

CAT Panel Teleconference Meeting Minutes – September 17th, 2024

Conference Attendees:

Infineum: Jacob Goodale (Chairman), David Brass, Andrew Smith

Caterpillar: Mark Jarrett

Intertek: Timothy Griffin, Joshua Ward (Secretary), Khaled Elnagi

SwRI: Bob Warden, Jose Starling

Afton: Joseph Hoehn, Amanda Stone

Lubrizol: Alex Ebner

TMC: Sean Moyer

Chevron: David Lee, Jo Martinez, Laura Birnbaumer

TEI: Dan Lanctot

Navistar: Heather DeBaun

Agenda Items:

- C13 Low Vis prove out update
- C13 Reference Oil Re-blend (831-5)
- EOAT / COAT Update
- C13 Procedural Items
- AOB

Discussion:

C13 Low Vis Prove Out Update:

- SWRI provided update on prove out work. See attached presentation.
- Jumper on oil pressure sensor proved to shift ECM measured oil pressure and prevent derates
- IVA system was not evaluated
- Procedure will need to be updated to capture these changes

C13 Reference Oil Re-blend (831-5):

- New blend of reference oil had some small changes compared to 831-4.
- Discussion on whether to run coordinated references or allow references to be ran as labs run out of calibration status.
- Some 831-4 oil stills remains at labs
- Lab B will run 831-5 when stand expires and results will be reviewed by the SP.
- TMC will evaluate previous test data in LTMS to look at shifts between reference oil blends.

EOAT / COAT Update:

- Reviewed operational data from the 1005-6 runs at labs A and G.
- Some micromotion control issues during first 20 hours of one of the lab G tests. SP discussed an agreed test results are valid. Both tests will be included in the data set analysis

- 5 of the 6 tests have been completed. Lab A declined to run the final test. Discussion will continue to see if Lab G should run the 6th test instead. Stats group will review and get back to the SP.

C13 Procedural Items:

- Heat exchanger part number called out in procedure is no longer available. The procedure will be updated to allow for updated/superseded part numbers to be used.
- External oil weight system requirements were proposed to be updated from 10-13L to 10-25L to allow for use of the lab's standard equipment.
- These items will be further reviewed and discussed on a future SP call.

Other Notes:

Action Items:

Next Meeting:

- TBD