Oil Seal Compatibility Test (OSCT) Surveillance Panel Meeting Minutes

November 4, 2026

Don Bell

Thirteen voting members joined the panel meeting.

Action Items:

- D. Bell to ask FNOK if the FL formulation now blended at Plymouth, MI has P-FAS removed.
- D. Bell will ask OH if they also produce NI and PA slabs for engine oils, and follow-up with further details if they do.
- D. Bell to provide the OH Technology data for each of the 12 measurements from the three J2360 oils.
- R. Warden to donate reference oil FL run with OH Technology FL slabs, and report results to D. Bell for sharing at an upcoming Panel meeting.
- Lab C to send TMC 155-2 data to TMC for plotting with Lab G's data for D. Bell to present at an upcoming virtual OSCT meeting in November 2026.

An OSCT Surveillance Panel Teams meeting was called to order by D. Bell at 9:32 am on 11/4/2026.

The 16 voting member list was reviewed and deemed sufficient with no changes required.

A motion made by D. Bell and 2nd by J. Morris was unanimously approved to approve the OSCT meeting minutes from 8/12/2026 and 9/11/2026.

Both labs C and G confirmed that there are no testing issues at either lab.

The seal inventory provided by the Test Engineering Institute (TEI) was reveiwed:

Polyacrylate:

- PA372---73 approved slabs
- PA373---275 approved slabs
- PA374---275 approved slabs

Nitrile:

- NI356---272 approved slabs, but only with TMC 169

Fluoroelastomer:

- FL422---only 32 approved slabs at TEI, Lab G has ~60 slabs, but Lab C has none
- FL423---FNOK produced 400 slabs at their Plymouth, MI facility instead of their Cleveland, GA facililty. The new lot will be shipped shortly to TEI if it meets their current quality control FL limits. TEI will ship the typical slabs to both test labs for qualification testing. Upon completion at both labs, the data will be ploted by TMC for presenting at an upcoming Panel meeting for review.

For business continuity purposes, three different J2360 approved fluids at various SAE grades were tested via ASTM D5662 unreferenced at Lab C using OH Technologies' (Mentor, OH) FKM slabs that are typically used for engine oil testing. The data below shows good similarity to the values conducted earlier on the J2360 programs using FNOK slabs vs. OH Technology slabs, making OH Technology a potential alternate source.

	J2360 75W-85 Current FL	J2360 75W-85 Alternate FKM	J2360 75W-90 Current FL	J2360 75W-90 Alternate FKM	[illegible]	[illegible]	J2360 Limits
% elongation change	-34	-42.2	-28.9	-29.8	-54.4	-48.2	-75 max.
Shore hardness change	0.4	0.8	-0.8	0.5	1.8	2.6	-5 to +10
% volume change	1.4	1.5	1.9	2.0	3.3	0.8	-5 to +15

D. Bell will ask OH Tech. if they also produce NI and PA slabs for engine oils. If so, the Panel will discuss the potential for testing these as well.

The 3 new TMC ref. oils for OSCT (D5662) have been approved for use, but the test labs are only using TMC 169 and 171-1 since July 2026.

1. TMC 170-1 replaced TMC 170 as a reblend for NI testing only
2. TMC 172 replaced TMC 169 for PA, FL and NI testing
3. TMC 171-1 replaced TMC 171 for PA and FL

Both labs were reminded to complete the annual TMC 155-2 PA and FL testing in time for D. Bell to present data for approval at the Nov. 4, 2026 OSCT Panel meeting.

A motion made by D. Bell and 2nd by T. Muransky was unanimously approved to adjourn the meeting at 10:02 am.

Respectfully submitted,

Donald Bell

Donald Bell/Chairman