

**Cummins Surveillance Panel
April 1, 2016 Teleconference
Meeting Minutes**

Attendance:

Intertek – Jim Moritz, Mey Dewey
SwRI – Jim McCord, Jose Starling, Jim Carroll
Afton – Bob Campbell
Lubrizol – Nick Secue, John Ahlborn, Kevin O’Malley
Oronite – Mark Cooper, Marnix Torreman
Infineum – Bob Salgueiro
TEI – Dan Lanctot
TMC – Jeff Clark, Sean Moyer
Cummins – Cliff Burbrink, Christie Jackson, Corey Trobaugh

ISM Hardware Status – The main purpose of the call was to resume discussion about running coordinated reference tests to introduce new hardware batches for the ISM. After discussion, general consensus settled on the following:

- The panel will wait for feedback from Cummins on main bearing availability before deciding whether or not to allow the re-use of main bearings. Once the feedback is received, the panel will make a determination via email ballot or conference call. Test labs were encouraged to save their main bearings.
- The panel will continue to work towards coordinating references to introduce new hardware: Batch F crossheads, newly batched injector pushrods, scalloped cylinder heads. Timeframe for the references is approximately two months from now.

Negative Wear Values – A candidate test recently produced a ‘negative value’ as a result of low wear combined with the correction factor. ***A motion (McCord, Campbell) was made to limit the minimum wear value to zero for both ISB wear parameters. The motion passed without objection.*** The TMC will issue an information letter accordingly.

Subsequently, ***a motion (McCord, Campbell) was made to limit the minimum wear value to zero for all ISM wear parameters. The motion passed without objection.*** The TMC will issue an information letter accordingly.

ISM Soot Adjustment – May Dewey suggest that the panel may need to review the ISM soot adjustment. After discussion it was agreed to make this review part of ongoing panel business. Kevin O’Malley agreed to spur the effort. Jim Moritz will request ACC to provide a histogram of average soot and the 150 hour soot.

Next Meeting – the next teleconference will be held at the call of the chair.