

Oil Seal Compatibility Test (OSCT) Surveillance Panel Meeting Minutes

June 13, 2019

Don Bell

Participants via Webex:

B. Grinfield (SWRI)                      K. Gutierrez (Intertek)                      M. Lopez (Intertek)  
 D. Beck (TMC)                              J. Clark (TMC)                              C. Knight (TEI)  
 D. Smith (Intertek)                      W. Venhoff (Lz)

An OSCT Surveillance Panel Webex meeting was called to order by D. Bell at 10:35 am on 6/13/2019.

The recent qualification results shown below on Fluoroelastomer lots FL407, FL408 and FL409 from Labs C and G were reviewed. The green cells highlight passing results for all lots of FL in TMC 169 reference oil, but the red highlights failing hardness and volume % increase (elongation passed) in only TMC 171 for the approval run.

FL407					
		Lab B	Lab C	Lab G	
160-1 Oil	Approval Run		133731-OSCT		160-1 replaced by 171 for approval. Only need to complete approval runs using 169 and 171
	Accompanying Reference		138334-OSCT		
169 Oil	Approval Run		135233-OSCT	135099-OSCT	
	Accompanying Reference		138334-OSCT	135098-OSCT	
171 Oil	Approval Run		143055-OSCT DHA HIGH	143107-OSCT PVCA HIGH	
	Accompanying Reference		119354-OSCT	135106-OSCT	

FL408				
		Lab B	Lab C	Lab G
171 Oil	Approval Run		143055-OSCT DHA HIGH	143107-OSCT PVCA HIGH DHA HIGH
	Accompanying Reference		119354-OSCT	135106-OSCT
169 Oil	Approval Run		143055-OSCT	135107-OSCT
	Accompanying Reference		119354-OSCT	135106-OSCT

FL409				
		Lab B	Lab C	Lab G
171 Oil	Approval Run		143056-OSCT DHA HIGH	143108-OSCT PVCA HIGH
	Accompanying Reference		119354-OSCT	135106-OSCT
169 Oil	Approval Run		143056-OSCT	135108-OSCT
	Accompanying Reference		119354-OSCT	135106-OSCT

Since the test labs have consumed their approved slabs of FL and TEI does not have any approved FL inventory, the industry is not able to run candidate D5662 testing and obtain J2360 approval.

The test labs commented that their failing results in TMC 171 were fairly consistent, and thus question the limits established on TMC 171 with a relatively small data set of ~ 9 values. The TMC will carefully review the TMC 171 limits and include any other data points as possible. There was a concern also raised that the failing results could be real and reflective of lower quality slabs of FL, but many did not believe that is not the case.

To avoid shutting-down the industry from obtaining J2360 approvals, TMC has allowed an exception for this case to proceed with the following motion. A motion made by B. Grinfield and 2<sup>nd</sup> by W. Venhoff was unanimously approved with 5 votes to approve FL407, FL408, and FL409 with reference oil TMC 169, but TMC 171 must also be run side-by-side as the non-jeopardy oil, and results will be reviewed with TMC within the next month to determine how to proceed.

Test labs can now place orders for approved FL 407/408/409 since they are released for sale by TEI. TEI inventory just prior to the 6/13/2019 webex:

FL407: 164 slabs

FL408: 161 slabs

FL409: 174 slabs

A motion made by D. Bell and 2<sup>nd</sup> by B. Grinfield was unanimously approved with 5 votes to adjourn the OSCT Panel meeting at 10:58 am on 6/13/2019.

Respectfully Submitted,

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

Donald Bell/OSCT Chairman