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## **Committee D02 on PETROLEUM PRODUCTS AND LUBRICANTS**

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Unapproved Minutes of the March 05, 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**.

## 2.0 Approval of Minutes

The minutes from the 02.26.2009 meeting were posted and approved unanimously.

## 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

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). **The engine build is estimated to start 04.2009 at the GM plant.**

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

3.7) 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) **Todd Dvorak has requested an additional field. It was noted that most of the matrix data is now posted on the TMC web site.**

3.8) 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)

**Guy Stubbs described the problem with engine 11B where a small piece of the rocker cover gasket was found clogging the orifice in the head gasket after 1400 hours of run time. SwRI requested and received permission to install a head gasket and the original hydraulic plunger and continue to use the engine. OHT will supply a head gasket kit.**

**Action: SwRI will supply BSFC data before and after rework, and supply photos of the problem area.**

**Action: Labs will review the external oil bypass detection method.**

3.9) 3.9) Lubrizol will move the oil pressure pickup location to match others prior to starting their Phase II runs. (02/26/09) **Lubrizol has moved the oil pressure tap location and started the first test for Phase II.**

3.10) IAR & SwRI will submit Excel spreadsheets for the oil "c" runs to the Statistical Groups and cc: Rich. At the next meeting we will determine if this is sufficient data for the Statistical Groups review. (02/26/09)

3.11) TMC will start shipping oil A, B, C D & X to participating labs, oils not selected for reference oils may be returned to TMC pending the final selection. (02/26/09) **All oils have gone to two labs, and the remainder will ship shortly.**

3.12) Oil D will be run first at all labs. (02/26/09)

3.13) 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.

3.14) Stage weighting will be reviewed.

4.0 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 2/26/09**

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

**A meeting was requested for 04.15-16 in San Antonio. ILSAC has a meeting on the 20<sup>th</sup> that needs to take place after the Surveillance Panel meeting. SwRI will host this meeting.**  
**Action: The schedule will be reviewed on when to have the Surveillance Panel meeting in coordination with ILSAC, PCEOCP, and PAPTAG meetings in April.**

5.) New Business

AER Camshaft purchase for VIB engines, the industry determined (May-June 2007) it needed ~ 50 engines built to have a sufficient supply for GF-4 (2010-2011) to-date only 7 (from 2008 build of 15 engines) of these 50 have been purchased. AER has made a special purchase of camshafts for 34 engines and is asking for compensation for this expense if not used.

**The question was asked on the price per camshaft and each is \$30,000.**

**Action: The original survey will be reviewed, and labs will pay for the camshafts based on their original estimates for engines needed.**

**6.) The next meeting will be on 03.12.2009. Another call will be necessary on the 18<sup>th</sup> to select the next reference oils for Phase II.**

**7.) The meeting adjourned at 10:40am.**