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Committee D02 on PETROLEUM PRODUCTS AND LUBRICANTS

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Reply to: Jeff Clark
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Sequence III Surveillance Panel Unapproved Conference Call Meeting Minutes

1.0) Membership

1.1) The meeting attendance is shown in **Attachment 1**.

2.0) Oil Cooler Coolant “Treatment”

Bruce Matthews of GM requested this meeting to discuss oil cooler coolant treatment. Prior to the meeting, Bruce requested information (**Attachment 2**) from the labs regarding their setups. Bruce was concerned that Sections 6.3 and 6.10 were not being followed. Specifically, GM was not notified of changes to the labs' systems that, by procedure, must first be approved. He was also concerned by the variability in RO 1010 and UEB results.

Bruce asked several questions as to “How did we get into this mess?” Bruce stated that the panel has not been adequately documenting changes to the procedure. If the procedure is not correct, then the panel needs to address the issue as a whole as opposed to labs making changes on their own. He commented that just because the procedure doesn’t explicitly forbid something, it should not be viewed to mean that the procedure allows it.

Bruce then withdrew his objection to oil cooler coolant treatment, and instead will work with the previously formed TF (chaired by Greg Seman) to change the wording of 6.10 so that procedure wording is not “nebulous” but is more specific.

Several comments during the discussion that followed:

- Dwight Bowden commented that the disbanding of the O&H Panel may have been a mistake, and that test methods are no longer receiving the scrutiny that they should.

- Andy Ritchie commented that the VG has decided to re-establish the O&H panel and suggested that it may be a good idea for all panels. Dave Glaenzer commented that in the past, O&H panels got so large that they were hard to distinguish from the regular surveillance panel. It was agreed that an O&H should only be labs, hardware suppliers, test sponsor and TMC.

- It was commented that FIFO is not mandatory for the IIIG and Dwight Bowden encouraged the industry to re-adopt this as a best practice.

- Charlie Leverett commented that he preferred the ‘task force’ approach as it is easier to limit the group size and scope, the TF can be lead by someone with drive, and that the O&H chairs tended to be overly burdened.

- Dave Glaenzer, Bruce Matthews, and Rich Grundza will evaluate which approach, O&H or Task Force, may be more feasible in the future. It was also commented that moving meeting locations may facilitate broader industry review of operations.

- Pat Lang stated that the panel had previously approved running the coolant flow from 12 Lpm to approximately 12 Lpm. Once done, the panel never came back to re-address the issue.

At the conclusion of the discussion relative to the oil cooler coolant treatment, it was decided that the Task Force will work forward from the information that was provided to Bruce Matthews. Dwight Bowden requested that information be distributed to the panel.

3.) Parts Cleaning

Charlie Leverett moved that the panel continue keeping the torque plates and block-off plates on during the cleaning process (the motion was withdrawn following the discussion). Ed Altmann commented that he felt it may be a mistake to make a decision until another way to clean the block is determined. No consensus was reached and this item was left open and item 4 of the recommendations (see June 2 meeting minutes) should be followed as currently written (the plates are not removed). Dave Glaenzer will add this to surveillance business for future meetings.

4.) Camshafts

Rich Grundza noted that there have recently been multiple successful reference tests run on reground batch J camshafts.







The meeting adjourned at approximately 2:40 pm.

Attachment 1

Name/Address	Phone/Fax/Email	Voting Member	Signature
Ed Altman Afton Chemical Corporation 500 Spring Street Richmond, VA 23219 USA	804-788-5279 804-788-6358 ed.altman@aftonchemical.com	Voting Member	Present <input checked="" type="checkbox"/>
Art Andrews ExxonMobil Products Research 600 Billingsport Rd. Paulsboro, NJ 08066 USA	856-224-3013 arthur.t.andrews@exxonmobil.com	Non-Voting Member	Present <input type="checkbox"/>
Zack Bishop Test Engineering, Inc. 12718 Cimarron Path San Antonio, TX 78249-3423 USA	210-877-0223 210-690-1959 zbishop@tei-net.com	Non-Voting Member	Present <input checked="" type="checkbox"/>
Doyle Boese Infineum 1900 E. Linden Avenue Linden, NJ 07036 USA	908-474-3176 908-474-3637 doyle.boese@infineum.com	Non-Voting Member	Present <input type="checkbox"/>
Adam Bowden OH Technologies, Inc. 9300 Progress Parkway P.O. Box 5039 Mentor, OH 44061-5039 USA	440-354-7007 440-354-7080 adbowden@ohtech.com	Non-Voting Member	Present <input checked="" type="checkbox"/>
Jason Bowden OH Technologies, Inc. 9300 Progress Parkway P.O. Box 5039 Mentor, OH 44061-5039 USA	440-354-7007 440-354-7080 jhbowden@ohtech.com	Voting Member	Present <u>Proxy held by</u> <u>Adam Bowden</u>
Dwight H. Bowden OH Technologies, Inc. 9300 Progress Parkway P.O. Box 5039 Mentor, OH 44061-5039 USA	440-354-7007 440-354-7080 dhbowden@ohtech.com	Non-Voting Member	Present <input checked="" type="checkbox"/>

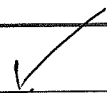



ASTM Sequence III Surveillance Panel (17 Voting members)

date:

Name/Address	Phone/Fax/Email		Signature
Matt Bowden OH Technologies, Inc. 9300 Progress Parkway P.O. Box 5039 Mentor, OH 44061-5039 USA	440-354-7007 440-354-7080 mjbowden@ohotech.com	Non-Voting Member	Present 
Jerome A. Brys Lubrizol Corp. 29400 Lakeland Blvd. Wickliffe, Ohio 44092 USA	440 347-2631 jerome.brys@lubrizol.com	Non-Voting Member	Present 
Bill Buscher III Southwest Research Institute 6220 Culebra Road P.O. Box 28510 San Antonio, TX 78228 USA	210-522-6802 210-684-7523 william.buscher@swri.org	Non-Voting Member	Present 
Bob Campbell Afton Chemical Corporation 500 Spring Street Richmond, VA 23219 USA	804-788-5340 804-788-6358 bob.campbell@aftonchemical.com	Non-Voting Member	Present 
James Carter Haltermann Solutions 2296 Hulett Rd. Okemos, MI 48864 USA	517-347-3021 517-347-1024 jecarter@jhaltermann.com Cell: 517-896-0897	Voting Member	Present _____
Chris Castanien The Lubrizol Corporation 29400 Lakeland Boulevard Wickliffe, OH 44092 USA	440-347-2973 440-944-8112 cca@lubrizol.com	Non-Voting Member	Present 
Timothy L. Caudill Ashland Oil Inc. 22 nd & Front Streets Ashland, KY 41101 USA	606-329-1960 x5708 606-329-2044 tlcaudill@ashland.com	Voting Member	Present 
Martin Chadwick Intertek Automotive Research 5404 Bandera Road San Antonio, TX 78238 USA	210-706-1543 210-684-6074 martin.chadwick@intertek.com	Non-Voting Member	Present _____

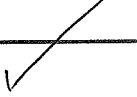


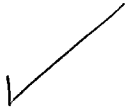

ASTM Sequence III Surveillance Panel (17 Voting members)

date:

Name/Address	Phone/Fax/Email		Signature
Jeff Clark Sequence III Secretary ASTM Test Monitoring Center 6555 Penn Avenue Pittsburgh, PA 15206 USA	412-365-1032 412-365-1047 jac@atc-erc.org	Non-Voting Member	Present 
Sid Clark Southwest Research 50481 Peggy Lane Chesterfield, MI 48047 USA	586-873-1255 Sidney.L.Clark@sbcglobal.net	Non-Voting Member	Present 
Todd Dvorak Afton Chemical Corporation P.O. Box 2158 Richmond, VA 23218-2158 USA	804-788- 6367 804-788- 6388 todd.dvorak@aftonchemical.com	Non-Voting Member	Present _____
Frank Farber ASTM Test Monitoring Center 6555 Penn Avenue Pittsburgh, PA 15206 USA	412-365-1030 412-365-1047 fmf@astmtmc.cmu.edu	Non-Voting Member	Present _____
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Joe Franklin Intertek Automotive Research 5404 Bandera Road San Antonio, TX 78238 USA	210-523-4671 210-523-4607 joe.franklin@intertek.com	Non-Voting Member	Present _____
David L. Glaenzer Afton Chemical Corporation 500 Spring Street P.O. Box 2158 Richmond, VA 23218-2158 USA	804-788-5214 804-788-6358 dave.glaenzer@aftonchemical.com Surveillance Panel Chairman	Non-Voting Member	Present 

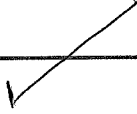





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date:

Name/Address	Phone/Fax/Email	Voting Member	Signature
Richard Grundza ASTM Test Monitoring Center 6555 Penn Avenue Pittsburgh, PA 15206 USA	412-365-1031 412-365-1047 reg@astmtmc.cmu.edu	Voting Member	Present 
Jeff Kettman GM Racing 5388 Hill 23 Drive Flint, MI 48507 USA	313-667-0493 313-319-0139 – cell jeff.kettman@gm.com	Non-Voting Member	Present _____
Tracey King Chrysler LLC 800 Chrysler Drive CIMS 482-00-13 Auburn Hills, MI 48326-2757 USA	248-576-7500 248-576-7490 tek1@chrysler.com	Voting Member	Present _____
Clayton Knight Test Engineering, Inc. 12718 Cimarron Path San Antonio, TX 78249-3423 USA	210-690-1958 210-690-1959 cknight@tei-net.com	Voting Member	Present _____ PROXY held by  ZACH BISHOP 
Teri Kowalski Toyota Motor North America, Inc. 1555 Woodridge Ann Arbor, MI 48105	734-995-4032 734-995-9049 teri.kowalski@tema.toyota.com	Non-Voting Member	Present _____
Patrick Lang Southwest Research Institute 6220 Culebra Road P.O. Box 28510 San Antonio, TX 78228 USA	210-522-2820 210-684-7523 plang@swri.edu	Voting Member	Present 
Charlie Leverett Intertek Automotive Research 5404 Bandera Road San Antonio, TX 78238 USA	210-647-9422 210-523-4607 charlie.leverett@intertek.com	Voting Member	Present 
Josephine G. Martinez Chevron Oronite Company LLC 100 Chevron Way Richmond, CA 94802 USA	510-242-5563 510-242-3173 jogm@chevrontexaco.com	Non-Voting Member	Present _____

ASTM Sequence III Surveillance Panel (17 Voting members)



date:

Name/Address	Phone/Fax/Email	Voting Member	Signature
Bruce Matthews GM Powertrain Mail Code 483-730-472 823 Jocyn Avenue Pontiac, MI 48340 USA	248-830-9197 248-857-4441 bruce.matthews@gm.com Test Sponsor Representative	Voting Member	Present 
Mike McMillan	mmcmillan123@comcast.net	Non-Voting Member	Present 
Timothy Miranda BP Castrol Lubricants USA 1500 Valley Road Wayne, NJ 07470 USA	973-305-3334 973-686-4039 Timothy.Miranda@bp.com	Voting Member	Present _____
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Bob Olree GM Racing 5388 Hill 23 Drive Flint, MI 48507 USA	248-689-3078 olree@netzero.net	Non-Voting Member	Present 
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Phil Rabbat BASF Corporation 500 White Plains Road Tarrytown, NY 10591-9005 USA	914-785-2217 914-785-3681 phil.rabbat@basf.com	Non-Voting Member	Present 

Name/Address	Phone/Fax/Email		Signature
Allison Rajakumar The Lubrizol Corporation Drop 152A 29400 Lakeland Blvd. Wickliffe, OH 44092 USA	440-347-4679 440-347-2014 Allison.Rajakumar@Lubrizol.com	Non-Voting Member	Present _____
Scott Rajala Idemitsu Lubricants America Corp. srajala@ilacorp.com		Non-Voting Member	Present _____
Andrew Ritchie Infineum 1900 East Linden Avenue P.O. Box 735 Linden, NJ 07036 USA	908-474-2097 908-474-3637 Andrew.Ritchie@Infineum.com	Voting Member	Present _____ ✓
Ron Romano Ford Motor Company Diagnostic Service Center II Room 410. 1800 Fairlane Drive Allen Park, MI 48101 USA	313-845-4068 313-32-38042 rromano@ford.com	Voting Member	Present _____
Jim Rutherford Chevron Oronite Company LLC 100 Chevron Way Richmond, CA 94802 USA	510-242-3410 510-242-3173 jaru@chevrontexaco.com	Non-Voting Member	Present _____
Philip R. Scinto The Lubrizol Corporation 29400 Lakeland Boulevard Wickliffe, OH 44092 USA	440-347-2161 440-347-9031 prs@lubrizol.com	Non-Voting Member	Present _____
Greg Seman The Lubrizol Corporation 29400 Lakeland Boulevard Wickliffe, OH 44092 USA	440-347-2153 440-347-4096 greg.seman@lubrizol.com	Voting Member	Present _____ Proxy held by Jerry BRYs

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date:

Name/Address	Phone/Fax/Email		Signature
Matt J. Snider GM Powertrain General Motors Corporation MC - 483-730-322 823 Joclyn Rd. Pontiac, MI 48090-9055 USA	248-672-3563 248-857-4441 mathew.j.snider@gm.com	Non-Voting Member	Present _____
Thomas Smith Valvoline P.O. Box 14000 Lexington, KY 40512-1400 USA	859-357-2766 859-357-7084 trsmith@ashland.com PCEOCP Chair	Voting Member	Present _____
Don Smolenski GM	248-255-7892 donald.j.smolenski@gm.com	Non-Voting Member	Present _____
Mark Sutherland Chevron Oronite Company LLC 4502 Centerview Drive Suite 210 San Antonio, TX 78228 USA	210-731-5621 210-731-5699 msut@chevrontexaco.com	Voting Member	Present _____ 
Joe Vujica The Lubrizol Corporation 29400 Lakeland Boulevard Wickliffe, OH 44092 USA	440-347-2057 440-347-4096 jsvu@lubrizol.com	Non-Voting Member	Present _____
Ben O. Weber Southwest Research Institute 6220 Culebra Road P.O. Box 28510 San Antonio, TX 78228 USA	210-522-5911 210-684-7530 bweber@swri.edu Sub-Committee D02.B01 Chair	Non-Voting Member	Present _____
Tom Wingfield Chevron Phillips Chemical Co.	wingftm@cpchem.com	Non-Voting Member	Present _____
<i>RAYMOND SMART</i>	<i>AFTON</i>	<i>N.V.</i>	

Attachment 2

From: bruce.matthews@gm.com [mailto:bruce.matthews@gm.com]
Sent: Monday, June 27, 2011 11:48 AM
To: Glaenzer, Dave
Subject: Could you schedule a SP conference call for 6-30-2011

Hi Dave,
could you schedule a conference call this Thursday, June 30, for the Sequence III Surveillance Panel?

I wish to discuss the Oil Cooler Coolant "Treatment" issue that was brought forward at the June SP meeting.

I also request each lab to provide me with the following information concerning the equipment used in the oil cooler coolant system before this conference call.

1. Provide a list from each Seq. III test stand of all equipment used in the oil cooler coolant system. List should name the component, its make, and model. List would consist of all component touched by the coolant including pump, flow meter, valves, size of coolant lines, and any heat exchanger.
2. When were each of these components put into service on each test stand?
3. Explain how your oil cooler coolant system controls to the 150C Oil Filter Block temperature.
4. What is the coolant flow rate?
5. What is the minimum temperature of this coolant?
6. Provide a schematic of this system showing all equipment including how it interacts with other systems on the Fluid Condition Module and with the test engine

Thanks
Bruce Matthews
Engine Oil Group
GM Powertrain
248-830-9197