

Oil Seal Compatibility Test (OSCT) Surveillance Panel Meeting Minutes

March 27, 2024

Don Bell

Participants listed on attachment in Appendix.

An OSCT Surveillance Panel meeting was called to order by D. Bell at 10:33 am on 3/27/2024.

The recommended shelf life for reference oils is 5 years. The TMC has the following three reference oils for OSCT testing, but all are beyond the shelf life recommendation. The Panel discussions centered around what options there are for replacing these reference oils beyond their shelf life.

TMC Reference Oil	Date Blended	TMC inventory
169 (PA, FL, NI testing)	6/2010	119 gals.
170 (NI testing)	8/2015	20 gals
171 (PA & FL testing)	3/2017	9 gals

TMC noted that TMC 169 cannot be reblended as is. However, the supplier can provide a similar blend with same additive and viscosity modifier, but different base oil mixture and thus a new reference oil number would be assigned. The Panel discussed the option of using TMC 155 as a replacement reference oil. TMC will provide plots of reference oils 169 vs. 155 for review at the May 8, 2024 OSCT Panel meeting.

The supplier has blended a fresh drum of TMC 170 and provided it to TMC. The current plan is to continue to use the old lot of TMC 170 until it is depleted, but that may take several years and thus minimize the years that the new TMC 170 can be utilized due to the 5 year shelf life. A decision was made to wait until the May 8th meeting for a more in-depth discussion on how to proceed with testing the new TMC 170.

TMC 171 can be reblended as is, so the supplier is in the process of reblending. A more detailed discussion will take place at the May 8th meeting to determine the next steps in qualifying the new oil.

The OSCT meeting was adjourned at 10:57 am.

Respectfully submitted,



Donald R. Bell/Chairman

Appendix

Oil Seal Compatibility Surveillance Panel

Date: 3/27/2024

Initials	V = voting NV = Non-voting	Name	Company & Address	e-Mail	Phone #
NA	V	Nick Ariemma	Lubrizol 29400 Lakeland Blvd. Wickliffe, OH 44092	nick.ariemma@lubrizol.com	
RB	V	Rob Banas	ExxonMobil Technology and Engineering Co. 535 Thomas Lane Waleska, GA 30183	rob.banas@exxonmobil.com	770-833-5920
DB	V	Dylan Beck	TMC 203 Armstrong Dr. Freeport, PA	djb@astmtmc.org	412-365-1037
DB	V	Don Bell (Chairman)	Afton Chemical 500 Spring St. Richmond, VA 23219	don.bell@aftonchemical.com	804-788-6332
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SC	V	Steve Carr	Dana	steve.carr@dana.com	
	NV	Michael Charron	SWRI	michael.charron@swri.org	
	V	Allen Comfort	US Army CCDC-GVSC RDTA- DP/MS110 6501 E. 11 Mile Rd. Warren, MI 48307- 5000	allen.s.comfort.civ@army.mil	586-282-4225

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KG	V	Kimberly Gutierrez	Intertek Automotive Research 5404 Bandera Rd. San Antonio, TX 78238	kimberly.hernandez@intertek.com	
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	NV	Mahdi M-Pour	Tribodens		
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