

Oil Seal Compatibility Test (OSCT) Surveillance Panel Meeting Minutes

February 12, 2025

Don Bell

Participants listed on attachment in Appendix.

An OSCT Surveillance Panel Teams meeting was called to order by D. Bell at 9:46 am on 2/12/2025.

A motion made by D. Bell and 2nd by T. Muransky was unanimously approved with 13 votes to approve prior OSCT meeting minutes posted on the TMC website from 11/13/2024 and 1/27/2025.

The 14 OSCT voting member list was reviewed. A motion made by D. Bell and 2nd by B. Grinfield was unanimously approved with 13 votes to replace R. Banas with S. Jetter of ExxonMobil and K. Gutierrez of Intertek with M. Will as voting members, as well as R. Stone as a non-voting member.

Lab C has 3 baths and Lab G has 1 bath for testing PA, FL and NI testing with no bath issues.

The Testing Engineering Institute provided their inventory of all three elastomers:

Polyacrylate:

---PA370 29 approved slabs

---PA371 249 approved slabs

---PA372 288 unapproved slabs that were sent to both labs for qualification testing on 2/3/25

Fluoroelastomer:

---FL420 92 approved slabs

---FL421 On order 1/7/25

---FL422 TEI to place order now

Nitrile:

---NI354 58 approved slabs

---NI355 278 unapproved slabs. Lab G submitted passing qualification data to TMC but had some issues getting passing data. Lab C was not able to provide passing data in TMC 170. The approval of this lot is thus on hold.

---NI356 288 unapproved slabs. TEI sent slabs to both labs for qualification testing.

N. Ariemma surveyed the industry to discontinue NI qualifcation testing since key specifications, like Mack GO-J/J+, that require NI testing are now obsolete. 16 votes noted acceptance to discontinue NI qualificationd testing, but 1 vote from Daimler Truck voted to retain NI qualification testing. The Panel decided to continue to qualify NI to support ASTM D5662 tesitng.

Since all three TMC reference oils were well beyond the 5 year shelf life, new reference oils were blended and shipped to TMC for sending to labs for conducting approval matrices recommended by the Stats Group.

TMC 169 for PA, FL and NI is being replaced with TMC 172. The labs are conducting a matrix of 2 runs per bath per elastomer.

TMC 170 for NI is being reblended with TMC 170-1. The labs are conducting a matrix of 2 runs per bath per elastomer.

TMC 171 for PA and FL is being replaced with TMC 171-1. The labs are conducting a matrix of 2 runs per bath per elastomer. The TMC reveiwed PA and FL plots for TMC 171-1 of the full data from Lab G and partial data from Lab C relative to TMC 171 limits. The data thus looks comparable to that of TMC 171, so approval matrix testing will continue and the data reveiwed once Lab C submits the complete data set to TMC.

A motion made by D. Bell and 2nd by R. Warden was unanimously (13 votes) approved to adjourn the OSCT Panel meeting at 10:05 am.

Respectfully submitted,



Donald R. Bell/Chairman

Appendix

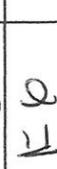
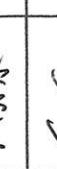
Oil Seal Compatibility Surveillance Panel

Date:

2/12/2025

V = Voting
NV = Non-voting

Initials		Name	Company & Address	e-Mail	Phone #
<i>NA</i>	V	Nick Ariemma	Lubrizol, 29400 Lakeland Blvd. Wickliffe, OH 44092	nick.ariemma@lubrizol.com	
<i>RB</i>	V	Rob Banas	ExxonMobil Technology & Engineering Thomas Lane Waleska, GA 30183	rob.banas@exxonmobil.com	770-833-5920
<i>DB</i>	V	Dylan Beck	TMC, 203 Armstrong Dr. Freeport, PA	djb@astmtmc.org	412-365-1037
<i>DB</i>	V	Don Bell (Chairman)	Afton Chemical, 500 Spring St. Richmond, VA 23219	don.bell@aftonchemical.com	804-788-6332
<i>TB</i>	NV	Tobias Bender	Fuchs Lubricants	tobias.bender@fuchs.com	708-737-1681
	NV	Maxim Burgman	Fuchs Lubricants	maxim.burgman@fuchs.com	248-846-3120
<i>BC</i>	NV	Bob Campbell	Afton Chemical, 500 Spring St. Richmond, VA 23219	bob.campbell@aftonchemical.com	804-788-5340
	NV	Hailey Catania	Cummins, 2135 W. Maple Rd. Troy, MI 48084	hailey.catania@cummins.com	248-435-1544
<i>MC</i>	NV	Margaret Caridi	BASF, 500 White Plains Rd. Tarrytown, NY 10591	margaret.caridi@bASF.com	845-216-5535
<i>JHC</i>	V	Jessica Carowick	Cummins, 2135 W. Maple Rd. Troy, MI 48084	jessica.carowick@cummins.com	248-872-3055
<i>SC</i>	V	Steve Carr	Dana	steve.carr@dana.com	419-266-6146
	NV	Michael Charron	SWRI, W. Commerce, San Antonio, TX 78227	michael.charron@swri.org	
	NV	Jeff Clarke	TMC, 203 Armstrong Dr. Freeport, PA	jac@astmtmc.org	412-365-1032
<i>AC</i>	V	Allen Comfort	US Army FCDD-GVS-ES, Bldg. 210, 6501 E. 11 Mile Rd., Detroit Arsenal, MI, 48397-5000	allen.s.comfort.civ@army.mil	571-588-6551
	NV	Enia Fry	Daimler Truck NA	enia.fry@daimlertruck.com	313-802-2835
<i>JG</i>	NV	Arijun Goyal	BASF, 500 White Plains Rd. Tarrytown, NY 10591	arjun.goyal@bASF.com	914-330-4362

 D	V	Becky Grinfield	SWRI, W. Commerce, San Antonio, TX 78227	becky.grinfield@swri.org
 K	V	Kimberly Gutierrez	Intertek, 5404 Bandera Rd., San Antonio, TX 78238	kimberly.hernandez@intertek.com 210-523-4675
 NV	NV	Hyeok Hahn	Chevron	hyeok.hahn@chevron.com 408-507-2848
 NV	NV	Dan Horvath	Afton Chemical, 2000 Town Center Southfield, MI 48075	dan.horvath@aftonchemical.com 248-226-3708
 NV	NV	John Huron	Chevron Oroinite, 4502 Centerview, Suite 210, San Antonio, TX 78228	john.huron@chevron.com 210-731-5609
 NV	NV	Alexander Jackson	Oronite	alexmjackson@oronite.com 830-865-6771
 NV	NV	Brad Jordan	Shell	brad.jordan@shell.com 804-516-1238
 CK	V	Clayton Knight	Test Engineering Institute 12718 Cimarron Path San Antonio, TX 78249	cknight@tei-net.com 210-690-1958
 NV	NV	Dan Lanctot	Test Engineering Institute 12718 Cimarron Path San Antonio, TX 78249	dlanctot@tei-net.com
 NV	NV	Anthony Lange	Intertek, 5404 Bandera Rd., San Antonio, TX 78238	anthony.lange@intertek.com 210-634-1103
 NV	V	Jeanelle Morris	International Motors LLC, 2701 Navistar Dr., Lisle, IL 60532	jeanelle.morris@navistar.com 331-332-1661
 MM	V	Donna Mosher	BASF, 100 Park Ave., Flotham Park, NJ	donna.mosher@bASF.com 269-217-1715
 NV	NV	Caroline Mueller	SWRI, W. Commerce, San Antonio, TX 78227	caroline.louis@swri.org 210-522-2671
 TM	V	Troy Muransky	AAM, 1840 Holbrook Detroit, MI 48212	troy.muransky@aam.com 313-758-2444
 NV	NV	Matt Sangpeal	Afton Chemical, Ashland Technical Center, 11289 Central Drive Ashland, VA 23005	matt.sangpeal@aftonchemical.com 804-788-5364
 ES	NV	Eric Sattler	US Army CCDC-GVSC FDD-GVS-ES (M/S 110), 6501 E. 11 Mile Rd. Warren, MI 48397-5000	eric.sattler.civ@army.mil 571-588-7974
 NV	NV	Nick Schaup	Lubrizol, 29400 Lakeland Blvd. Wickliffe, OH 44092	nick.schaup@lubrizol.com 616-740-2576
 NV	NV	Addison Schweitzer	Shell	addison.schweitzer@shell.com
 DV	NV	Dairene Uy	Shell	dairene.uy@shell.com 281-544-6781

(UW	NV	C. Vander Wal	Daimler Truck NA	camden.vander.wal@daimlertruck.com	313-805-1665
	NV	Wes Venhoff	TMC, 203 Armstrong Dr., Freeport, PA	wnv@astmtmcc.org	412-365-1034
RW	V	Rebecca Warden	Chevron Orotite, 4502 Centerview, Suite 210, San Antonio, TX 78228	rebecca.warden@chevron.com	830-865-6771
	NV	Fatih Yucebilic	Fuchs Lubricants	fatih.yucbilic@fuchs.com	708-539-0252
	NV	George Zarins	AAM	george.zarins@aam.com	586-854-8810
	NV	Khaled Zreik	GM	khaled.zreik@gm.com	248-977-9214
<u>ABZ</u>	NV	Amy Zyski	Afton Chemical	amy.zyski@aftonchemical.com	<u>913-391-1135</u>
	NV	Amanda Stone	Afton Stats		
	NV	Ricardo Affinito	Stats Group		
	NV	Jo Martinez	Stats Group		
	NV	S. Moyer	Stats Group		
	NV	T. Kostan	Stats Group		

Steve Teller ExxonMobil

Steven.m.jettner@exxonmobil.com 848 214 3867

Payton Wright SWRI.org #210-5222895

NV Payton Wright SWRI

PW

TG NV Trevor Gibson DAN

TG

Jason Gingrich Lubrizol
Michael Pontell Intertek

MHOD

Hector de la Fuente Chevron PRONITE

HDF

MW V Michael Will
LS NV Rachel Stone

Intertek
Intertek

Trevor.gibson@dan.com 419-386-9783

JAGC@lubrizol.com
Michael.pontell@intertek.com 210-396-8012
HDELAVENTE@CHEVRON.COM
(210) 867-8612

440-366-0101