

Oil Seal Compatibility Test (OSCT) Surveillance Panel Meeting Minutes

May 9, 2018

Don Bell

Participants:

Please see attendance list in the Appendix.

An OSCT Surveillance Panel meeting was called to order by D. Bell at 11:02 am on 5/9/2018 at Automation Alley in Troy, MI with some participants on a Webex. The agenda was reviewed.

The OSCT voting member list of eleven was reviewed, and agreed that the voting members represented by the industry well. A motion made by A. Goyal and 2nd by R. Warden was unanimously approved with 9 votes and no abstentions to replace S. Parke by D. Beck as a voting member effective immediately since this is S. Parke's last ASTM meeting.

A motion made by V. Donndelinger and 2nd by J. Dharte was unanimously approved with 9 votes and no abstentions to approve OSCT Surveillance Panel meeting minutes posted to the TMC website from 2/7/2018 and 3/20/2018.

The TEI elastomer inventory as of 5/7/2018 were reviewed. Even though Lab B implemented improvements to their ASTM D5662 procedure to reduce severity, they are still unable to obtain passing qualification data for PA360 in TMC reference oil 160-1 for elongation and hardness. In addition, Lab B continue to fail on vol% for TMC 160-1 with PA361. Lab C is also not able to pass all parameters for PA361 in TMC 160-1. The TMC noted that all three labs must pass all parameters in the designated reference oils in order to qualify and thus approve a new elastomer batch, so an approval cannot be granted for only one or two of the labs. A motion made by D. Bell and 2nd by V. Donndelinger was unanimously approved with 9 votes and no abstentions to abandon any further testing of PA360 and PA361 and thus reject both lots due to the inability to qualify either in TMC 160-1. TEI will discard PA360 and PA361 and adjust the pricing accordingly on future PA lots to get compensated for these two rejected lots. D. Bell will communicate the rejections to the seal supplier to make them aware and inquire as to whether anything was different with these two lots.

PA362 was approved on 4/20/2018, so the industry has an ample supply of PA for testing gear oils per D5662 with TEI having 158 approved slabs. TEI was asked to ensure each test lab gets their equal share of the approved slabs as PA orders are received. TEI also ordered 300 slabs of PA363 on 3/9/2018, so these should be received over the next month or so.

FL405 was approved on 2/16/2018, and TEI has 102 slabs. FL406 will be sent out shortly for qualification testing.

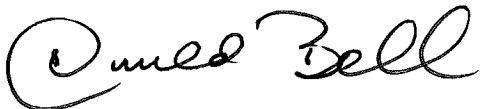
TEI has 65 approved slabs of NI348, and 300 slabs of NI349 that will be sent out shortly for qualification testing. NI350 was received on 5/7/2018, so will also be distributed for qualification testing.

Each lab has been asked to email don.bell@aftonchemical.com upon submission of qualification data to TMC to allow tracking.

The replacement reference oil for TMC 160-1, TMC 171, has been sent to all labs to conduct one run each for PA and FL and report results to TMC for distribution for approval. Lab B had a failing reference, so the results are uninterpretable. Lab C initially ran the wrong oil, so will repeat with the correct oil. Lab G has acceptable results. The labs were asked to provide high priority to the testing since 160-1 volumes are depleted at TMC.

A motion made by B. Grinfield and 2nd by V. Donndelinger was unanimously approved with 9 votes to adjourn the OSCT Panel meeting at 11:35 am on 5/9/2018.

Respectfully Submitted,

A handwritten signature in black ink that reads "Donald Bell". The signature is written in a cursive style with a large, looping initial "D".

Donald Bell

OIL SEAL COMPATIBILITY SURVEILLANCE PANEL

Date: May 9, 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
	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>DSB</i>	NV	Dylan Beck	TMC <i>6555 Penn Ave Pittsburgh, PA 15206</i>	Phone: 412-365-1037 e-Mail: djb@astmtmc.cmu.edu
<i>DRB</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@afonchemical.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 <i>TARDEC</i> 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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<i>BC</i>	V	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	Derek Grosch	TEI	e-Mail: dgrosch@tei-net.com
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	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
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	NV	Dan Lanctot	Test Engineering Institute 12718 Cimarron Path San Antonio, TX 78249	Phone: e-Mail: dlanctot@tei-net.com
<i>ML</i>	V	Mike Lopez	Intertek Automotive Research 5404 Bandera Road San Antonio, TX 78238	Phone: e-Mail: mike.lopez@intertek.com

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