

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

12/15/2008

D. Bell

Meeting Attendance:

D. Bell (Afton)

B. Grinfield (SWRI)

D. Misich (Lz, phone)

J. Mattern (Lz)

J. Gropp (Lz)

M. Kasimirsky (TMC)

J. Keiter (Lz)

We reviewed the recent reference seal data from Lz that is available on the TMC website for the new Fluoroelastomer batch, FL-375, consisting of 200 slabs. SWRI submitted data as well but it was not yet confirmed by TMC or posted at the time of the meeting, but appeared that all of the data was acceptable. The SWRI data will be reviewed by TMC and if it fails to meet Shewart severity limits, then the OSCT chairman will be notified to take appropriate action. Inspection of the FL-375 Lz-generated data relative to Shewart severity limits shows that shore hardness, % volume change, and % elongation for FL-375 fall within the current FL acceptance bands and are very close to typical values in reference oils 160-1 and 161-1.

Motion by J. Gropp and 2nd by B. Grinfield: Effective 12/15/08, approve Fluoroelastomer batch FL-375 for reference and candidate oil tests since the data are within acceptable limits. Motion approved (3 approved/1 abstention/0 opposed).

TMC is in the process of distributing FL-375 to the test labs for candidate testing as per orders placed by the labs. A new lot of Fluoroelastomer (FL-376, 200 slabs) is currently being tested at both test labs, so when this data is available TMC will notify the OSCT chairman to establish an OSCT Surveillance Panel meeting to review the qualification results.

Nitrile (lot NI-333, 320 slabs) was tested by both labs for qualifying this lot. TMC is currently compiling the data and will contact OSCT chairman when the data is available for review so that an OSCT Surveillance Panel meeting can be set-up to review the data. Since this is a relatively large batch of NI and it is not used as frequently as Polyacrylate or Fluoroelastomer, a decision was made to not order the next lot, NI-334, until a decision is reached on the acceptance of NI-333.

A new lot of Polyacrylate, PA-339, is also being tested for qualification at both labs, so TMC will notify OSCT chairman when this data is also ready for review.