

January 26th, 2023

Caterpillar Surveillance Panel Teleconference Minutes

Conference Attendees:

Infineum - Jacob Goodale (Chairman), James Gutzwiller, Elisa Santos, David Brass, Michael Madalian

Caterpillar - Mark Jarrett, Lysie Delp

Intertek - Josh Ward (Secretary), Hung Nguyen, Joe Franklin

SwRI – Bob Warden, Jose Starling, Travis Kostan

Afton – Bob Campbell

Lubrizol - Alex Ebner, Bill O’Ryan

Chevron – Jo Martinez, Robert Stockwell, Laura Birnbaumer

Navistar – Heather DeBaun

John Deere – Barbara Goodrich

Exxon – Paul Rubas

TEI – Dan Lanctot

TMC – Sean Moyer

Agenda Items:

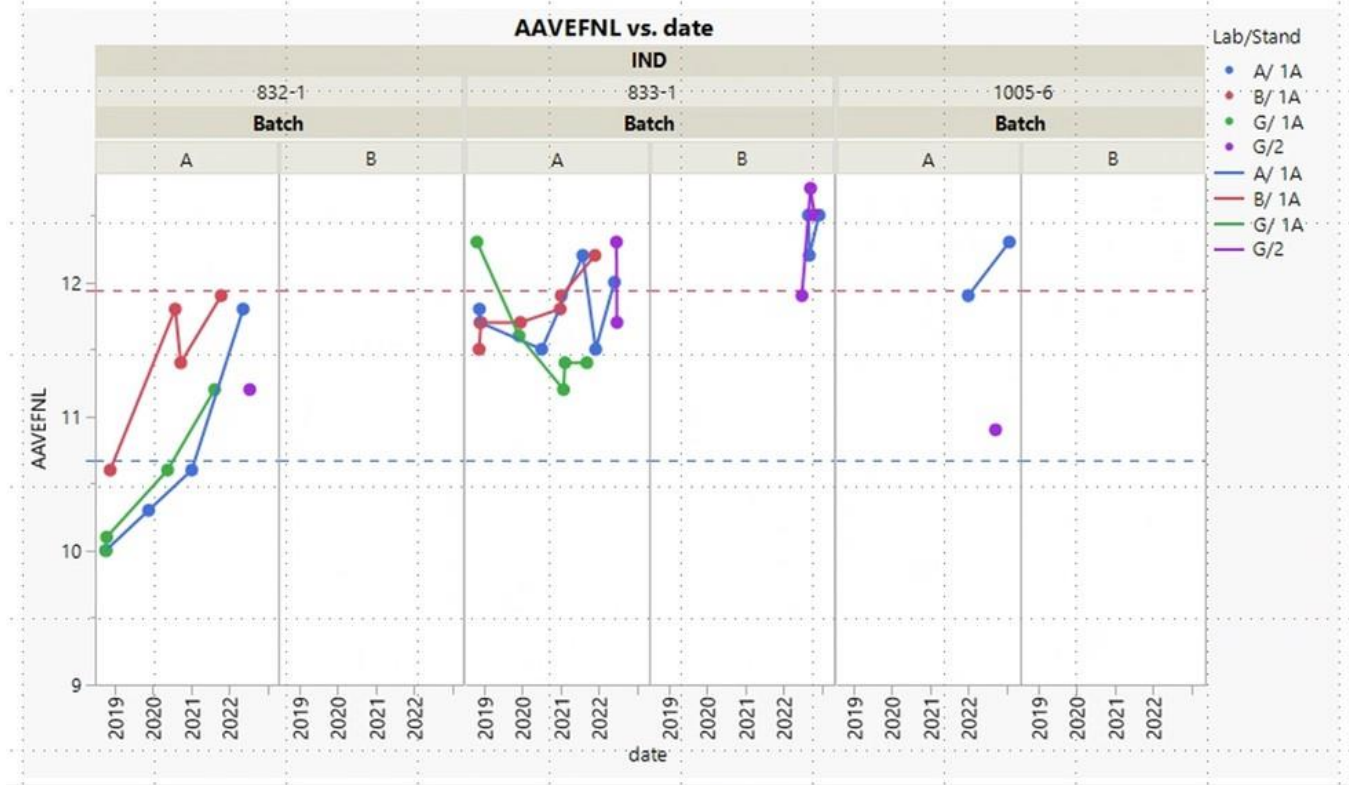
- EOAT/COAT
 - Update on final COAT run in December 2022
 - Define Next Steps
- C13 Deposit test calibration update validation plan
 - Need to remove derate flag in calibration and check operational data
- REO Planning
 - 832-2
 - 833-2
- AOB

Discussion:

EOAT / COAT Updates:

- SWRI test on 1005-6 that was ran on 12/22, results were inline with historical results. The test was completed immediately following a reference test which also had slightly higher aeration results.
- Elisa Santos presented COAT data:

Aeration versus time by Oil, filter batch, Lab/Stand combination



- SP needs to determine plan for remaining COAT tests
 - X3 COAT Tests and x1 EOAT Test Left to Run
 - Will need to be discussed with API

CAT C13 Calibration Update Validation:

- Need to remove derates in calibration to accommodate lower oil pressure
- Low pressure IVA fault occurs when running low viscosity oils which causes a 5% derate. Mark Jarrett will discuss internally at CAT
- SWRI will run shakedown on updated calibration file using a 0W-16 oil to validate.

832-2 Introduction:

- No known component changes between 832-1 and 832-2
- Only 270 gallons of 832-1 oil remaining
- X1 test will be ran on 832-2 with batch A filters to compare to 832-1 results

C13 Procedure Update:

- Motion from Sean Moyer. Bob Campbell 2nd
- Panel agrees to change all references to the “fall heavy duty rating workshop” and “heavy duty rating workshop” in the CAT test procedures to the “ASTM deposit rating workshop”. The rating workshop requirement shall also be added to the C13 test procedure.

- TEI Waived
- Motion Passed

Actions:

- Schedule next CAT SP Call

Next CAT SP Call: TBD