

Oil Seal Compatibility Test (OSCT) Surveillance Panel Meeting Minutes

August 12, 2026

Don Bell

Participants listed on attachment in Appendix.

Action Items:

- D. Bell to replace C. Knight with Jerry Etter as TEI voting member for OSCT
- J. Etter to release the newly approved PA373 and PA374 for sale
- D. Bell to determine who supplies the FL seals for engine oils and work with axle OEMs to help identify an alternate supplier to FNOK for FL slabs
- Lab C and G to provide the number of FL slabs in inventory
- Lab C and G to conduct TMC 155-2 annual PA and FL testing for D. Bell to present at the Nov. 4, 2026 OSCT meeting

An OSCT Surveillance Panel Teams meeting was called to order by D. Bell at 9:31 am on 8/12/2026.

The 16 voting member list was reviewed. C. Knight was replaced J. Etter at TEI as the TMC voting member with no other changes.

A motion made by D. Bell and 2nd by T. Muransky was unanimously approved with 11 votes to approve the OSCT meeting minutes from 5/13/2026.

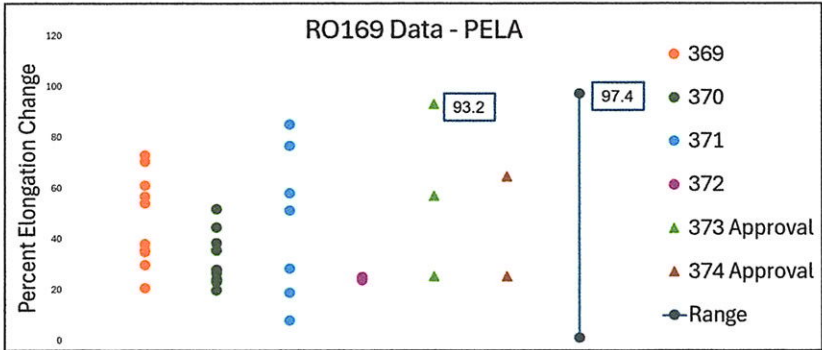
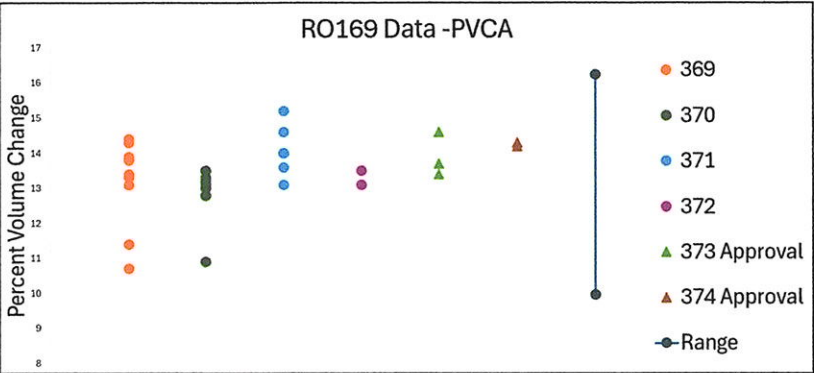
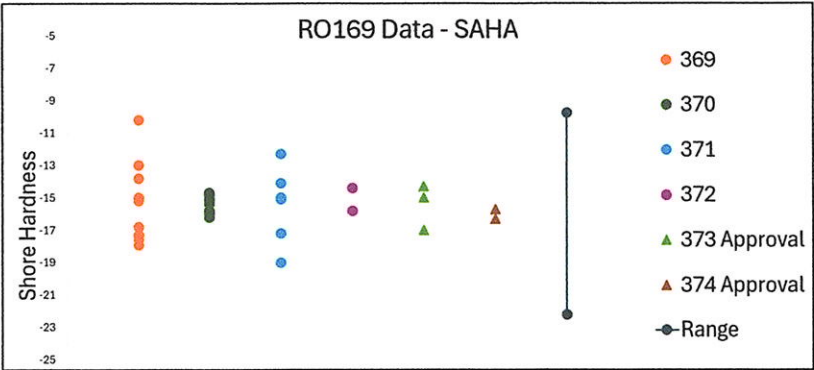
Both labs C and G confirmed that there are no testing issues at either lab.

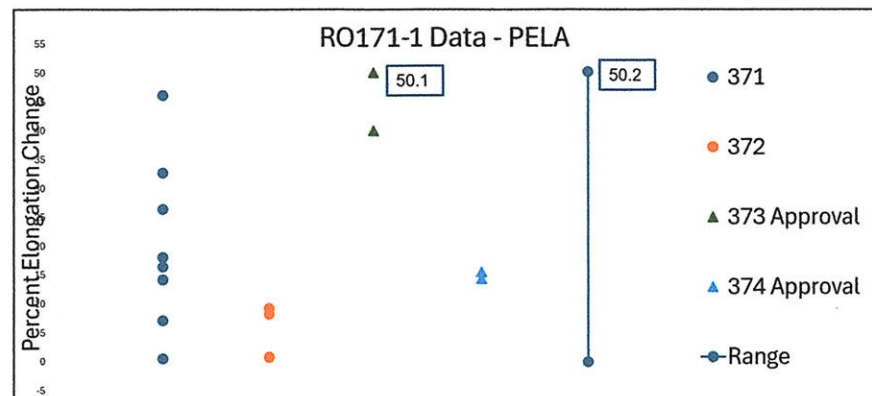
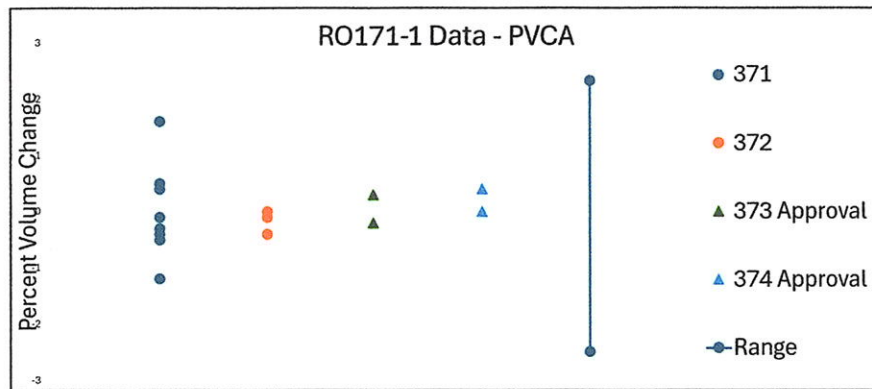
The seal inventory provided by the Test Engineering Institute (TEI) was reviewed:

Polyacrylate:

- PA372---146 approved slabs
- PA373---300 unapproved slabs -- qualification test results compiled by TMC were reviewed
- PA374---300 unapproved slabs -- qualification test results compiled by TMC were also reviewed

PA373 and PA374 Qualification Data vs. Prior Approved Lots and Acceptance Band:





A motion made by D. Bell and 2nd by B. Grinfield was unanimously approved with 12 votes to effective immediately approve PA373 and PA374 for use in ASTM D5662 candidate testing.

Fluoroelastomer:

- FL422---only 32 approved slabs.
- FL423---TEI placed an order for ~200 slabs but was recently told by FNOK that they will no longer blend FL at their Cleveland, GA facility but will continue to blend PA and NI at their LaGrange, GA facility. LaGrange would not agree to blend FL. The Panel will need to search for an alternate FL supplier of slabs. Options to consider are Akron for engine oil FL slabs and other OEM proposed suppliers. Both labs to confirm their current inventory of FL.

Nitrile:

- NI354---58 approved slabs, but expired this month
- NI355---65 approved slabs, but only with TMC 169 (not TMC 170)
- NI356---272 approved slabs, but only with TMC 169

TMC 170-1 is a reblend of TMC 170 for NI testing. Both labs completed the matrix testing of 2 runs per bath per elastomer with TMC 170-1 run along side accompanying TMC 170.

TMC 169 is being replaced with TMC 172 for PA, FL and NI testing. Both labs completed the matrix testing of 2 runs per bath per elastomer with TMC 172 run along side accompanying TMC 169. The data can be made available by D. Bell upon request.

The Stats Group plotted all of the data and proposed targets for TMC 170-1 and 172:

Elastomer	Oil	PELA		SAHA		PVCA	
		mean	standard deviation	mean	standard deviation	mean	standard deviation
NI	170-1 (n=8)	-44.00	4.027	-0.508	1.848	2.591	0.271
NI	172 (n=8)	-17.4	8.34	-5.6	0.61	7.6	0.62
FL	172 (n=8)	-40.3	10.44	-2.3	0.99	4.6	0.50
PA	172 (n=10)	26.1	12.10	-8.5	0.76	7.9	1.20

A motion made by R. Warden and 2nd by T. Muransky was unanimously approved with 12 votes to make effective 8/26/2026 to approve TMC170-1 and 172 new reference oils with the newly proposed targets shown above for ASTM D5662 testing. The data will be re-evaluated in 6 months with the Stats Group.

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 W. Venhoff was unanimously approved with 12 votes to adjourn the meeting at 10:20 am.

Respectfully submitted,



Donald Bell/Chairman

Appendix

Oil Seal Compatibility Surveillance Panel

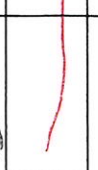
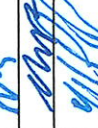
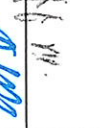
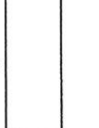
Date:

8/12/2026

V = Voting

NV = Non-voting

Initials		Name	Company & Address	e-Mail	Phone #
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	NV	Ricardo Affinito	Stats Group		
	NV	Jo Martinez	Stats Group		
	NV	S. Moyer	Stats Group		
TR	NV	T. Koston	Stats Group		
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