

Daimler Surveillance Panel Meeting Minutes

March 27, 2018

10:00 A.M. CST

Call Participants:

Lubrizol - Patrick Joyce, Kevin O'Malley, John Loop
Southwest Research Institute –James McCord, Travis Kostan
Intertek - Jim Moritz, Josh Ward
Daimler - Suzanne Neal
Infineum - Jim Gutzwiller, Elisa Santos, David Brass, Bob Salgueiro, Jun Cui
Chevron Oronite –
TEI – Derek Grosch, Mark Sutherland
Afton – Cory Koglin
TMC – Sean Moyer

Reports:

Parts Update – No update

New Business

Batch “C” Reference Results Discussion – All labs had started their reference test on the new Batch C liners and two of those labs had tests scuff and complete with hours to scuff results as shown below. The reference test at Lubrizol was at 196 hours at the time of the meeting with no signs of scuffing. All labs ran utilizing the same reference oil (864-1).

IAR- 30 Hours to Scuff Result

SwRI- 31 Hours to Scuff Result

Lz- 196 Hours at time of meeting, No signs of scuffing.

It was requested that the statistics group take a look at the surface roughness data of the liners for a possible explanation of the different results. Some time will be allowed so that this data can be reviewed by the group and the panel will reconvene to discuss.

Discussion also took place regarding IAR's reference run and whether it should be considered valid since it was stopped prior to reaching the 2 kPa crankcase pressure limit. After further discussion, the acceptability of test will be pending until an operational data review can be completed. Patrick (Lz) will send out an operational template to the labs so that operational data for these reference runs can be submitted and reviewed at the next meeting.

Due to the variability between the three tests, the panel decided not to approve the new liners for use at this time until a further review of the above discussed items can be completed. Calibration of all three tests will be pending the acceptance of the liners.

Next Meeting:

Next meeting is scheduled for Friday April 13th from 10:00 AM to 12:00 PM CST.