

Oil Seal Compatibility Test (OSCT) Surveillance Panel Meeting Minutes

August 27, 2024

Don Bell

Participants listed on attachment in Appendix.

An OSCT Surveillance Panel meeting was called to order by D. Bell at 2:03 pm on 8/27/2024.

The qualification data (Appendix) generated by Labs C and G on a new lot of polyacrylate (PA371) in the two reference oils, TMC 169 and TMC 171, was reviewed by the Panel. The % elongation change, % volume change and shore hardness change for PA371 in both reference oils were within the reference oils acceptance bands and some parameters matched perfectly between the labs.

A motion made by D. Bell and 2nd by B. Grinfield was unanimously (8 votes) approved to effectively immediately approve PA371 elastomer batch for use in ASTM D5662 testing. TEI will release PA371 for sale as orders are submitted.

A motion made by D. Bell and 2nd by B. Grinfield was unanimously approved with 8 votes to adjourn the meeting at 2:15 pm.

Respectfully submitted,

A handwritten signature in black ink that reads "Donald R. Bell". The signature is written in a cursive, flowing style.

Donald R. Bell/Chairman

Appendix



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Surveillance Panel Meetings OSCT PA371 Approval Testing

August, 2024

PA371 Approval Runs

		testkey	ltmslab	val	ind	ltmsdate	CHART	PVCA	SAHA	PELA	ETYP	EBC	PELAYI	SAHAYI	PVCAYI
171	Approval Run	186966-OSCT	C	NI	171	20240806	N	-0.8	2	9.2	PA	PA371	-1.39203	0.956405	-0.64964
	Accompanying Reference	186978-OSCT	C	AC	169	20240806	Y	-16.8	34.8	34.8	PA	PA369	-0.65995	-0.28269	0.909091
	Approval Run	187195-OSCT	G	NI	171	20240603	N	1.2	1	22.5	PA	PA371	-0.22689	0.418192	1.175182
	Accompanying Reference	187196-OSCT	G	AC	171	20240603	Y	0.5	1.7	11.7	PA	PA369	-1.17302	0.794941	0.536496
169	Approval Run	186976-OSCT	C	NI	169	20240719	N	14.4	-17.5	22.1	PA	PA371	-1.24198	-0.53004	0.909091
	Accompanying Reference	186975-OSCT	C	AC	169	20240719	Y	13.4	-17.6	29.8	PA	PA369	-0.88909	-0.56537	0.20979
	Approval Run	187188-OSCT	G	NI	169	20240603	N	14.2	-16	28.6	PA	PA371	-0.94409	0	0.769231
	Accompanying Reference	187196-OSCT	G	AC	171	20240603	Y	0.5	1.7	11.7	PA	PA369	-1.17302	0.794941	0.536496

Y(i) limits +/- 2.200

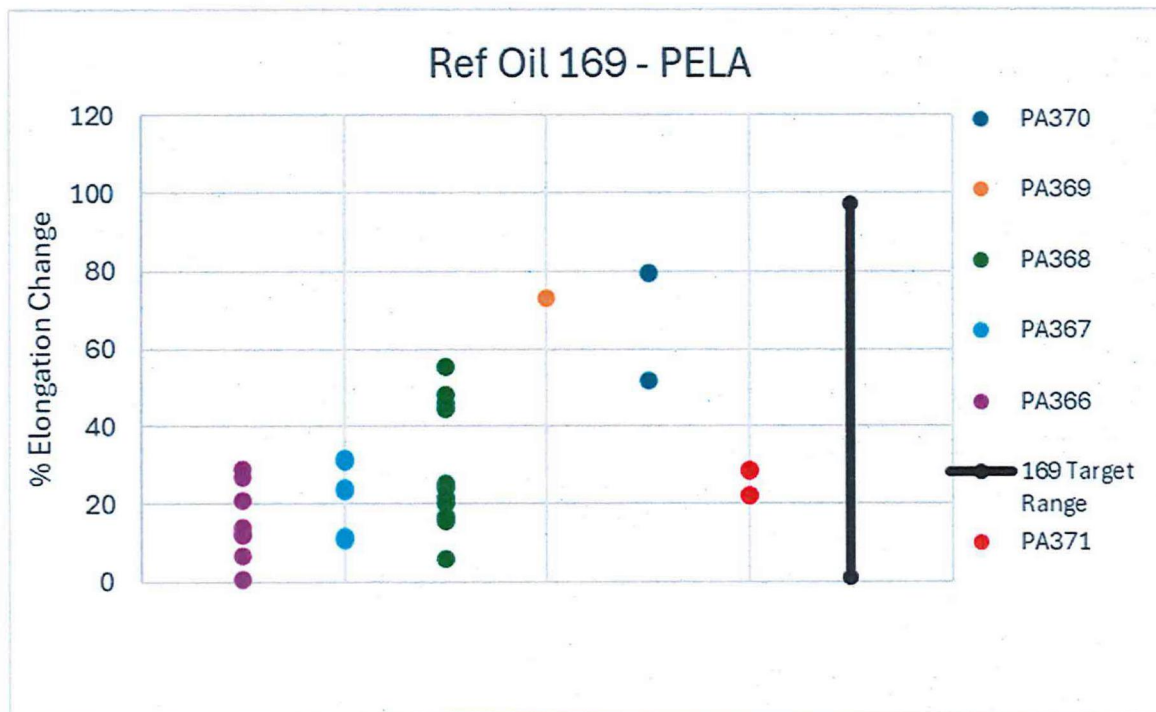


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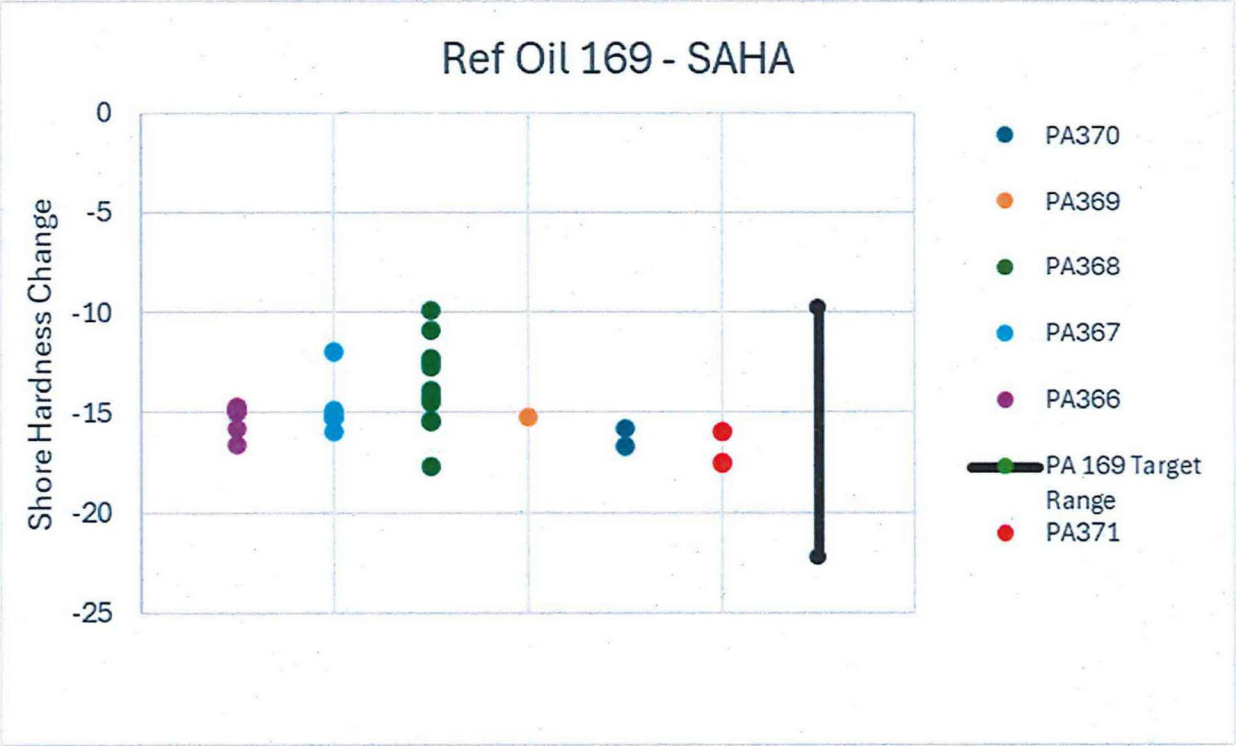
203 Armstrong Drive, Freeport, PA 16229, USA

www.astmtmc.org
412-365-1000

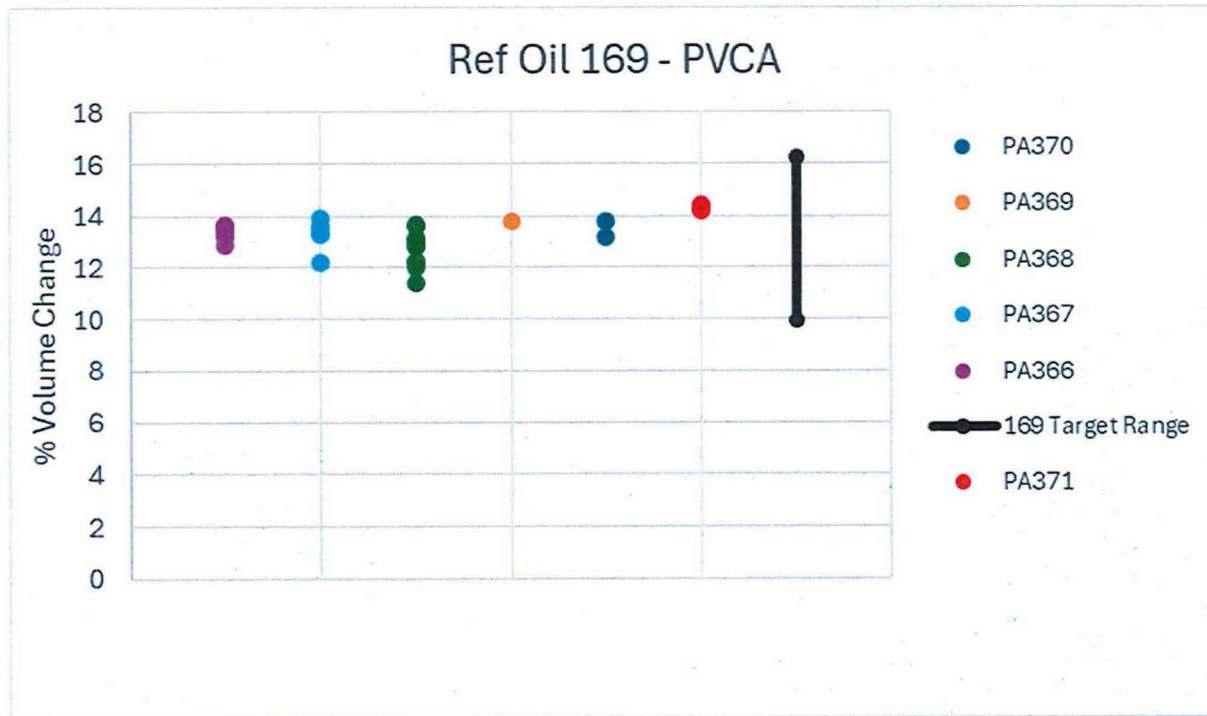
Reference Oil 169 - PELA



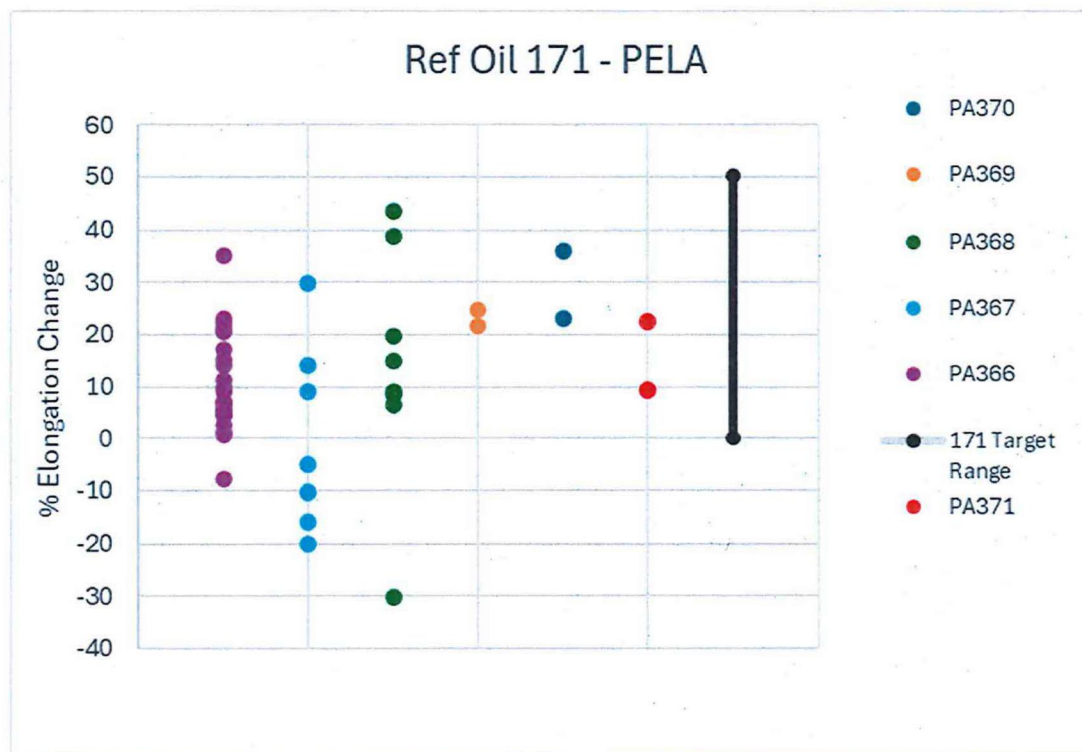
Reference Oil 169 - SAHA



Reference Oil 169 - PVCA



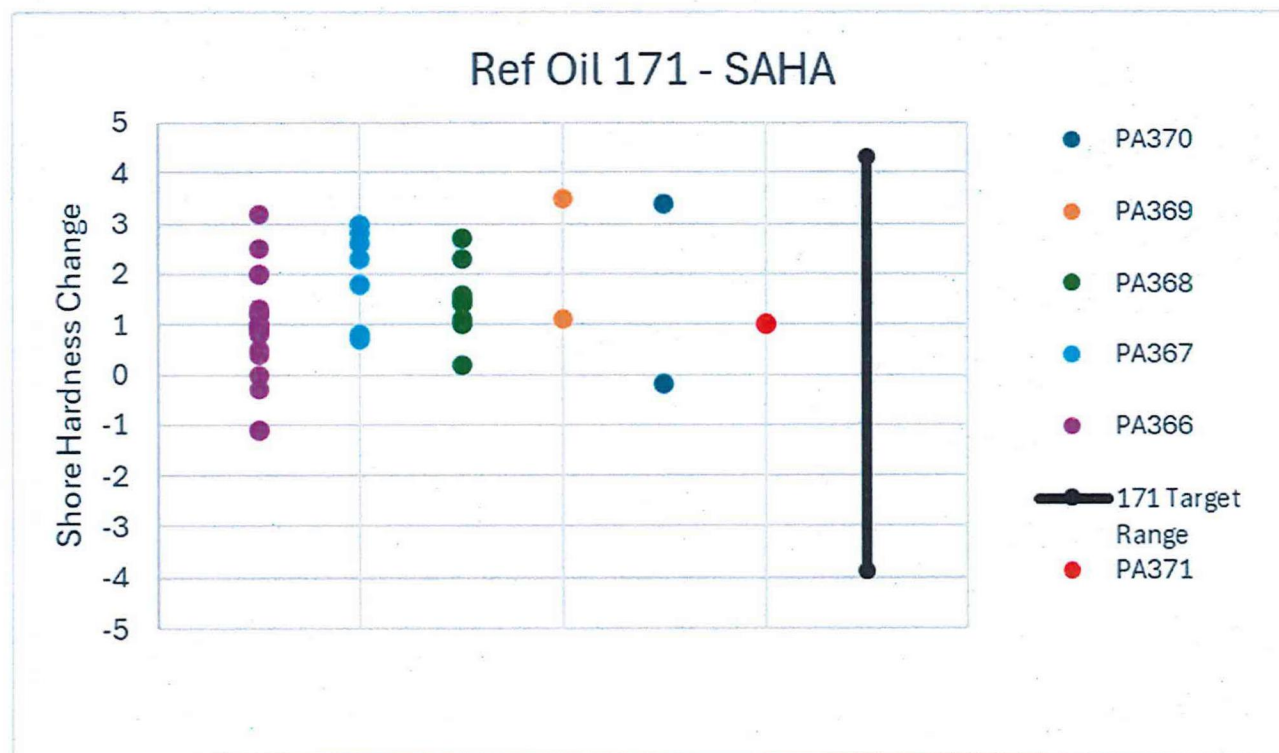
Reference Oil 171- PELA



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Reference Oil 171 - SAHA

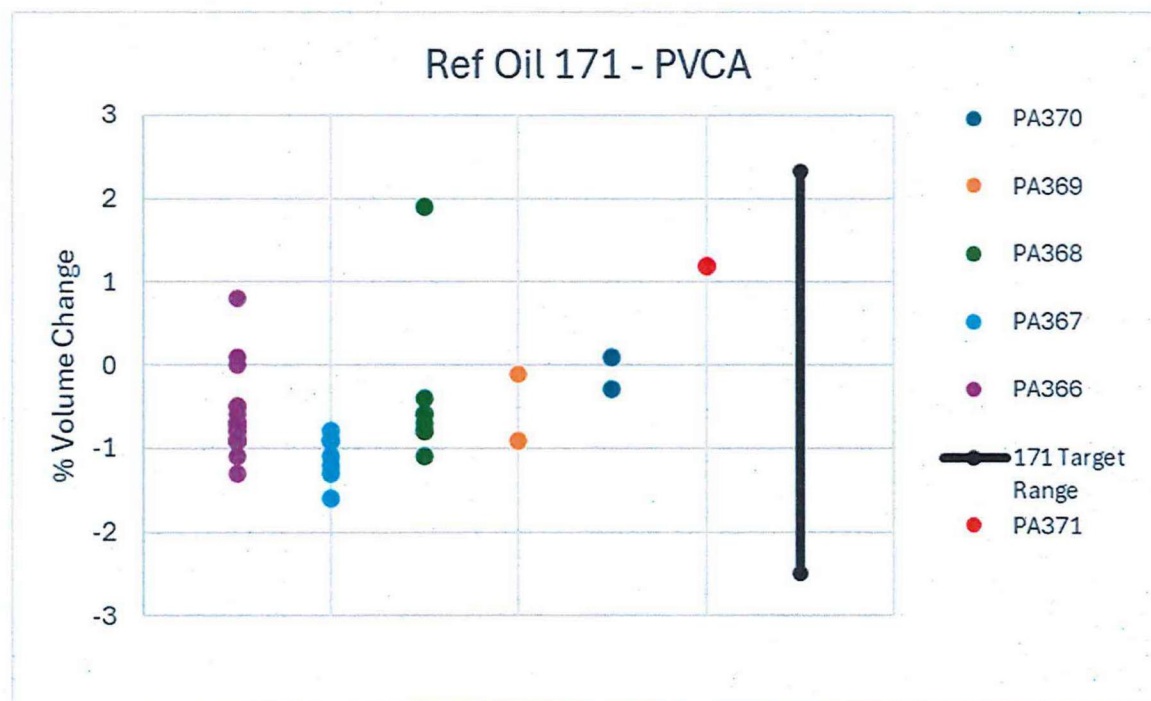


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Reference Oil 171 - PVCA



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Oil Seal Compatibility Surveillance Panel

Date: 8/27/2024

Initials	V = Voting NV = Non-voting	Name	Company & Address	e-Mail	Phone #
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	V	Rob Banas	ExxonMobil Technology & Engineering 535 Thomas Lane Waleska, GA 30183	rob.banas@exxonmobil.com	770-833-5920
not present but compiled data	V	Dylan Beck	TMC, 203 Armstrong Dr. Freeport, PA	djb@astmtmc.org	412-365-1037
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