

CAT Panel Teleconference Meeting Minutes – November 16th, 2023

Conference Attendees:

Infineum: Jacob Goodale (Chairman) Jim Gutzwiller, Elias Santos, David Brass, Michael Madalian

Caterpillar: Mark Jarrett, Lysie Delp

Intertek: Hung Nguyen, Timothy Griffin, Joshua Ward (Secretary), Joe Franklin

SwRI: Bob Warden, Jose Starling

Afton: Bob Campbell, Joseph Hoehn, Amanda Stone

TMC: Sean Moyer

Chevron: David Lee, Jo Martinez

TEI: Dan Lanctot

Navistar: Heather DeBaun

Exxon: Paul Rubas

Agenda Items:

- Addition of ring weight loss to C13 deposit test
- Low Vis prove out in C13 Deposit Test
- COAT / EOAT Equivalency funding update
- COAT reference oil introduction.
- AOB

Discussion:

Addition of Ring Weight Loss to C13 Deposit Test:

- CAT would like to start recording the top ring weight loss on future C13 deposit tests. This will be a record only parameter. The T12 ring weight loss procedure will be followed.
- This will require updates to the C13 test procedure, data dictionary and report forms. TMC will be making these updates and sending out the information letter.
- Mark Jarrett made a motion to 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 T12 procedure. This will be implemented once data dictionary and report forms have been updated and the information letter has been sent out.
 - 2nd by Joshua Ward
 - TMC and TEI Waived
 - Motion Passed
 - Estimated Implementation Date January 2024

Low Viscosity Prove out in C13 Deposit Test:

- Lab A has installed their shakedown engine to begin proving out the low viscosity oil. Expected timeframe to run shakedown is Q1 2024.

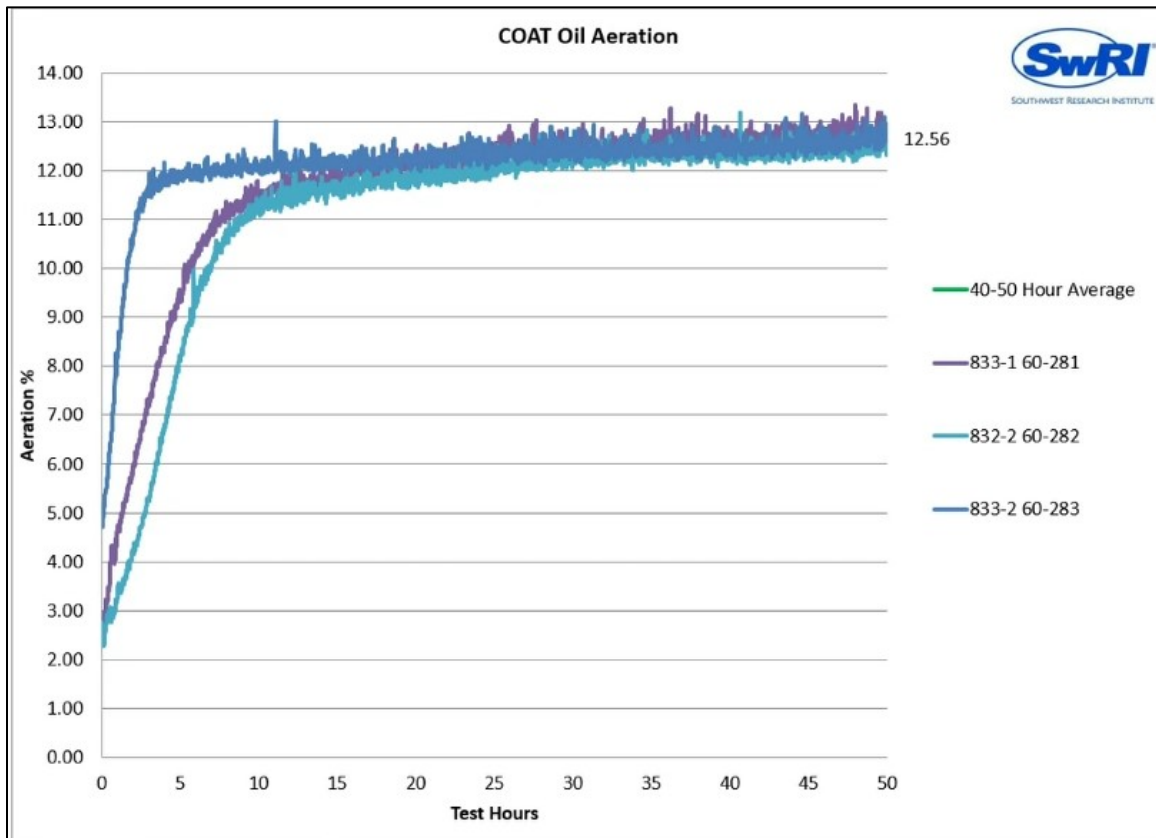
COAT/ EOAT Equivalency Funding:

- x2 tests to be ran at Lab G and x1 at Lab A

- Funding was approved from ASTM for x3 tests
- Needs to be ran in 2023 on 1005-6 oil using batch A filters. TEI has x10 batch A filters left in inventory which they will continue to hold for future testing needs.
- The labs expect all three tests to be ran immediately

COAT Reference Oil Introduction:

- Lab A ran calibration tests on 833-1, 833-2, and 832-2 with minimal discrimination between the oils. 832-2 oil aeration results were higher than the previous blend.



- Lab G is currently running a test on 832-2 and will share results once available.

Other Notes:

- 194 Batch B Oil Filters Left at TEI

Action Items:

- Need to get a forecast on COAT testing demand for PC-12 to determine timeline for Batch C oil filter introduction. At recent run rates, the current supply of 194 filters would last for approximately two years.

Next Meeting:

- Expect next meeting to be schedule for January 2024