

Issued: September 05, 2012
Reply to: Dan Worcester
Southwest Research Institute
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These are the unapproved minutes of the 08.23.2012 Sequence VI Task Force meeting.

The meeting was called to order at 10:00 AM Central Daylight Time by Chair Dave Glaenzer.

Agenda

The Agenda is included as **Attachment 1**.

1.0 Roll Call

The Attendance list **Attachment 2**.

2.0 Approval of minutes

2.1. Approval of the minutes of the 07.31.2012 Conference Call.

The minutes were approved unanimously.

3.0 Action Item Review

3.1. TMC to conduct engine coolant flow calibration round robin with meter supplied by Afton.

This item is complete.

3.2. ExxonMobil to generate list of ECM data that would be desirable to monitor and record.

This item is still open.

4.0 Old Business

4.1. None.

5.0 New Business

5.1. **Section 10.2.3 Coolant Flow Measurement System.**

MOTION Recommend to the VI Surveillance Panel the following change to coolant flow calibration:
10.2.3 Coolant Flow Measurement System—Calibrate the flow measurement device as installed in the system at the test stand, every 6 months. Calibrate the stand flow measurement device with a suitable flow measurement device using 100% water as the calibration media. Calibrate the flow measurement device used for calibration of the stand flow measurement device every 12 months using 100% water as the calibration media and shall be NIST traceable.

Charlie Leverett/Jason Bowden Approved unanimous.

Note, this will also be brought to the next SP meeting as an item for the VID test.

5.2 Section A8.2.7 Running oil pan level

All data is on the dealer installed engines. No lab has installed the new VIE engine yet. SwRI presented data that with the #10 oil lines on the suction side, oil level remains within the current VID procedure specification. Three labs have converted to the recommended #12 oil line size and need about 500 ml more oil. GM indicated this engine was designed to run with a greater oil charge. Solutions discussed were a larger block or to add 500 ml to the current oil charge. As noted by Jim Linden, the 500 ml was removed during VID development to get severity similar to field data.

ACTION OHT will review the drawings to see if the block size can be increased.

ACTION Intertek will add 500 ml to the charge and run a reference oil that has data on the new engine with the #12 lines installed.

5.3 This group will be dissolved at the Surveillance Panel with the completion of the report.

ACTION Dave Glaenzer will generate a report to the Surveillance Panel to be distributed prior to the next meeting.

6.0 Next Meeting

The next call will be after Intertek has generated data with the increased oil charge.

7.0 Meeting Adjourned

The meeting adjourned at 10:25AM Central Daylight Time.

Sequence VI Test Quality TF Teleconference

August 23, 2012

11:00 EDT

Call-in Number: 866-817-9787

Participant Passcode: 2158089

Non-Toll Free: 203-320-3489

Agenda

1) Attendance

2) Approval of minutes

2.1) Approve the minutes from July 31, 2012

3) Action Item Review

3.1. TMC to conduct engine coolant flow calibration round robin with meter supplied by Afton. Complete

3.2. ExxonMobil to generate list of ECM data that would be desirable to monitor and record. Mosher report

4) New or Additional Areas of Concern

4.1 Section 10.2.3 Coolant Flow Measurement System. Leverett

4.2 Section A8.2.7 Running oil pan level

4.3 New Items?

4.4 Glaenzer Report to Surveillance Panel to be distributed prior to next Surveillance Panel meeting.

4.5 Dissolution of Task Force.

5) Meeting Adjourned

VID T.F. Teleconf. 08/23/2012

ASTM SEQUENCE VI

Name	Address	Phone/Fax/Email	Attendance
Jason Bowden Voting Member	OH Technologies, Inc. P.O. Box 5039 Mentor, OH 44061-5039	Phone: 440-354-7007 Fax: 440-354-7080 <u>jhbowden@ohtech.com</u> <i>Rep by MATT</i>	
Timothy Caudill Voting Member	Ashland, Inc. 21st and Front Streets Ashland, KY 41101	Phone: 606-329-5708 Fax: 606-329-3009 <u>Tlcaudill@ashland.com</u>	
David Glaenzer Voting Member	Afton Research Center 500 Spring Street Richmond, VA 23218	Phone: 804-788-5214 Fax: 804-788-6358 <u>Dave.Glaenzer@aftonchemical.com</u>	✓
Rich Grundza Voting Member	ASTM TMC 6555 Penn Ave. Pittsburgh, PA 15206-4489	Phone: 412-365-1034 Fax: 412-365-1047 <u>reg@astmtmc.cmu.edu</u>	✓
Charlie Leverett Voting Member	Intertek Automotive Research 5404 Bandera Road San Antonio, TX 78238	Phone: 210-647-9422 Fax: 210-523-4607 <u>charlie.leverett@intertek.com</u>	✓
Jim Linden Voting Member	Toyota	<u>lindenjim@hotmail.com</u>	✓
Bruce Matthews Voting Member	GM Powertrain Engine Oil Group Mail Code: 483-730-472 823 Joslyn Rd	Pontiac, MI 48340 Phone: 248-830-9197 <u>bruce.matthews@gm.com</u>	✓
Timothy Miranda Voting Member	BP Castrol Lubricants USA 1500 Valley Road Wayne, NJ 07470	Phone: 973-305-3334 <u>Timothy.Miranda@bp.com</u>	
Nathaniel Moles Voting Member	Lubrizol 29400 Lakeland Blvd. Wickliffe, OH 44092	Phone: (440) 347-4472 <u>Nathaniel.Moles@Lubrizol.com</u>	✓
Mark Mosher Voting Member	ExxonMobil 600 Billingsport Road Paulsboro, NJ 08066	Phone: 856-224-2132 Fax: 856-224-3628 <u>mark_r_mosher@exxonmobil.com</u>	
Andy Ritchie Voting Member	Infineum 1900 East Linden Ave. Linden, NJ 07036-0735	Phone: 908-474-2097 Fax: 908-474-3637 <u>Andrew.Ritchie@infineum.com</u>	

ASTM SEQUENCE VI

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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	
Mark Sutherland Voting Member	Chevron Oronite Company LLC 4502 Centerview Ste. 210 San Antonio, TX 78228	Phone: 210.731.5605 Fax: 210.731.5621 msut@chevrontexaco.com	
Haiying Tang Voting Member	Chrysler	HT146@Chrysler.com Tel: 248-512-0593	
Dan Worcester Voting Member	Southwest Research Institute (SwRI) 6220 Culebra Road San Antonio, TX 78228	Phone: 210.522.2405 dan.worcester@swri.org	✓

Guests

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Jerry Brys	Jerome.brys@lubrizol.com	Lubrizol	✓
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Robert Stockwell	<u>Robert.Stockwell@GM.com</u> Phone: 210.563.0785	GM	✓
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Scott Stap	<u>Scott.stap@tgdirect.com</u>	TG Direct	
Dwight Bowden	<u>dhbowden@ohtech.com</u>	OHT	
Matt Bowden	<u>mjbowden@ohtech.com</u>	OHT	✓
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William Buscher	<u>wbuscher@swri.edu</u>	SwRI	

Voting for JASON

~~Lee~~

~~GM~~

Liping Wang

GM

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