

Oil Seal Compatibility Test (OSCT) Surveillance Panel Meeting Minutes

September 14, 2023

Don Bell

Participants listed on attachment in Appendix.

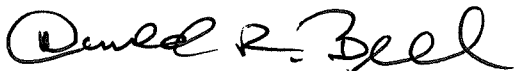
An OSCT Surveillance Panel meeting was called to order by D. Bell at 2:03 pm on 9/14/2023.

Labs C and G submitted their elastomer qualification data to the Test Monitoring Center (TMC) for the new fluoroelastomer lots, FL416 and FL417. TMC plotted the qualification data from both TMC reference oils 169 and 171 for these two lots on the same graph as the previous three FL lots. During the review it was noted that the graph for TMC 169 shore hardness was inadvertently used for the TMC 169 volume change %. The TMC has since corrected the plots that are in the Appendix. The Panel reviewed the plots and found that the FL416 and FL417 data was consistent with that of the past three FL lots and deemed acceptable.

A motion made by D. Bell and 2nd by B. Grinfield to effective immediately approve FL416 and FL417 for use in ASTM D5662 testing was unanimously approved with 9 votes.

The meeting was adjourned at 2:24 pm.

Respectfully submitted,

A handwritten signature in black ink that reads "Donald R. Bell". The signature is written in a cursive style with a large initial "D".

Donald R. Bell/Chairman

Appendix



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Surveillance Panel Meetings OSCT FL416 & FL417 Approval Testing

September, 2023

FL416 Approval Matrix – Lab C

		testkey	lab	val	Ind	ltmsdate	PVCA	SAHA	PELA	EBC
169	Accompanying Ref	177244-OSCT	C	AC	169	20230731	4.2	-0.2	-52	FL415
	Approval Run	177247-OSCT	C	NI	169	20230731	4.2	-0.5	-37	FL416
171	Accompanying Ref	177244-OSCT	C	AC	169	20230731	4.2	-0.2	-52	FL415
	Approval Run	177265-OSCT	C	NI	171	20230731	1.5	2.2	-45	FL416

Y(i) limits +/- 2.200



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FL416 Approval Matrix – Lab G

		testkey	lab	val	Ind	Itmsdate	PVCA	SAHA	PELA	EBC
169	Accompanying Ref	173212-OSCT	G	AC	169	20230824	4.3	-1	-53	FL415
	Approval Run	173213-OSCT	G	NI	169	20230824	4.5	-2	-40.7	FL416
171	Accompanying Ref	173212-OSCT	G	AC	169	20230824	4.3	-1	-53	FL415
	Approval Run	173220-OSCT	G	NI	171	20230824	2.2	-2	-39.8	FL416

Y(i) limits +/- 2.200



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FL417 Approval Matrix – Lab C

		testkey	lab	val	Ind	Itmsdate	PVCA	SAHA	PELA	EBC
169	Accompanying Ref	177244-OSCT	C	AC	169	20230731	4.2	-0.2	-52	FL415
	Approval Run	177245-OSCT	C	NI	169	20230731	4.3	0	-41.4	FL417
171	Accompanying Ref	177244-OSCT	C	AC	169	20230731	4.2	-0.2	-52	FL415
	Approval Run	177263-OSCT	C	NI	171	20230731	1.4	3.2	-46.3	FL417



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FL417 Approval Matrix – Lab G

		testkey	lab	val	Ind	Itmsdate	PVCA	SAHA	PELA	EBC
169	Accompanying Ref	173210-OSCT	G	AC	169	20230824	4	-1.8	-47.4	FL415
	Approval Run	173211-OSCT	G	NI	169	20230824	4.8	-1.5	-38	FL417
171	Accompanying Ref	173210-OSCT	G	AC	169	20230824	4	-1.8	-47.4	FL415
	Approval Run	173218-OSCT	G	NI	171	20230824	2.3	-2.5	-53.1	FL417



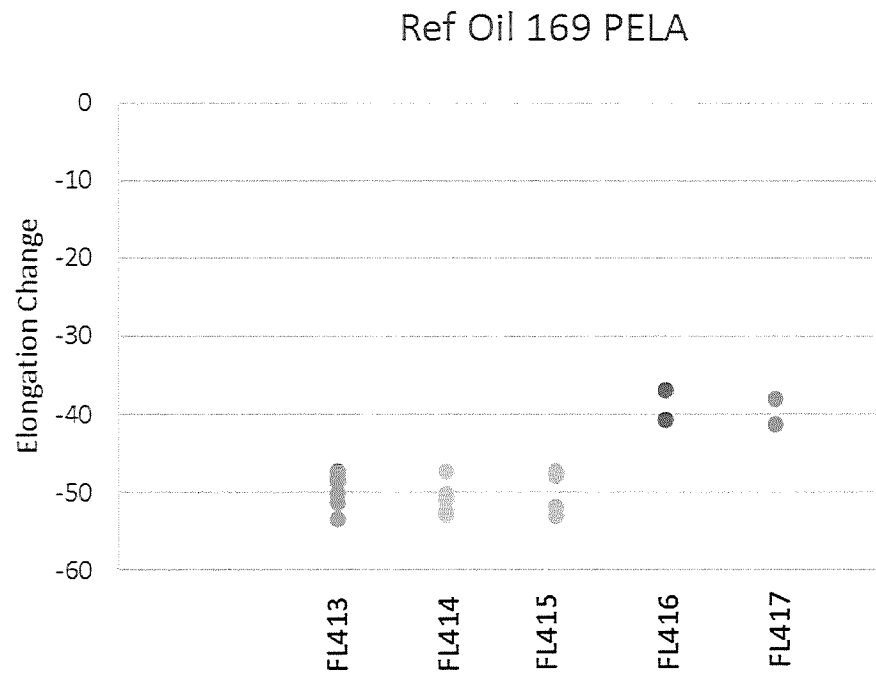
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Reference Oil 169 - PELA



Mean	Std.
-39.5	6.99

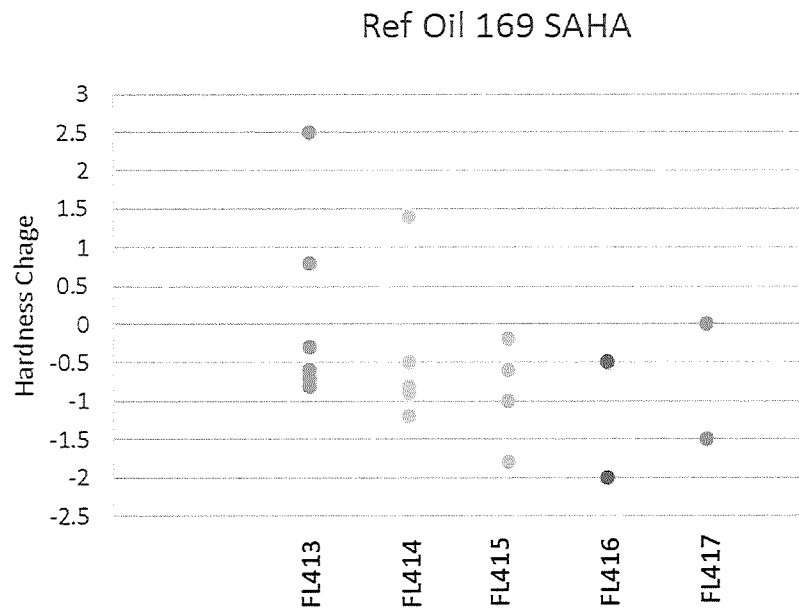
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Reference Oil 169 - SAHA



Mean	Std.
0.1	1.30

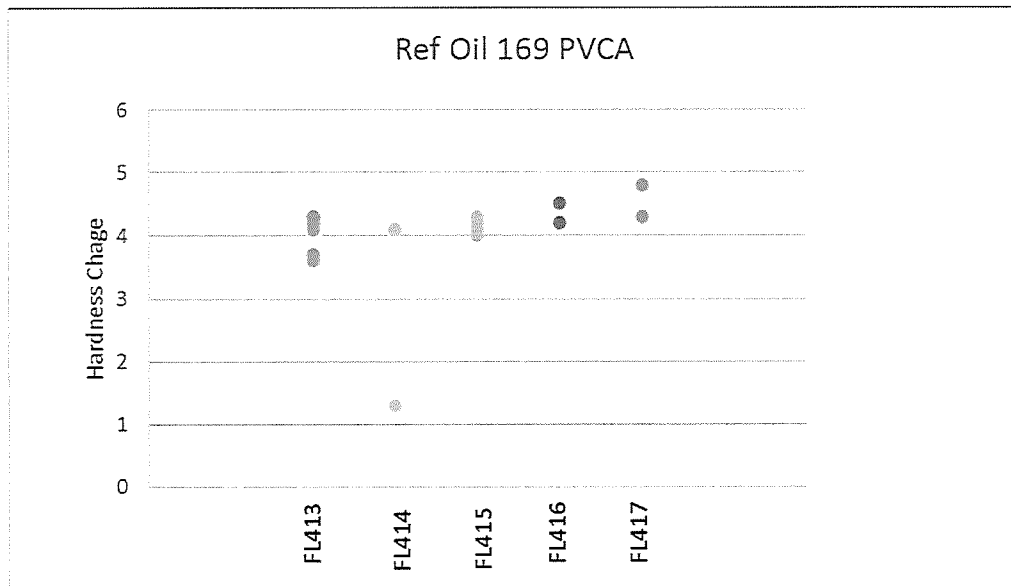
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Reference Oil 169 - PVCA



Mean	Std.
4.4	0.71

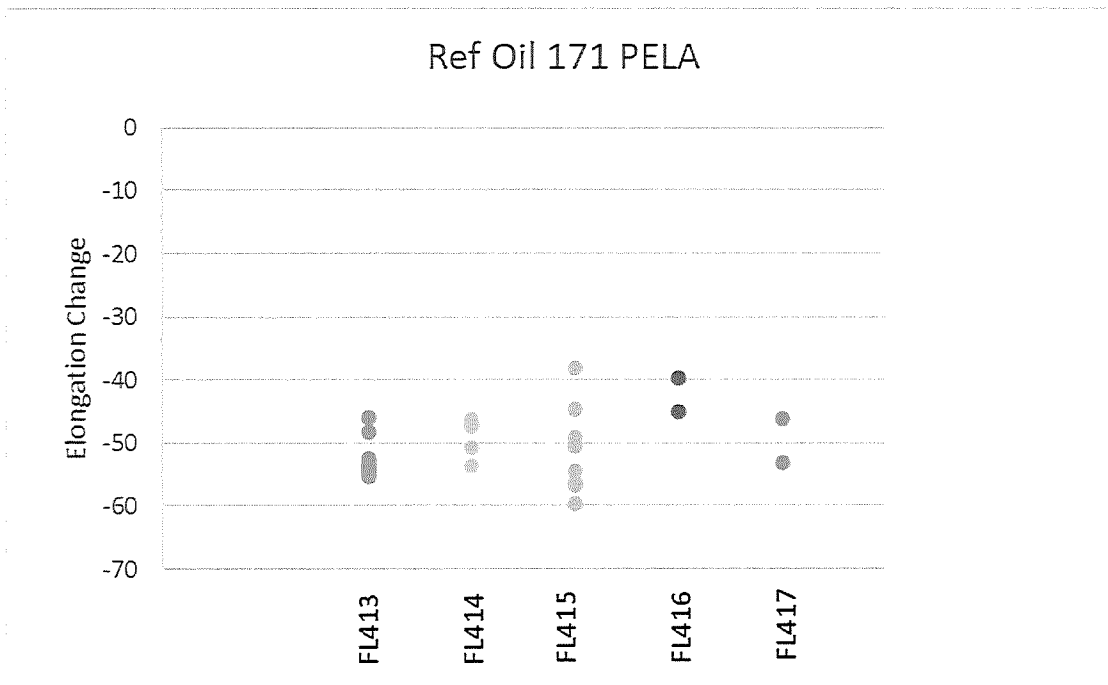
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Reference Oil 171- PELA



Mean	Std.
-47.949	5.947

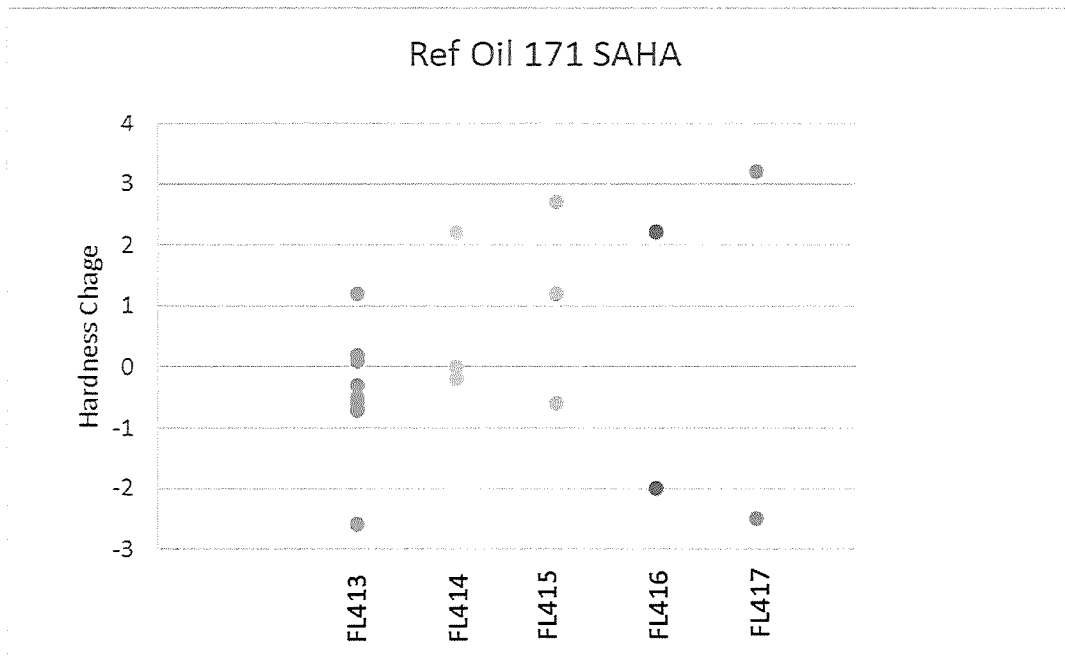
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Reference Oil 171 - SAHA



Mean	Std.
0.987	1.664

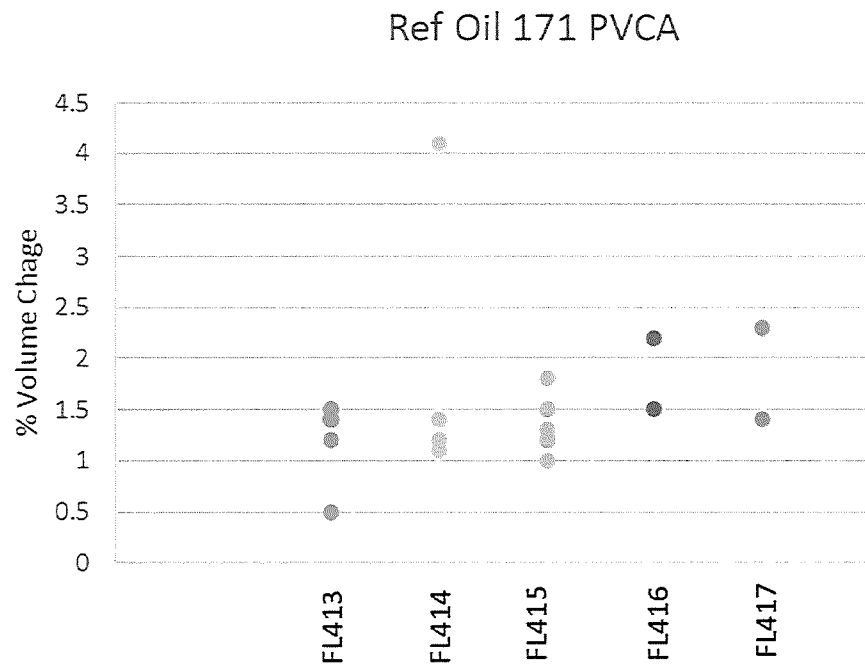
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Reference Oil 171 - PVCA



Mean	Std.
2.167	1.201

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OIL SEAL COMPATIBILITY SURVEILLANCE PANEL


Date: September 14, 2023 Virtual

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