

DD13 Surveillance Panel Teleconference Meeting Minutes

January 10, 2017

9:30 AM CST

Call Participants:

Lubrizol - Patrick Joyce, Kevin O'malley
Southwest Research Institute – Jose Starling
Intertek - Jacob Goodale, Jim Moritz
Daimler - Suzanne Neal, Greg Braziunas
Infineum - Jim Gutzwiller, Elisa Santos, David Brass, Bob Salgueiro
Oronite - Jim Rutherford, Mark Cooper
TMC – Sean Moyer
TEI - Mark Sutherland, Derek Grosch
Exxon Mobile – Bhaskar Prabhakar
Evonik - Don Smolenski
Afton – Bob Campbell

Agenda Topics

- **Approval of last meeting's minutes**
Minutes of last week approved.
- **Parts Update – Mark Sutherland**
No major parts changes. Acquisition of batched liners in progress.
- **Fuel Update –**
No new update at the moment.

Unfinished Business

- Statistics review of reference data – Kevin O'Malley
The last reference run at Lubrizol failed to meet reference requirements by running long similar to the previous runs at other labs. Discussion on what type of coordinated tests would be the best to perform in order to assess whether this is a stand, oil, hardware or variability issue.

Much discussion took place on what lab should run which test but it was decided that it would be best to run one test at a time so that we could make decisions based on the previous result. It was decided that Lubrizol would run their stand "B2" once again on batch B rings using 864-1. Within this discussion it was asked if a further comparison between batch A and batch B rings was needed. Mark cooper will look into a possible metallurgical analysis comparison between batch A and batch B rings.

- Statistics review of stylus difference – Kevin O'Malley
TEI supplied a data set of 100 liners which were measured using both styluses for this analysis. Kevin looked into the possibility of determining if a correlation existed between the stylus measurements which could be used to finalize liner specifications. Liner measurements from each of the stylus's show to correlate with each other. Most of the

group was in support of keeping the 0.0001" stylus since that is how all our previous data was measured. It was discussed that we should wait till the batched liners are available to see if any changes to the specification is necessary.

Next Meeting

Next meeting is scheduled for February 2, 2017 at 10:30 EST.