

Sequence VIII Surveillance Panel Meeting Agenda
Southwest Research Institute
Building 209 CR 103
San Antonio, Texas
Wednesday April 3, 2013
2:00 PM to 4:00 PM

Minutes from the ASTM Sequence VIII Surveillance Panel Meeting
Held April 2, 2013 at SwRI

These minutes follow the agenda items, a copy of the agenda is shown in Attachment #1.

1. Fred welcomed everyone to the meeting.
2. The chairman called for any membership changes and these were as follows: Jason Bowden replaces Dwight as the voting member for OHT. Tracey King was added as the voting member for Haltermann. Jerry Brys will replace George as the Lubrizol voting member. Adam Sworski will replace Tim Caudill for Ashland. The attendance list is shown in Attachment #2.
3. Bill Buscher was the Motion and Action Item Recorder, these are shown in Attachment #3.
4. The meeting minutes from March 28, 2012 were accepted as-is.

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5. CPD Report was presented by Zack Bishop which included discussion on reconditioned Camshafts and the replace rings that will be coming from TEI. The TEI report is shown in Attachment # 4.
6. The TMC Report was presented by Rich a summary is shown in Attachment #5, the full report may be viewed at:
<ftp://ftp.astmtmc.cmu.edu/docs/gas/sequenceviii/semiannualreports>
7. New Business
 - a. Discussion of some low viscosity engine oils not meeting test oil pressure specification – The outcome was Fred would form a Task Force to determine a method to control oil pressure so the low viscosity oil can be run for GF-6.
8. Review of Scope and Objectives – Shown in Attachment #6.
9. Next Meeting will be at the call of the chairman

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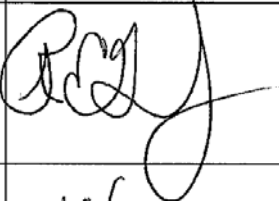

Attachment #1

Agenda






1. Welcome
2. Membership Changes
3. Motion and Action Item Recorder
4. Acceptance of meeting minutes from March 28, 2012 meeting.
5. CPD Report
 - a. Test bearing availability
 - b. Critical parts availability – crankshafts, connecting rods, camshafts
6. TMC Report
 - a. Industry severity and precision trends
 - b. Reference oil inventory
7. New Business
 - a. Discussion of some low viscosity engine oils not meeting test oil pressure specification
 - b. Discussion of possibly using reconditioned camshafts
 - c. Reference oil?
8. Review of Scope and Objectives
9. Next Meeting
10. Adjournment

Attachment #2

**ASTM SEQUENCE VIII SURVEILLANCE PANEL
VOTING MEMBERSHIP ATTENDANCE RECORD**

Name	Address	Attendance
Bowden, Dwight <i>SASAW</i>	OH Technologies, Inc. P.O. Box 5039 Mentor, OH 44061-5039 Phone: 440-354-7007 Fax: 440-354-7080 dhwbowden@ohotech.com	
Buscher, Jr., Bill	Buscher Consulting Services P.O. Box 112 Hopewell Jct., NY 12533 Phone: 845-897-8069 Fax: 845-897-8069 BuschWA@aol.com	
Caudill, Timothy	Valvoline 21st and Front Streets Ashland, KY 41101 Phone: 606-329-1960 ext 5708 Fax: 606-329-2044 Ticaudill@ashland.com	
Gerhart, Fred	Southwest Research Institute 6220 Culebra Road P.O. Box 28510 San Antonio, TX 78228-0510 Phone: 210-522-3842 Fax: 210-684-7523 fgerhart@swri.org	
Glaenger, David	Afton Chemical 500 Spring Street P.O. Box 2158 Richmond, VA 23218 Phone: 804-788-5214 Fax: 804-788-6358 Dave.Glaenger@aftonchemical.com	
Grundza, Rich	ASTM/TMC 6555 Penn Ave Pittsburgh, PA 15206-4489 Phone: 412-365-1031 Fax: 412-365-1047 reg@astmtmc.cmu.edu	
King, Tracey	Haltermann Solutions 2296 Hulett Okemos, MI 48864 Phone No: 947-517-4107 Fax No: tking@jhaltermann.com	

**ASTM SEQUENCE VIII SURVEILLANCE PANEL
VOTING MEMBERSHIP ATTENDANCE RECORD**

Name	Address	Attendance
Knight, Clayton	Test Engineering Inc. 12718 Cimarron Path San Antonio, TX 78249-3423 Phone: 210-690-1958 Fax: 210-690-1959 cknight@tei-net.com	
Kowalski, Teri	Toyota Motor North America, Inc. 1555 Woodridge Ann Arbor, Mi 48105 Phone: 734-995-4032 Cell: 734-355-8082 Fax: 734-995-9049 teri.kowalski@tema.toyota.com	
Leverett, Charlie	Intertek 5404 Bandera Road San Antonio, TX 78238 Phone: 210-647-9422 Fax: 210-523-4607 charlie.leverett@perkinelmer.com	
Matthews, Bruce	GM Powertrain Mail Code 483-730-472 823 Jocyn Avenue Pontiac, MI 48340 Phone: 248-830-9197 Fax: 248-857-4441 bruce.matthews@gm.com	
Tang, Haiying	Chrysler Phone: Fax: ht146@chrysler.com	
Martinez, Jo	Chevron Oronite Company LLC 100 Chevron Way, 60-1211 P.O. Box 1627 Richmond, CA 94802-0627 Phone: 510-242-5563 Fax: 510-242-1930 jogm@chevronte.com	
Miranda, Timothy	BP Lubricants USA 1500 Valley Rd Wayne, NJ 07470 Phone: 973-305-3334 Fax: 973-686-4039 Timothy.Miranda@BP.com	

Name	Address	Attendance
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Ramono, Ron	Ford Motor Company Diagnostic Service Center II Room 410 1800 Fairlane Drive Allen Park, MI 48101 Phone: 313-845-4068 Fax: 313-323-8042 rromano@ford.com	
Ritchie, Andy	Infineum P.O. Box 735 1900 East Linden Ave. Linden, NJ 07036-0735 Phone: 908-474-2097 Fax: 908-474-3637 andrew.ritchie@infineum.com	On Conf. Line
Szappanos, George JERRY BRYE	Lubrizol Corporation 29400 Lakeland Blvd. Wickliffe, OH 44092 Phone: 440-347-2631 Fax: 440-347-4096 George.Szappanos@lubrizol.com	JAB

BISHOP, ZACK

TEI

Zack

Adam Sworski

Valvoline

Adam Sworski

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Doyle Boese

Infineum

DAB

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**ASTM SEQUENCE VIII SURVEILLANCE PANEL
NON- VOTING MEMBERSHIP and GUESTS ATTENDANCE RECORD**

Name	Address	Phone/Fax/Email	Attendance
BILL BUSCHER	Swri	210-522-6802 wbuscher@swri.edu	WAB
ROBERT STOCKWELL	Gm	210-563-0785 ROBERT.STOCKWELL@ Gm.com	RTS
CHRIS CASTANIEU	LZ	440 347 2973 CCA@LUBRIZOL.com	CC
Jessica Buchanan	LZ	440 347 1207 Jebc@Lubrizol.com	JB
Nathan Niles	LZ	440 347 4472 naml@lubrizol.com	nl
Ed Altman	Afton 101 W. Byrd St. Richmond VA 23219	804-788-5279 Ed.Altman@Aftonchemical.com	EA
(CHRISTIAN) PORTER	AFTON CHEMICAL 101 W BYRD ST. RICHMOND VA, 23230	804-788-5837 CHRISTIAN.PORTER@ AFTONCHEMICAL.COM	HCVP
Jeff Clark	TMC	jac@astmtmc.cmu.edu 412.365.1032	J4e

Attachment #3

Sequence VIII Surveillance Panel

April 3, 2013

1:00PM – 3:00PM

Southwest Research Institute

San Antonio, TX

Motions and Action Items

As Recorded at the Meeting by Bill Buscher

1. Action Item – Labs to save and return to TEI any worn out camshafts for remanufacturing.
2. Action Item – Labs to check the camshaft bore and lifter bore geometry of their in service engines.
3. Motion – Approve the TEI remanufactured camshaft for use in the VIII test. Labs to introduce the remanufactured camshaft with an acceptable calibration test.

Charlie Leverett / Fred Gerhart / Passed Unanimously 12-0-0

4. Action Item – TEI and the TMC to work together to devise a unique identifier for the remanufactured camshaft.
5. Motion – Approve rings manufactured by Hastings as an acceptable replacement for the rings previously manufactured by Perfect Circle in the VIII

test. A lab to introduce the Hastings rings with an acceptable calibration test, once the Perfect Circle rings have been depleted within that lab.

Fred Gerhart / Adam Sworski / Passed 11-0-1

6. Action Item – TEI and the TMC to work together to devise a unique identifier for the Hastings rings.
7. Action Item – TMC to modify the VIII report forms to include the piston ring identifier and new camshaft identifier (if necessary).
8. Action Item – Labs to consider running a prove-out test on the Hastings rings prior to depleting the Perfect Circle rings.
9. Action Item – Form a task force including the three labs to investigate the feasibility of utilizing an external oil pump in the VIII test.
10. Action Item – TMC to investigate a potential new VIII reference oil that was supplied within the last couple of years.

Attachment #4



CPD Report to
Sequence VIII Surveillance Panel
April 3, 2013



100034-1 Connecting Rod Bearings
Batch 09/10

444 Sets Stored in argon at TEI

According to historic usage we have more than a
5 year supply Left

2



Discussed with Paul Overas from federal mogul
concerning the ability to produce lead based bearings in
the future. He did not foresee any problems.



8211 Labeco Camshafts

3 New Camshafts in stock

3 Used Camshafts in stock

Inventory should last thru life of test

4



41274 SDT Ring Set

The vendor that TEI had used to purchase these Rings is no longer in business. We have located a new vendor and furnished them with prints. We received a new supply that meets the ring specs. A few samples have been sent over to SwRI for review and will need panel approval before they are sold for use.



2013 Annual Solicitation Order

Solicitation Letters for Labeco annual parts order were mailed out to the labs in mid January 2013 and are in process of being filled.

Attachment #5

VIII TMC Summary

As-of 03/31/13 there were 2 Labs and 3 Stands.

We had 3 acceptable tests and 1 operationally invalid tests

Concerning Test Severity

BWL is in severe warning alarm.

Stripped Viscosity in control.

Attachment #6

SEQUENCE VIII SURVEILLANCE PANEL SCOPE AND OBJECTIVES

SCOPE

The Sequence VIII Surveillance Panel is responsible for the surveillance of the Sequence VIII test procedure (ASTM D 6709-11). This panel works in conjunction with Test Engineering Inc. (TEI) who supplies the test hardware. Improvements in the test operation, test monitoring, and test validation will be accomplished through continual communications with the test hardware supplier, the ASTM Test Monitoring Center, the Technical Guidance Committee, and the ACC Monitoring Agency. The panel will maintain an up-to-date evaluation of the precision of the VIII reference oils and will report this precision and test severity levels to D02.BO.01 Oil Classification Panel and section. These combined efforts will help to assure that the Sequence VIII test method will continue to provide the industry with a precise method for evaluating a lubricant's ability to protect against copper-lead bearing weight loss and to evaluate the viscosity stability of multi-viscosity-grade oils.

OBJECTIVES

CPD to contact Federal Mogul on an annual basis about viability of continued bearing production and report back to SP chair.	Ongoing
Request reference oils with performance close to 26mg TBWL	Ongoing