

**June 17<sup>th</sup>, 2020**

## **Caterpillar Surveillance Panel Teleconference Minutes**

### **Conference Attendees:**

Hind Abi-Akar, Mark Jarrett - Caterpillar  
Jim Gutzwiller (Chairman), Elias Santos, David Brass - Infineum  
Josh Ward (Secretary), Hung Nguyen - Intertek  
Bob Warden, Travis Kostan, Jose Starling - SwRI  
Christian Porter, Bob Campbell - Afton  
Sean Moyer – TMC  
Prasad Tumat - Haltermann  
Heather DeBaun - Navistar  
Mark Cooper - Chevron  
Jonathan VanScoyoc – CP Chem  
Dan Lanctot, Mark Sutherland - TEI  
Barbara Goodrich - John Deere  
Alex Ebner – Lubrizol

### **Agenda Items:**

- COAT as alternative/replacement test for EOAT in Legacy API “C” Categories
- Alternative fuel supplier – Haltermann Solutions
- CP Chem Fuel Additive Change
- Hardware issues
- Set a date for COAT test procedure review
- Any Old Business / New Business

### **Discussion:**

COAT as alternative/replacement test for EOAT in Legacy API “C” Categories

- Currently waiting to hear back from API on proposal for funding for COAT / EOAT equivalency testing
- Proposal was for two tests at each lab
- Hind will follow up with API on status of the proposal

Alternative fuel supplier – Haltermann Solutions

- Prasad from Haltermann presented a proposal to run two test of each test type for PC-9 and PC-10 fuels.
- Operational and test acceptance details were briefly discussed
- The following motion was made by Jim Gutzwiller and seconded by Prasad Tumat:
  - The CAT panel will begin the process of determining the acceptance and operational criteria required to bring in an alternate fuel supplier for PC-9 and PC-10 fuels
  - CP Chem Waived, None Opposed, Motion Carried

- Travis Kostan will put together a preliminary pass/fail criteria for the COAT, 1N, 1P, and C13
- Operational data for the 1N will also be compiled for review during the next SP meeting

#### CP Chem Fuel Additive Change

- John VanScoyoc from CP chem discussed a future change to the antioxidant additive.
- The additive has more of an effect on storage of the fuel and maintaining cetane numbers and they do not believe it will affect testing. The fuel will still meet the current fuel specifications.
- Currently have at least two years of the additive and their supplier can possibly provide another two years' worth of the additive.
- Discussion will continue on future calls

#### Hardware issues

- Fuel flow micrometer for 1N/1K engine is no longer available from Starrett. 263MRL and RV263MRL part numbers are discontinued. Afton may have extras.
- Only 76 COAT oil filters left in stock. Started with 280 in 2016. Hind will follow up on lead time for future order. New filters should be brought in on referencing due to known effect of filters on test results.

#### Set a date for COAT test procedure review

- Updated COAT test procedure was posted to TMC website
- Jim G will organize a small group meeting to review the updated procedure.

#### **Actions:**

- Follow up with API on status of COAT proposal – Hind
- Put together preliminary pass/fail stats for CAT testing of the proposed alternate fuel supplier – Travis Kostan
- Compile 1N operational data for future discussion on alternate fuel supplier – Travis Kostan
- Determine lead time for COAT oil filters – Hind
- Organize small group meeting to review COAT procedure updates – Jim G

**Next CAT SP Call Scheduled for 07/08/2020 9:00 AM CST**