

CAT Panel Teleconference Meeting Minutes – April 22nd, 2024

Conference Attendees:

Infineum: Jacob Goodale (Chairman), Elias Santos, David Brass

Caterpillar: Mark Jarrett, Lysie Delp

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

SwRI: Jose Starling

Afton: Joseph Hoehn, Amanda Stone

TMC: Sean Moyer

Chevron: David Lee, Jo Martinez

TEI: Dan Lanctot

Navistar: Heather DeBaun

John Deere: Barbara Goodrich

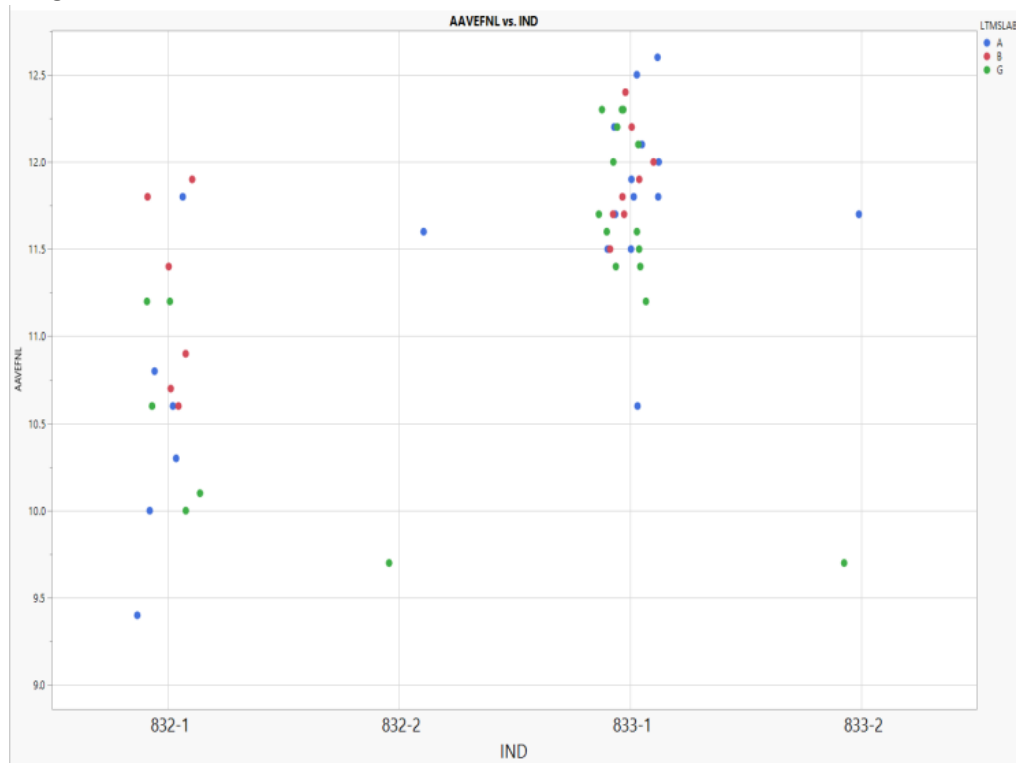
Agenda Items:

- COAT New Reference Oil and 1005-6 data review
- C13 Ring Weight Loss, motion revisit and revote
- C13 Deposit test procedure corrections
- AOB

Discussion:

COAT New Reference Oil and 1005-6 data review:

- Operational data from previous 832-2, 833-2, and 1005-6 will be reviewed during the next SP meeting





C13 Ring Weight Loss, motion revisit and re-vote:

- Mark Jarrett made the following motion which was seconded by Jacob Goodale
 - Add top ring weight loss as a record only parameter to the C13 deposit test procedure as well as the data dictionary and report forms. Top ring weight loss will be measured following the T-12 pre and post test preparation procedure excluding the outlier screening requirements in reporting. This change will be implemented once data dictionary and report forms have been updated and the information letter sent out.
 - This motion amended a previous motion made by the panel in order to further specify the method of measuring ring weight loss
 - The motion carried with no waives or negatives

C13 Deposit test procedure corrections:

- Sean Moyer made the following motion which was seconded by Josh Ward
 - Therefore I make the motion to change section A13.1.4 from: A13.1.4 If max |TOffsetpiston| /SDTGCO \geq 1.887, the outlier screened average top groove carbon is identical to the average top groove carbon from A13.1.1.
to:
A13.1.4 If max |TOffsetpiston| /SDTGCO \leq 1.887, the outlier screened average top groove carbon is identical to the average top groove carbon from A13.1.1
 - This motion was to correct an error in the C13 test procedure
 - The motion carried with no waives or negatives

Other Notes:

- The prove out run at SWRI for low viscosity oils in the C13 is pending completion. CAT has recommended that the labs will need to modify the engine oil pressure measurement hardware instead of changing the engine calibration. SWRI will provide an update when one is available.

Action Items:

Next Meeting:

- To be scheduled once operational data is available from both labs for the COAT matrix testing that has been completed.