

Oil Seal Compatibility Test (OSCT) Surveillance Panel Meeting Minutes

Teleconference

12/12/2011

D. Bell

Participants:

S. Parke (TMC) J. Keiter (Lz) B. Grinfield (SWRI) J. Gropp (Lz)
B. McGlone (Meritor) T. Muransky (Meritor) D. Bell (Afton) C. Knight (TEI)
T. Marougy (Eaton)

TMC reference oil TMC 161-1 has been discontinued, and a SAE J2360 oil, TMC 169, was identified as a replacement reference oil. TMC has ~5 drums of TMC 169, and the test labs have been conducting side-by-side D5662 testing with TMC 169 along with the other reference oils to collect data for establishing acceptance bands. The side-by-side testing has been ceased as agreed upon at the last OSCT Surveillance Panel (SP) meeting since it was decided sufficient data was available to establish TMC 169 acceptance bands and to conserve elastomers. An hour discussion was held with regard to establishing new acceptance bands for TMC 169 since the initially proposed bands by TMC were relatively tight for some of the parameters, which raised concern about repeating the past where failing results were obtained due to very tight acceptance bands being set off of only a few elastomer batches not reflecting the true variability of the base polymer.

A suggestion was made to establish TMC 169 acceptance bands based on the standard deviation over the past few years from a similar reference oil, such as TMC 161-1, to reflect the possible standard deviation over a much larger sample population of elastomer batches. Once more data is obtained on TMC 169, then the acceptance bands can be revised accordingly. J. Gropp will issue an email to the OSCT SP to propose a procedure for developing TMC 169 acceptance bands so that all can review and respond. D. Bell will hold a follow-up OSCT SP teleconference on January 6, 2012 to fully address the input on the proposal and decide upon the best approach to establish TMC 169 acceptance bands.

A motion made by B. Grinfield and 2nd by J. Gropp passed unanimously (7 approved) passed to adjourn the meeting at 3:32 pm on 12/12/2011.