

Oil Seal Compatibility Test (OSCT) Surveillance Panel Meeting Minutes

August 9, 2017

Don Bell

Participants:

Please see attached attendance list in Appendix.

An OSCT Surveillance Panel meeting was called to order by D. Bell at 11:30 am on 8/9/2017 via Webex at Performance Review Institute in Warrendale, PA.

The OSCT voting member list of eleven was reviewed with the Panel and deemed acceptable with sufficient industry representation. The attached attendance list was initialed by all attendees, and those who attended via Webex are highlighted on the attendance sheet.

A motion made by W. Venhoff and 2nd by J. Dharte was unanimously approved with a vote of 9 to approve the OSCT Surveillance Panel meeting minutes from 5/3/2017 that are posted on the TMC website.

There are multiple baths available at Labs B and C with no known issues for conducting ASTM D5662 testing. Lab G (no NI seal capability) has experienced issues with temperature drift, so are awaiting parts to resolve this issue. Lab G expects to be able to conduct PA or FL D5662 testing within the next week.

The polyacrylate (PA) slab inventory at Test Engineering Institute (TEI) as of 8/9/2017 was reviewed as follows:

- PA358: TEI sent out for 4th requalification testing, and TEI has 171 slabs
 - TMC only awaiting 160-1 re-run from lab G
 - PA359: Approved 6/15/2017, and TEI has 60 slabs
- PA360: TEI expects to receive ~200 slabs shortly and will distribute to all 3 labs qualification testing
- PA361: TEI ordered 6/19/2017

The fluoroelastomer (FL) slab inventory at TEI as of 8/9/2017 was reviewed as follows:

- FL403: Approved 3/22/2017, and TEI has 123 slabs
- FL404: Approved 7/17/2017, and TEI has 176 slabs
- FL405: TEI sent out for qualification testing to all labs on 4/25/2017, and TEI has 184 slabs

The nitrile (NI) slab inventory at TEI as of 8/9/2017 was reviewed as follows:

- NI348: TEI has 230 approved slabs

All three labs have completed D5662 testing on PA and FL with TMC 155-1 category reference oil as is required every September as per a motion at the 5/11/2016 Panel meeting to ensure D5662 stays well in-control. TMC compiled and graphed the TMC 155-1 data found in the Appendix from all three labs that was reviewed with the Surveillance Panel. The PA and FL data shows that all three labs met J2360 limits for volume %, elongation change, and shore hardness in TMC 155-1 industry reference oil. A motion made by D. Bell and 2nd by B. Grinfield was unanimously approved with 9 votes to accept the TMC 155-1 data as meeting J2360 limits, confirming all three labs are capable of conducting D5662 testing that meets J2360 limits with PA and FL seals.

TMC noted that TMC 160-1 PA and FL reference oil inventory is running low since they have <18 gallons (94 samples). One drum of TMC 160-1, now called TMC 171, has been blended by with an alternate base oil since the current one is no longer available. TMC distributed TMC 171 to all three labs to conduct 1 run each per elastomer with the new reference oil, along with a current reference oil, and report results to TMC. TMC will graph and distribute TMC 171 data to the Panel for approval when available from all 3 labs.

A motion made by D. Bell and 2nd by W. Venhoff to adjourn the OSCT meeting at 11:44 am on 8/9/2017 was unanimously approved.

Respectfully Submitted,

A handwritten signature in cursive script that reads "Don Bell". The signature is written in black ink and is positioned above the printed name.

Don Bell

Appendix

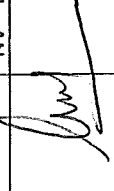
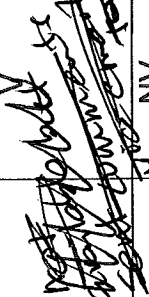






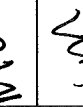
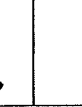
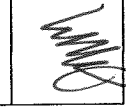
OIL SEAL COMPATIBILITY SURVEILLANCE PANEL

Date: 8/9/2017

Initials	V = Voting NV = Non-voting	Name	Company & Address	Phone / FAX / e-Mail
	NV	Nancy Aguirre	Intertek Automotive Research 5404 Bandera Road San Antonio, TX 78238	Phone: 210-647-9428 e-Mail: Nancy.AGUIRRE@Intertek.com
<i>RB</i>	V	Rob Banas	ExxonMobil Lubricants and Specialties 114 Arcadia Park Drive Canton, GA 30114	Phone: 678-493-3930 e-Mail: Rob.a.banas@exxonmobil.com
<i>DB</i>	V	Don Bell <i>Chairperson</i>	Afton Chemical Corp. 500 Spring Street Richmond, VA 23219	Phone: 804-788-6332 FAX: 804-788-6243 e-Mail: don.bell@aftonchemical.com
	NV	Brad BuBonic	The Lubrizol Corporation 29400 Lakeland Blvd. Wickliffe, OH 44092	Phone: 440-347-5325 e-Mail: Brad.bubonic@lubrizol.com
	V	Allen Comfort	US Army TACOM RDTA-DP/MS110 6501 E. 11 Mile Road Warren, MI 48307-5000	Phone: 586-282-4225 FAX: 586-282-4244 e-Mail: Allen.s.comfort@us.army.mil
<i>JH</i>	V	John Dharte	American Axle 1 Dauch Drive Detroit, MI 48211	Phone: 313-758-4687 FAX: 313-758-4237 e-Mail: dhartej@aam.com
<i>JD</i>	V	Vince Donndelinger	The Lubrizol Corporation 29400 Lakeland Blvd. Wickliffe, OH 44092	Phone: 440-347-6589 e-Mail: Vince.donndelinger@lubrizol.com
<i>ED</i>	NV	Eric Donovan	Afton Chemical Corp. 500 Spring Street Richmond, VA 23219	Phone: 804-788-5097 e-Mail: Eric.donovan@aftonchemical.com
	NV	Bridget Dwornick	US Army RDECOM/TARDEC RDTA-DP/210 MS 110 6501 E 11 Mile Road Warren, MI 48397-5000	Phone: 586-282-4221 FAX: 586-282-4244 e-Mail: Bridget.l.dwornick.civ@mail.mil
<i>BF</i>	NV	Brian Foecking	The Lubrizol Corporation 29400 Lakeland Blvd. Wickliffe, OH 44092	Phone: 440-347-2130 e-Mail: bjf@lubrizol.com

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	NV	Arjun Goyal	BASF 500 White Plains Road Tarrytown, NJ 10951	Phone: 914-785-2083 e-Mail: Arjun.goyal@basf.com
	NV	Rebecca Grinfield	Southwest Research Institute P.O. Drawer 28510 San Antonio, TX 78228-0510	Phone: 210-522-3652 FAX: 210-522-5907 e-Mail: bgrinfield@swri.org
	NV	Percy Kanga	ExxonMobil Research and Engineering 600 Billingsport Rd. Paulsboro, NJ 08066	Phone: 856-224-2094 FAX: 856-224-3613 e-Mail: Percy.r.kanga@exxonmobil.com
	NV	Bill Kearney	Afton Chemical Corp Southfield, MI	Phone: 248-350-0640 e-Mail: Bill.kearney@aftonchemical.com
	NV	Marc Keisler	Afton Chemical Corp. 500 Spring Street Richmond, VA 23219	Phone: 804-788-5617 e-Mail: Marc.keisler@aftonchemical.com
	V	Clayton Knight	Test Engineering Institute 12718 Cimarron Path San Antonio, TX 78249	Phone: 210-690-1958 FAX: 210-877-0228 e-Mail: cknight@tei-net.com
	NV	Dan Lancot	Test Engineering Institute 12718 Cimarron Path San Antonio, TX 78249	Phone: e-Mail: dlancot@tei-net.com
	V	Mike Lopez	Intertek Automotive Research 5404 Bandera Road San Antonio, TX 78238	e-Mail: mike.lopez@intertek.com
	NV	Vera Marsic	Lubrizol 29400 Lakeland Blvd. Wickliffe, OH 44092	Phone: e-Mail: Vera.marsic@lubrizol.com
	NV	Jeff Milner	Tianhe Chemical	Phone: 804-252-6928 e-Mail: jimilner@Tianhe.us.com
	V	Donna Mosher	BASF 100 Park Ave. Florham Park, NJ	Phone: 269-217-1715 e-Mail: Donna.mosher@basf.com

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Initials	V = Voting NV = Non-voting	Name	Company & Address	Phone / FAX / e-Mail
	NV	Robert Opperman	Meritor 2135 West Maple Rd. Troy, MI 48084	Phone: 248-435-1544 e-Mail: Robert.Opperman@meritor.com
<i>SP</i>	V	Scott Parke	ASTM Test Monitoring Center 6555 Penn Avenue Pittsburgh, PA 15206	Phone: 412-365-1033 FAX: 412-365-1047 e-Mail: sdp@astmtmc.cmu.edu
	V	Jule Rucker	Meritor 2135 West Maple Rd. Troy, MI 48084	Phone: 248-435-1430 e-Mail: Jule.Rucker@meritor.com
	NV	Eric Sattler	US Army TACOM RDTA-DP/MS110 6501 E. 11 Mile Road Warren, MI 48307-5000	Phone: 586-282-2272 e-Mail: Eric.r.sattler.civ@mail.mil
<i>AS</i>	NV	Dale Smith	Intertek Automotive Research 5404 Bandera Road San Antonio, TX 78238	Phone: 412-855-6854 e-Mail: Dale.smith@intertek.com
<i>AA</i>	NV	Angela Trader	Intertek Automotive Research 5404 Bandera Road San Antonio, TX 78238	Phone: 210-706-1533 e-Mail: Angela.trader@intertek.com
	NV	Chintan Ved	Ford 35500 Plymouth Road Livonia, MI 48150	Phone: 313-805-9495 e-Mail: cved@ford.com
<i>WV</i>	NV	Wes Venhoff	Lubrizol 29400 Lakeland Blvd. Wickliffe, OH 44092	Phone: Wes.venhoff@lubrizol.com e-Mail:
<i>AW</i>	NV	Rebecca Warden	Southwest Research Institute P.O. Drawer 28510 San Antonio, TX 78228-0510	Phone: 210-522-6266 e-Mail: Rebecca.Warden@SWRI.org
	NV	Khaled Zreik	General Motors	Phone: 248-977-9214 e-Mail: Khaled.zreik@gm.com

DU NV Derek Grosch TFI
Th.P NV Christian Drije LZ
AE NV Alex Ebner LZ
DB NV Dylan Beck ASTM TMC
alex.ebner@lubrizol.com
dj6@astm.org
astm.edu
dgrosche@tfs.com
tfi-net