

Oil Seal Compatibility Test (OSCT) Surveillance Panel Meeting Minutes

February 7, 2018

Don Bell

Participants:

Please see attached attendance list in Appendix.

An OSCT Surveillance Panel meeting was called to order by D. Bell at 11:01 am on 2/7/2018 via Webex at PRI in Warrendale, PA.

The OSCT voting member list of eleven was reviewed with the Panel and deemed acceptable with sufficient industry representation.

A motion made by V. Donndelinger and 2nd by B. Grinfield was unanimously approved with 8 votes to approve the OSCT Surveillance Panel meeting minutes from 11/8/2017 that are posted on the TMC website.

There are multiple baths available at Labs B, C and G with no known issues for conducting ASTM D5662 testing.

The polyacrylate (PA) slab inventory at Test Engineering Institute (TEI) as of 1/9/2018 was reviewed as follows:

- PA360: TEI has 267 slabs
 - For TMC 169 each lab has 1 acceptable result, but 1 unacceptable and 1 uninterpretable result with a vote of 3:1:1 making this acceptable overall for TMC 169
 - For TMC 160-1 labs C & G have acceptable results, but lab B has 2 unacceptable and 1 uninterpretable for a vote of 2-1-1 that is unacceptable for TMC 160-1
- PA361: TEI received ~289 slabs
 - Lab B has 2 uninterpretable results
 - Lab C is passing TMC 169 but failed 160-1 low on %vol
 - Lab G is passing TMC 169 but failed 160-1 high on elongation
- PA362: TEI recently sent out for qualification testing to all 3 labs

Since Lab B appears to be having difficulty qualifying new slabs of PA, they will carefully review their procedures to see if they can identify any issues.

The fluoroelastomer (FL) slab inventory at TEI as of 1/19/2018 was reviewed as follows:

- FL403: Approved 3/22/2017, and TEI has 28 slabs
- FL404: Approved 7/17/2017, and TEI has 116 slabs

- FL405: TEI has 184 slabs
 - Lab C: passing results
 - Lab B: status pending
 - Lab G: testing complete
- FL406: TEI has ~187 slabs
 - Each of the 3 labs has been asked to qualify this lot

The nitrile (NI) slab inventory at TEI as of 11/1/2017 was reviewed as follows:

- NI348: TEI has 130 approved slabs
- NI349: Recently received at TEI, so will be sent to all 3 labs for qualification testing

D. Bell kindly requested that all labs promptly complete qualification testing to avoid inventory shortages. The labs should email don.bell@aftonchemical.com upon submission of qualification data to TMC to allow for tracking.

All three labs have completed the September 2017 request for D5662 testing on PA and FL with TMC 155-1, so TMC will graph the results and send them via email to the OSCT SP for voting on approval.

TMC 160-1 PA and FL reference oil cannot be reblended since a base oil is no longer available. A drum of the TMC 160-1 oil, now called TMC 171, has been blended by with an alternate base oil. 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, for reporting results to TMC.

- Lab B: 2 invalid results
- Lab C: Ran the wrong oil, so will repeat with correct oil
- Lab G: Acceptable results on both oils

A motion made by B. Grinfield and 2nd by V. Donndelinger to adjourn the OSCT meeting at 11:57 am on 2/7/2018 was unanimously approved.

Respectfully Submitted,



Don Bell

Appendix

OIL SEAL COMPATIBILITY SURVEILLANCE PANEL

Date: Feb. 7, 2018

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
RB	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
DB	NV	Dylan Beck	TMC	e-Mail: djb@astmtmc.cmu.edu
DRB	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
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ED	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
BF	NV	Brian Foecking	The Lubrizol Corporation 29400 Lakeland Blvd. Wickliffe, OH 44092	Phone: 440-347-2130 e-Mail: bjf@lubrizol.com





OIL SEAL COMPATIBILITY SURVEILLANCE PANEL




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<i>Dan</i>	NV	Dan Lanctot	Test Engineering Institute 12718 Cimarron Path San Antonio, TX 78249	Phone: e-Mail: dlanctot@tei-net.com
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<i>Jeff</i>	NV	Jeff Milner	Tianhe Chemical	Phone: 804-252-6928 e-Mail: jimilner@Tianhe.us.com
<i>Donna</i>	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
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	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
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