either move the oil pressure tap location or install a second transducer to allow data comparison.

4.2) Neither of the “Proposals” were accepted during the 2/18/09 meeting Ron made a motion to review the four Oil “C” test results (to be completed by 02/24/09) and reopen the discussion on reference oil selection in 02/26/09 conference call. There was concern about the large delta in results. There was also a question on whether to focus on FEI1 or decide with equal weighting for FEI1 and FEI2. The motion is included again for clarification:

MOTION: Wait for data on oil “C” running on both stands at both labs. Have a conference call on 02.26.2009 at 10:00am to review that data. Review the Phase 2 run order and change that order so all of the first tests to run at each participating lab would be on the same selected reference oil.

Ron Romano / Jim Linden / This motion was approved with one waive.
[From CC 02.18.2009]

MOTION: All labs will start Phase II using oil D. The STAT group will review the Phase I data and another conference call to review this analysis will take place before labs start the second oil for Phase II.

Ron Romano / Mark Mosher/ This motion was approved unanimously.

As part of the discussion, IAR and SwRI agreed to supply the data from the 4 tests run on oil C.

ACTION: Both labs in Phase I will supply report data for oil C as Excel files to the TMC for review. That data will be made available for STAT group review.

ACTION: There does appear to be a lab difference, and it is recommended the stage weighting be reviewed as part of the Phase I analysis.

4.3) On the agenda of the 02/18/09 meeting there was a discussion on how to handle invalid test if they were to occur in Phase II at the dependent Labs, Jim Linden reminded us this is covered in the MOA, the wording is as follows:

Supplemental data from additional labs and stands deemed ready by ASTM will be included in the development of the precision statement unless identified and confirmed as a statistical outlier by the industry statistical team, assuming the last test of the data submission has started by the end of matrix step 2.

4.4) Review data for dependent labs that want to participate in Phase II of the matrix, data is now posted for two of the three labs on the TMC web site.

MOTION: Accept engines for Phase II testing based on data posted on the TMC web site for dependent labs.

George Szappanos / Mark Mosher/ This motion was approved unanimously.

The labs can begin Phase II testing as soon as their stands are ready and oil D is at all labs.

4.5) The latest update on the new DD is it will be available 03/17/09.

5.0 New Business

5.1) Timeline Update shown below:

Estimated Timeline for Completion of VID PM and Issuance of Research Report

Phase I Completion	Start Phase II Oil 1	Data review completed by SG	SP Conference Call to discuss SG data review & oils 2 & 3 selection	Start Phase II Oil 2	Start of Phase II Oil 3	* All Data in for review by SG	SG Reports data review to VI SP	Issue Research Report
3/10/2009	3/10/2009	3/16/2008	3/17/2008	3/17/2008	3/24/2009	4/7/2009	4/14/2009	4/21/2009

←
* Allows 7 days for supplemental data
as noted on page 7 of the MOA

6.0 Next Meeting

6.1) The next meeting will be a conference call on 03.05.2009 at 10:00am.

6.2) There will be weekly conference calls.

The meeting was adjourned at 11:02am.

ATTACHMENT

ONE

Sequence VI Surveillance Panel Conference Call

Thursday February 26, 2009

@ 10:00 AM CST

Call-in Number is: 866-298-0814

Conference Code: 2709134

Agenda

1.0) Roll Call

2.0) Approval of minutes

2.1) Approve the minutes from 11/13/08 (revised) and 02/18/09.

3.0) Action Item Review

3.1.) The Surveillance Panel will recommend the reference oils to be used for VID tests. (09/10/08) Open

3.2) The Statistical Group will review BL Shift (BLB vs. BLA) after the Precision Matrix Phase II is completed. (10/06/08) Open pending Phase II of Precision Matrix

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* Allows 7 days for supplemental data as noted on page 7 of the MOA

6.) Next Meeting

6.1 We will hold a conference call March 5 @ 10:00 CST

7.) Meeting Adjourned

ATTACHMENT

TWO

ASTM SEQUENCE VI SURVEILLANCE PANEL
Conference Call 02/26/09

Name	Address	Phone/Fax/Email	Attendance
Bowden, Dwight Voting Member	OH Technologies, Inc. P.O. Box 5039 Mentor, OH 44061-5039	Phone: 440-354-7007 Fax: 440-354-7080 dhbowden@ohtech.com	Present
Jim Linden Voting Member	General Motors Research & Development 30500 Mound Rd./MC 480-106-160 Warren, MI 48090-9055	Phone: 586-986-1888 james.l.linden@gm.com	
Andy Ritchie Voting Member	Infineum 1900 East Linden Ave. Linden, NJ 07036-0735	Phone: 908-474- Fax: 908-474-3637	Present
Ron Romano Voting Member	Ford Motor Company 21500 Oakwood Blvd POEE Bldg Rm DR 167 MD 44 Dearborn, MI 48121-2053	Phone: 313-845-4068 rromano@ford.com	Present
Lai, Patrick Voting Member	Imperial Oil Ltd. of Canada 453 Christina Street South Sarnia, N7T T8T8,	Phone: 519-336-5611 Fax: 519-339-5866 patrick.k.lai@esso.com	Present
Leverett, Charlie Voting Member	Intertek Automotive Research 5404 Bandera Road San Antonio, TX 78238	Phone: 210-647-9422 Fax: 210-523-4607 charlie.leverett@intertek.com	Present
Grunza, Rich Voting Member	ASTM TMC 6555 Penn Ave. Pittsburgh, PA 15206-4489	Phone: 412-365-1034 Fax: 412-365-1047 Dml@tmc.astm.cmri.cmu.edu	Present
Miranda, Timothy Voting Member	BP Castrol Lubricants USA 1500 Valley Road Wayne, NJ 07470	Phone: 973-305-3334 Timothy.Miranda@bp.com	Present
Mosher, Mark Voting Member	ExxonMobil 600 Billingsport Road Paulsboro, NJ 08066	Phone: 856-224-2132 Fax: 856-224-3628 mark_r_mosher@exxonmobil.com	Present
Caudill, Timothy Voting Member	Ashland, Inc. 21st and Front Streets Ashland, KY 41101	Phone: 606-329-5708 Fax: 606-329-3009 Tlcaudill@ashland.com	Present
Stubbs, Guy Voting Member	Southwest Research Institute (SwRI) 6220 Culebra Road San Antonio, TX 78228	Phone: 522-5913 Fax: gstubbs@swri.edu	Present
Szappanos, George Voting Member	Lubrizol 29400 Lakeland Blvd. Wickliffe, OH 44092	Phone: 440-347- Fax: 440-347-4096 George.Szappanos@lubrizol.com	Present
Glaenzer, David Voting Member	Afton Research Center 500 Spring Street Richmond, VA 23218	Phone: 804-788-5214 Fax: 804-788-6358 Dave_Glaenzer@ethyl.com	Present
Tracey King Voting Member	Chrysler	Phone: Fax: tek1@chrysler.com	
Sutherland, Mark Voting Member	Chevron Oronite Company LLC 4502 Centerview Ste. 210 San Antonio, TX 78228	Phone: 731-5605 Fax: 731-5621 msut@chevrontexaco.com	Present
Robert Stockwell	ConocoPhillips Lubricants R&D Passenger Car Engine Oil	office 580-767-6894 Robert.T.Stockwell@conocophillips.com	McCollum for Robert

**ASTM SEQUENCE VI SURVEILLANCE PANEL
Conference Call 02/26/09**

Name	Address	Phone/Fax/Email	Attendance
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