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Committee D02 on PETROLEUM PRODUCTS AND LUBRICANTS

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The unapproved minutes of the March 26, 2009 Sequence VI Surveillance Panel conference call.

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

Agenda

The Agenda provided after the meeting is **Attachment 1**.

1.0 Roll Call

The attendance list is **Attachment 2**.

2.0 Approval of Minutes

- 2.1) Minutes from 3/05/, 03/12 and 03/17 conference call are now posted.
- 2.2) The minutes were approved unanimously.

3.0) Action Item Review

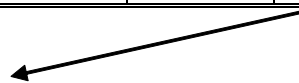
- 3.1) The Statistical Group will review BL Shift (BLB vs. BLA) after the Precision Matrix Phase II is completed. (10/06/08) Open pending Phase II of Precision Matrix
- 3.2) The Statistical Group will review outlier criteria after the Precision Matrix Phase II is completed. (01/06/08) Open pending Phase II of Precision Matrix
- 3.3) 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.
- 3.4) OHT will notify SP when the new engine supply arrived. (12/16/08). Open - as of 03/05/09 the build will occur April 09.
- 3.5) The Surveillance Panel will hold weekly conference calls until all issues relater to oil selection are resolved for Phase II. (02/18/09) Open until Phase II is completed
- 3.6) 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) OPEN
- 3.7) The SP decide to monitor oil pressure and have the Statistical Group review the complete data set (Phase I & II) to see if oil pressure correlates to performance. (02/26/09) Open until Phase II is completed
- 3.8) It has been recommended that stage weighting be reviewed as part of the Phase I & II analysis. (02/26/09) Open until Phase II is completed
- 3.9) SwRI will supply BL data on engine 11B prior to and after the re-assembly of the engine. They should also re-install the original tensioner on this engine prior to final assembly. (03/05/09)

4.0 Old Business

4.1) Here is the current time line:

Estimated Timeline for Completion of VID PM and Issuance of Research Report as-of 3/17/09

Phase I Completion	Start Phase II Oil 1 (VID-D)	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	4/21/2009	4/22/2009



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

The date for the research report will probably need to change to after the panel meeting.

The SG will meet in Detroit 04/21/09 & if needed 04/22/09.

The SP will meet in Detroit at GM R&D 04/22/09 @ 1:00 & 04/23/09 @ 9:00 - ??

4.2) All Phase II data shall be reported using the current Data Dictionary.

5.0 New Business

5.1) Update from Labs on Phase II Progress:

Estimated EOT Dates as-of 03/24/09

Lab	Stand Engine	Run 1 EOT Date	Run 2 EOT Date	Run 3 EOT Date
SwRI	61/10B	3/18/09	3/25/09	
SwRI	62/6B	3/25/09		
IAR	1/13A	3/17/09	3/24/09	3/31/09
IAR	4/8A	3/17/09	3/24/09	3/31/09
Afton	2/10A	3/18/09	3/26/09	4/2/09
Afton	1/13B	3/19/09	3/26/09	4/2/09
Lubrizol	1/3A	3/13/09		
ExxonMobil	1/11A	3/25/09	3/31/09	4/6/09

Dates shown in red are completed

5.2) Interpretation of the Supplemental data clause in the MOA, the wording is:

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

My interpretation is that if a dependent Lab does not complete all three tests within ~6.5 days from the completion of step 2 by the both of the independent labs any data submitted at this point will be used in the analysis.

As I understand the original intent for this statement was to not delay the analysis more than 6.5 days if a dependent Lab had not completed their last of 3 valid tests.

MOTION: All completed valid data from dependant labs that is available per the MOA time line will be considered in the precision matrix analysis.

Chris Castanien/Ron Romano Approved unanimously.

5.3) Oil Pressure issues – Bruce Matthews at GM has sent out the following concerning oil pressure:

All,
although I have not spoken to all the hardware engineers here, the one I have is suggesting this could be due to the seal between the pump and pickup tube. Apparently this seal should be replaced anytime the sump is removed. In addition the current seal isn't as robust as it should be so if it is disturbed it may no longer seal 100%. An improved seal is in the works.

Perhaps the next engine with a low pressure could try just replacing this seal to determine if that restores oil pressure.

Comments?

Thanks
Bruce Matthews
Engine Oil
General Motors Powertrain
248.830.9197

5.4) Oil targets for reference oil 539.

MOTION: Accept the updated targets for 20 tests on oil 539 effective 03.26.2009

Guy Stubbs/Dave Glaenger Approved unanimously.

5.5) Data for VID Precision Statement – The Statistical Group held a conference call 03/25/09 and in the discussions a question came up on data used in the precision statement, the question is should all Phase I & II data be used or only oils A, D & X from Phase I & II? Discussion?

There was a lot of discussion on whether to use repeat data, and effects on the models.

ACTION: The STAT group will look at all data and provide a recommendation to the Surveillance Panel.

6.) The next conference call will be on 04.02.2009

7.) The meeting adjourned at 10:41am.

Sequence VI Surveillance Panel Conference Call

Thursday March 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) Minutes from 3/05/09 conference call are now posted as-of 03/17/09, 3/12/09 & 3/17/09 will be posted shortly, please review for approval in this conference call.

3.0) Action Item Review

3.1) 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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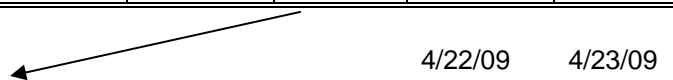
3.9) SwRI will supply BL data on engine 11B prior to and after the re-assembly of the engine. They should also re-install the original tensioner on this engine prior to final assembly. (03/05/09)

4.) Old Business

4.1) Timeline Update (as-of 02/26/09) shown below:

Estimated Timeline for Completion of VID PM and Issuance of Research Report as-of 3/17/09

			SP Conference Call to discuss SG data review & oils 2 & 3 selection			* All Data in for review by SG	SG Reports data review to VI SP	Issue Research Report
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Perhaps the next engine with a low pressure could try just replacing this seal to determine if that restores oil pressure.

Comments?

Thanks
Bruce Matthews
Engine Oil
General Motors Powertrain
248.830.9197

5.4) VIB 539 Target Update- See attachment



539targets.pdf

5.5) Data for VID Precision Statement – The Statistical Group held a conference call 03/25/09 and in the discussions a question came up on data used in the precision statement, the question is should all Phase I & II data be used or only oils A, D & X from Phase I & II? Discussion?

6.) Next Meeting

6.1 We will hold a conference call **April 2 @ 10:00 CDT.**

7.) Meeting Adjourned

ASTM SEQUENCE VI SURVEILLANCE PANEL

Conference Call 03/26/09

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	Present
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
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
Grundza, 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	Gene Hammerle For Mark
Caudill, Timothy Voting Member	Ashland, Inc. 21st and Front Streets Ashland, KY 41101	Phone: 606-329-5708 Fax: 606-329-3009 Tcaudill@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	Present
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	

