

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 qualification testing since key specifications, like Mack GO-J/J+, that require NI testing are now obsolete. 16 votes noted acceptance to discontinue NI qualification 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 testing.

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 rebleded 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 received 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 received 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	Voting Status	Name	Company & Address	e-Mail	Phone #
NA	V	Nick Ariemma	Lubrizol, 29400 Lakeland Blvd. Wickliffe, OH 44092	nick.ariemma@lubrizol.com	
AB	V	Rob Banas	ExxonMobil Technology & Engineering 535 Thomas Lane Waleska, GA 30183	rob.banas@exxonmobil.com	770-833-5920
DB	V	Dylan Beck	TMC, 203 Armstrong Dr. Freeport, PA	djb@astmtmc.org	412-365-1037
DB	V	Don Bell (Chairman)	Afton Chemical, 500 Spring St. Richmond, VA 23219	don.bell@aftonchemical.com	804-788-6332
TB	NV	Tobias Bender	Fuchs Lubricants	tobias.bender@fuchs.com	708-737-1681
	NV	Maxim Burgman	Fuchs Lubricants	maxim.burgman@fuchs.com	248-846-3120
BC	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
MC	NV	Margaret Caridi	BASF, 500 White Plains Rd. Tarrytown, NY 10591	margaret.caridi@basf.com	845-216-5535
JFC	V	Jessica Carowick	Cummins, 2135 W. Maple Rd. Troy, MI 48084	jessica.carowick@cummins.com	248-872-3055
SC	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
AC	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
AG	NV	Arjun Goyal	BASF, 500 White Plains Rd. Tarrytown, NY 10591	arjun.goyal@basf.com	914-330-4362

DLG	V	Becky Grinfield	SWRI, W. Commerce, San Antonio, TX 78227	becky.grinfield@swri.org	210-523-4675
FB	V	Kimberly Gutierrez	Intertek, 5404 Bandera Rd., San Antonio, TX 78238	kimberly.hernandez@intertek.com	210-523-4675
	NV	Hyeok Hahn	Chevron	hyeok.hahn@chevron.com	408-507-2848
	NV	Dan Horvath	Afton Chemical, 2000 Town Center Southfield, MI 48075	dan.horvath@aftonchemical.com	248-226-3708
	NV	John Huron	Chevron Oronite, 4502 Centerview, Suite 210, San Antonio, TX 78228	john.huron@chevron.com	210-731-5609
AG	NV	Alexander Jackson	Oronite	alexmjack@chevron.com	830-865-6771
	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	Dan Lancot	Test Engineering Institute 12718 Cimarron Path San Antonio, TX 78249	dlancot@tei-net.com	
	NV	Anthony Lange	Intertek, 5404 Bandera Rd., San Antonio, TX 78238	anthony.lange@intertek.com	210-634-1103
IM	V	Jeanelle Morris	International Motors LLC, 2701 Navistar Dr., Lisle, IL 60532	jeanelle.morris@navistar.com	331-332-1661
	V	Donna Mosher	BASF, 100 Park Ave., Florham Park, NJ	donna.mosher@basf.com	269-217-1715
	NV	Caroline Mueller	SWRI, W. Commerce, San Antonio, TX 78227	caroline.louis@swri.org	210-522-2671
	V	Troy Muransky	AAM, 1840 Holbrook Detroit, MI 48212	troy.muransky@aam.com	313-758-2444
	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 FCDD-GVS-ES (M/S 110), 6501 E. 11 Mile Rd. Warren, MI 48397-5000	eric.sattler.civ@army.mil	571-588-7974
US	NV	Nick Schaup	Lubrizol, 29400 Lakeland Blvd. Wickliffe, OH 44092	nick.schaup@lubrizol.com	616-740-2546
	NV	Addison Schweitzer	Shell	addison.schweitzer@shell.com	
DU	NV	Dairene Uy	Shell	dairene.uy@shell.com	281-544-6781

CW	NV	C. Vander Wal	Daimler Truck NA	camden.vander.wal@daimlertruck.com	313-805-1665
	NV	Wes Venhoff	TMC, 203 Armstrong Dr., Freeport, PA	wv@astmtmc.org	412-365-1034
RW	V	Rebecca Warden	Chevron Oroinite, 4502 Centerview, Suite 210, San Antonio, TX 78228	rebecca.warden@chevron.com	830-865-6771
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ABZ	NV	Amy Zyski	Afton Chemical	amy.zyski@aftonchemical.com	513-391-1135
	NV	Amanda Stone	Afton Stats		
	NV	Ricardo Affinito	Stats Group		
	NV	Jo Martinez	Stats Group		
	NV	S. Moyer	Stats Group		
	NV	T. Kostas	Stats Group		

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