

**Oil Seal Compatibility and Testing (OSCT) Surveillance Panel
Meeting Minutes
ASTM Meeting #145**

4/11/07

D. Bell

Meeting Attendance:

D. Bell (Afton)	C. Koglin (Afton)
B. Grinfield (SWRI, phone)	J. Gropp (Lz)
D. Lind (TMC)	D. Smith (Parc)
C. Schenkenberger (Lz)	S. Eliot (ExMo)
Salvatore Rea (Infineum)	D. Misich-Korpi (Lz, phone)
J. D'Harte (American Axle)	C. Chris Prengaman (Lz)
Hector De LaFuenta (SWRI)	Hap Thompson (ASTM facilitator)
M. Follis (DANA)	R. Jackman (Army)
L. Vallehermosa (Army)	H. Chambers (Ford)

OSCT Surveillance Panel Meeting (D. Bell)

Motion by J. Gropp and 2nd by D. Misich-Korpi was approved unanimously to approve previous OSCT Surveillance Panel teleconference meeting minutes from 2/2007.

There are multiple baths available at SWRI and Lz with no known "stand"-related problems or test severity issues.

Review of New Elastomer Batch Data for Polyacrylate

The data generated at both labs (Lz & SWRI) by the new approval protocol was presented by TMC (D. Lind, data on TMC website) and reviewed by the OSCT Surveillance Panel on Polyacrylate PA337 (600 slabs available) in reference oils 160-1 and 161-1.

PA337:

Percent elongation using ref oils 160-1 and 161-1 were high outside the Shewhart limits on lab C, but inside the limits for lab B. The percent volume using ref oil 160-1 was low outside of the Shewhart limit for percent volume for lab B but well within the limit for lab C. All other results in both ref oils were well within the acceptance bands.

Motion by J. Gropp and 2nd by D. Bell: Approve polyacrylate PA337 elastomer batch for general use at both test labs. Motion passed 4 in favor/1 opposed/2 abstentions, so PA337 is fully approved for testing along side candidates. Lab C will continue to investigate the root cause for the larger variation and higher %elongation results for PA337.

Motion by J. Gropp and 2nd by D. Bell: Test Engineering Institute (TEI) to immediately order a new elastomer batch of polyacrylate. Motion passed unanimously: 6 in favor/0 opposed/2 abstentions. C. Knight of TEI ordered a new lot of polyacrylate on 4/12/07 as requested.

The current inventory of approved Fluoroelastomer batches is:

- FL-369 (44 remaining)
- FL-370 (30 remaining)

TEI will shortly receive a new lot of Fluoroelastomer (200 slabs), which will be shipped to both labs for testing to confirm acceptance.

The current inventory of approved nitrile batches is:

- NI 331 (69 remaining)
- NI 332 (478 remaining)

Contacts are being compiled to survey the automotive gear industry to determine who is supplying seals to OEMs to identify current applicable elastomers to potentially substitute or add more relevant seals for ASTM D5662 testing.




OIL SEAL COMPATIBILITY SURVEILLANCE PANEL

Date: April 11, 2007

Initials	V = Voting NV = Non-voting	Name	Company & Address	Phone / FAX / e-Mail
<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@aftonchemical.com
	NV	Don Bartlett	The Lubrizol Corporation 29400 Lakeland Blvd. Wickliffe, OH 44092	Phone: 440-347-2388 FAX: 440-347-2878 e-Mail: dtb@lubrizol.com
	V	Tom Bryson	Mack Trucks 13302 Pennsylvania Ave. Hagerstown, MD 21742	Phone: 301-790-5454 FAX: 301-790-5605 e-Mail: tom.bryson@macktrucks.com
	V	Juan Buitrago	Chevron Oronite Co. 100 Chevron Way Richmond, CA 94802	Phone: 510-242-1161 FAX: 510-242-3392 e-Mail: jabu@chevrontexaco.com
	V	Harold Chambers	Automotive Components Holding-LLC Cube: C290-081 17000 Rotunda Drive Dearborn, MI 48120-1100	Phone: 313-755-4246 FAX: 313-755-5681 e-Mail: hchamber@Ford.com
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	V	Frank Farber	Test Monitoring Center 6555 Penn Avenue Pittsburgh, PA 15206	Phone: 412-365-1030 FAX: 412-365-1047 e-Mail: fmf@astmtmc.cmu.edu
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