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These are the unapproved minutes of the 01.23.2012 Sequence VI Surveillance Panel Conference Call.

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The meeting was called to order at 9:00 AM by Chairman Charlie Leverett.

#### Agenda

The Agenda is the 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 01.10.2012 Conference Call.

Motion – Accept the minutes of the 01.10.2012 VID SP CC. Unanimous. Charlie Leverett, Rich Grundza second.

### 3.0) Action Item Review

- 3.1 OHT to report VID engine usage and expected depletion date at all Surveillance Panel meetings. **Will be on-going.** There are 46.
- 3.2 Labs will review to see if the same data files as requested 11/30/11 on the 2012 engines can be supplied on one recent or future reference test for comparison. This is complete.
- 3.3 GM will report on its findings regarding the failed SwRI engine to the SP when available. This will be available later.
- 3.4 GM to send 2012 engine to Lubrizol in 2011 and send Afton a 2012 engine toward mid-January 2012. Lubrizol is running break in, Afton is installing gears.
- 3.5 GM to report to the SP what the last date of purchase for 2012 LY7 engines at the next SP meeting. The last date is 04.15.2012.
- 3.6 Rich Grundza will ask the reference oil suppliers whether they would allow the oil analysis tests mentioned above to be run on their reference oils. It is acceptable to analyze oil. Charlie will send an email for this effort.
- 3.7 Engine Build Task Force will review build options for the current VID engines. This group is on hold for more data on the running 2012 engines.

### 4.) Old Business

4.1) There is no old business.

### 5.) New Business

- 5.1 Review outcome of the first two tests on RO-542 and determine if we should run additional reference oils.
  - 5.1.1 There was considerable discussion on this topic.
  - 5.1.2 The big question is how much data is needed for the industry to make a decision on purchasing the 2012 engines for future VID testing. IAR and SwRI feel this engine will provide acceptable response and separation of oils.
  - 5.1.3 A matrix will be required to develop the engines once stand improvements are completed.
  - 5.1.4 OHT will send out a survey to determine the number of 2012 engines needed by labs.

- 5.1.5 IAR and SwRI will complete the 1010 runs on their current engines.
- 5.1.5 GM will check to see if the cam gears could be installed during assembly.
- 5.2 Dave's comments on his operational data study.
  - 5.2.1 Discussion is that the oil lines per the procedure, either size 8 or 10 restrict the oil flow on the VID engine.
  - 5.2.2 There are also differences in coolant circulation.
  - 5.2.3 Charlie recommends no changes and hold these changes for GF-6.
  - 5.2.4 Dave Glaenzer will be the Chair of a Task Force for stand improvements.
  - 5.2.5 His presentation is Attachment 3.
- 5.3) The SP needs to determine if the Engine Build Task Force needs to be reactivated and when.

### 6.) Next Meeting

At the call of the chairman, after SwRI and IAR complete their 541 reference runs.

### 7.) Meeting Adjourned

The meeting adjourned at 9:37 AM.

Charlie Leverett, Rich Grundza second.

### Sequence VI Surveillance Panel conference Call January 23 @ 09:00 CST

Call in #: 800-391-9177 Pass Code: 4875645502

### **Agenda**

- 1.0) Roll Call
- 2.0) Approval of minutes
- 2.1) Approve the minutes from the 01/10/2012 Sequence VI Surveillance Panel conference call.

### 3.0) Action Item Review

- 3.1 OHT to report VID engine usage and expected depletion date at all Surveillance Panel meetings. **46 as-of 01/10/12**
- 3.2 Labs will review to see if the same data files as requested 11/30/11 on the 2012 engines can be supplied on one recent or future reference test for comparison. **Done**
- 3.3 GM will report on its findings regarding the failed SwRI engine to the SP when available.
- 3.4 Update from Lubrizol and Afton on their 2012 engines.
- 3.5 GM to report to the SP what the last date of purchase for 2012 LY7 engines. **Stated as March on 01/10/12**
- 3.6 Rich Grundza will ask the reference oil suppliers whether they would allow the oil analysis tests mentioned above to be run on their reference oils. **As-of 1/10/12 TMC still needed one response from oil supplier.**
- 3.7 Engine Build Task Force will review build options for the current VID engines. **We will discuss in detail in "New Business".**

### 4.) Old Business

4.1) None

#### 5.) New Business

5.1 Review outcome of the first two tests on RO541 and determine if we should run additional reference oils.

- 5.2 Dave's comments on his operational data study.5.3)The SP needs to determine if the Engine Build Task Force needs to be re-activated and when.

# 6.) Next Meeting

Call of the chairman

# 7.) Meeting Adjourned

# ASTM SEQUENCE VI SURVEILLANCE PANEL

Nama	Address		Attondones
Name	Address	Phone/Fax/Email	Attendance
<u> </u>	TOUT I I I I	DI	la coast
Bowden, Jason	OH Technologies, Inc.	Phone: 440-354-7007	Present with Dwight
Voting Member	P.O. Box 5039	Fax: 440-354-7080	and Matt
	Mentor, OH 44061-5039	dhbowden@ohtech.com	
Bruce Matthews	GM Powertrain Engine Oil Group	Pontiac, MI 48340: 248-830-9197	Present with Matt,
Voting Member Andy Ritchie	Mail Code: 483-730-472	bruce.matthews@gm.com	Don, Eric and Kevin
	823 Joslyn Rd	Si decimatario ne e gimecim	Bon, End and Horn
	Infineum	Phone: 908-474-	Gordon proxy for
Voting Member	1900 East Linden Ave.	Fax: 908-474-3637	
		rax. 900-474-3037	Andy; Buck
	Linden, NJ 07036-0735	BI 040.045.4000	
Ron Romano Voting Member	Ford Motor Company	Phone: 313-845-4068	
	21500 Oakwood Blvd	rromano@ford.com	
	POEE Bldg Rm DR 167 MD 44		
	Dearborn, MI 48121-2053		
Leverett, Charlie	Intertek Automotive Research	Phone: 210-647-9422	Present
Voting Member	5404 Bandera Road	Fax: 210-523-4607	
	San Antonio, TX 78238	charlie.leverett@intertek.com	
Grundza, Rich	ASTM TMC	Phone: 412-365-1034	Present
Voting Member	6555 Penn Ave.	Fax: 412-365-1047	1 Tesent
	Pittsburgh, PA 15206-4489	Dml@tmc.astm.cmri.cmu.edu	
Miranda, Timothy Voting Member	BP Castrol Lubricants USA	Phone: 973-305-3334	
	1500 Valley Road	Timothy.Miranda@bp.com	
	Wayne, NJ 07470		
Mosher, Mark	ExxonMobil	Phone: 856-224-2132	Present
Voting Member	600 Billingsport Road	Fax: 856-224-3628	
	Paulsboro, NJ 08066	mark_r_mosher@exxonmobil.com	
Caudill, Timothy	Ashland, Inc.	Phone: 606-329-5708	
Voting Member	21st and Front Streets	Fax: 606-329-3009	
	Ashland, KY 41101	Tlcaudill@ashland.com	
Dan Managatan			December 14th Dill
Dan Worcester Voting Member	Southwest Research Institute (SwRI)	Phone: Fax:	Present with Bill
	6220 Culebra Road	dan.worcester@swri.org	
	San Antonio, TX 78228		
Szappanos, George Voting Member	Lubrizol	Phone: 440-347-	Jerry Brys proxy for
	29400 Lakeland Blvd.	Fax: 440-347-4096	George; Chris
	Wickliffe, OH 44092	George.Szappanos@lubrizol.com	
Glaenzer, David Voting Member	Afton Research Center	Phone: 804-788-5214	Present with Todd
	500 Spring Street	Fax: 804-788-6358	and Bob
	Richmond, VA 23218		
	Tricimienta, V/Y 20210		
Sutherland, Mark	Chevron Oronite Company LLC	Phone: 210-731-5605	Jo proxy for Mark
Voting Member	4502 Centerview Ste. 210	Fax: 731-5621	JO PIOXY IOI Mark
	San Antonio, TX 78228	msut@chevrontexaco.com	
	Occasion Division In the Company	. (" 500 707 0004	
	ConocoPhillips Lubricants R&D	office 580-767-6894	_
Robert Stockwell	Passenger Car Engine Oil	Robert.T.Stockwell@conocophilli	Present
Voting Member		ps.com	
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Tracy King	Chrysler	tek1@chrysler.com	
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	Toyota		
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# Comparison of Stabilization Data

BLB2 & 16 Hour RO 542 Labs A & G

RO 542 Stabilization Data

1













































































