



Address 100 Barr Harbor Drive
PO Box C700
W. Conshohocken, PA
19428-2959 | USA

Phone 610.832.9500
Fax 610.832.9666
Web www.astm.org

Committee D02 on PETROLEUM PRODUCTS AND LUBRICANTS

Chairman: KENNETH O. HENDERSON, Cannon Instrument Co., 2139 High Tech Road, State College, PA 16803, (814) 353-8000, Fax: (814) 353-8007, e-mail: kenohenderson@worldnet.att.net
First Vice-Chairman: BEN R. BONAZZA, TI Group Automotive Systems, Caro Research Center, 326 Green Street, Caro, MI, 48723 (989) 673-8181 ext. 227, Fax: (989) 673-3241, e-mail: bbonazza@us.tiauto.com
Second Vice-Chairman: JANET L. LANE, ExxonMobil Research & Engrg., 600 Billingsport Rd, Paulsboro, NJ 08066-0480 (856) 224-3302, Fax: (856) 224-3616, e-mail: janet.l.lane@exxonmobil.com
First Secretary: RALPH A. CHERRILLO, Shell Global Solutions (US) Inc., Westhollow Tech Ctr., 3333 Highway 6 South, Houston, TX 77082 (281) 544-8789, Fax: (281) 544-8150, e-mail: ralph.cherrillo@shell.com
Second Secretary: MICHAEL A. COLLIER, Petroleum Analyzer Co. LP, PO Box 206, Wilmington, IL 60481, (815) 458-0216, Fax: (815) 458-0217, e-mail: macvarlen@aol.com
Staff Manager: DAVID R. BRADLEY, (610) 832-9681, Fax: (610) 832-9668, e-mail: dbradley@astm.org

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Reply to: Dan Worcester
Southwest Research Institute
528 Tom Slick Ave
San Antonio, TX 78228
Phone: 210.522.2405
Fax: 210.684.7523
Email: dan.worcester@swri.org

The unapproved minutes of the April 02, 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 the 03.26.2009 conference call are 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) **The engine did not return to original conditions, has been pulled and will be fully torn down for inspection.**

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 3/26/09**

Phase I Completion	Start Phase II Oil 1 (VID-D)	Data review complete 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	3/16/2009	3/17/2008	3/17/2008	3/24/2009	4/14/2009	4/21/2009	4/25/2009

← 4/23/09
 * Allows 7 days for supplemental data as noted on page 7 of the MOA

4.2) All data is now reported in the latest version of the data dictionary. All IAR data is complete, and all SwRI for the first stand. Afton had the last test on one stand complete and it has been reported. The second will complete 04.02.2009. Lubrizol and ExxonMobil data is current. All oil D runs have been reported.

5.0 New Business

5.1) Update from Labs on Phase II Progress:

Estimated EOT Dates as-of 04/01/09

Lab	Stand Engine	Run 1 EOT Date	Run 2 EOT Date	Run 3 EOT Date
SwRI	61/10B	3/18/09	3/25/09	4/1/09
SwRI	62/6B	3/25/09	4/1/09	4/8/09
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	3/13/2009	4/5/2009	4/13/2009
ExxonMobil	1/11A	3/26/09	4/1/09	4/8/09

Dates shown in red are completed

6.) The next conference call will be on 04.02.2009

6.1) The meetings in Detroit will be changed in location.

6.2) Locations and times will be announced.

7.) The meeting adjourned at 10:15am.

ATTACHMENT

ONE

Sequence VI Surveillance Panel Conference Call

Thursday April 02, 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 minutes from 3/26/09 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**

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 relate 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) Done

4.0) Statistical Group is requested to look at all repeat data and only A,D & X data to determine which data set should be used for precision statement.

4.) Old Business

4.1) Timeline Update (as-of 03/26/09) shown below:

Estimated Timeline for Completion of VID PM and Issuance of Research Report as-of 3/26/09

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	3/16/2009	3/17/2008	3/17/2008	3/24/2009	4/14/2009	4/21/2009	4/25/2009

← 4/23/09

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

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

5.) New Business

5.1) Update from Labs on Phase II Progress:

Estimated EOT Dates as-of 04/01/09

Lab	Stand Engine	Run 1 EOT Date	Run 2 EOT Date	Run 3 EOT Date
SwRI	61/10B	3/18/09	3/25/09	4/1/09
SwRI	62/6B	3/25/09	4/1/09	4/8/09
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	3/13/2009	4/5/2009	4/13/2009
ExxonMobil	1/11A	3/26/09	4/1/09	4/8/09

Dates shown in red are
completed

6.) Next Meeting

- 6.1) We will hold a conference call **April 9 @ 10:00 CDT.**
- 6.2) The Statistical Group will meet in Detroit 04/21/09 & if needed 04/22/09.
- 6.3) The SP will meet in Detroit 04/22/09 @ 1:00 & 04/23/09 @ 9:00 - ?, please note **we will not be meeting at GM** I am in the process of getting a meeting room.

7.) Meeting Adjourned

ATTACHMENT

TWO

ASTM SEQUENCE VI SURVEILLANCE PANEL

Conference Call 04/02/09

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	
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	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	
Robert Stockwell	ConocoPhillips Lubricants R&D Passenger Car Engine Oil	office 580-767-6894 Robert.T.Stockwell@conocophillips.com	

