

# Oil Seal Compatibility Test (OSCT) Surveillance Panel Meeting Minutes

Teleconference

8/26/2013

D. Bell

## Participants:

D. Bell (Afton)                      C. Knight (TEI)                      B. Grinfield (SWRI)                      S. Parke (TMC)  
J. Gropp (Lz)                              A. Chan (Lz)

The OSCT Surveillance Panel meeting was called to order at 2:04 pm on 8/26/2013.

The fluoroelastomer inventory at Test Engineering Institute (TEI) was reviewed, which showed that there are 91 approved slabs of FL389 fluoroelastomer available for purchase for ASTM D5662 testing.

TEI has 182 unapproved slabs of FL390. Both labs (Lz and SWRI) conducted qualification testing on 6 dumbbells of FL390 and reported results to Test Monitoring Center (TMC) for compilation and graphing against Shewhart severity limits.

The initial FL390 qualification testing in the Appendix shows that Lab B data was high above severity limits for % elongation and % volume change (actual data point is off chart >3.00) in TMC reference oil 160-1 and below severity limits on % volume change in TMC 169. Therefore, Lab B repeated testing of FL390 in both TMC 160-1 and 169 reference oils with 6 dumbbells as initially tested. As can be seen from the data in the Appendix, the repeat data for Lab B of FL390 falls within the severity limits in both reference oils.

A motion made by D. Bell and 2<sup>nd</sup> by B. Grinfield passed unanimously (5 approved): Effective immediately, approve FL390 for conducting candidate testing per ASTM D5662. TEI was informed to release FL390 for sale. TEI has also recently placed an order for another ~200 slabs of new FL391 elastomer to ensure a sufficient inventory. FL391 qualification data will be reviewed when available.

A motion to adjourn made by D. Bell and 2<sup>nd</sup> by B. Grinfield was unanimously (5 approved) approved at 2:14 pm on 8/26/2013.

Respectfully Submitted,

Don Bell

# **Appendix**

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**FL390: TMC Qualification Data**





