

Cummins Surveillance Panel Teleconference
April 19, 2021 15:00 – 16:30 EDT

Attendance:

Sean Moyer - TMC
Jim Matasic, Nick Ariemma - Lubrizol
Christian Porter, Todd Dvorak - Afton
Bob Warden, Jose Starling - SwRI
Andrew Smith, Martin Chadwick - Intertek
Dan Lanctot - TEI
Phil Shelton - Cummins
Elisa Santos, David Brass, Jim Gutzwiller - Infineum
Prasad Tumati - Haltermann Solutions
Steve Jetter – ExxonMobil
David Lee, Jo Martinez - Oronite

Agenda:

- Cummins update on batched camshafts

Phil Shelton gave an update on the status of reworking of the latest batch of ISB camshafts. The camshafts were sent back to the supplier and are now in the suppliers possession. The supplier has revised specifications from Cummins to regrind the camshafts. There is plenty of material to regrind and have camshafts meet the specifications for the test. Supplier can start grinding may 31st. Will do 72/week total until all 400 have been reground. Andrew asked if the supplier could send out some cams as soon as they are reground. Phil said the supplier has committed to send the first 30 camshafts they rework in order to get the industry moving. There is a question about whether to send them via ground or air and Cummins logistics will work to find the safest fastest method. Phil asked TEI how quickly they could turn them around and Dan indicated they could have the kits turned around in a day. That puts the earliest start for coordinated references around the 14th of June.

Labs will let the TMC know how many kits they have and we can discuss a redistribution of hardware. Phil was asked if it would be possible to move up the date of regrinding at least the first 30 camshafts to get them into the labs hands as soon as possible. Phil indicated that May 31st was only the initial date the supplier gave him and that he will push them to do better during his next discussion with them and report back to the panel if anything can be done to accelerate that timeline.

- ISB Alternate Fuel Supplier Criteria Document Review (Attached for review)

Andrew motioned that the panel adopt the ISB alternate fuel supplier criteria and update the test procedure accordingly. Prasad seconded the motion. The panel voted on the motion, there was no opposition, and the TMC waived.

- ISM Build Room Temperature

Lubrizol asked that the panel considering revising the requirement in section 10.9.3.2 of D7468 of maintaining the sludge rating room at 24 ± 3 C to 24 ± 4 C to allow greater flexibility in rating locations. Martin Chadwick brought up that the panel should consider that increasing the range on both ends tends to increase the variance between labs and that the range should only be moved downward or only changed on the lower side. It was asked what the original intent of setting a range for the rating room was during test development. No one could remember. Jim Matasic and Sean Moyer volunteered to dig into the background and report back at the next meeting.

- ISB/ISM Instrument Calibration Interval

Jim Matasic pointed out that in both D7468 and D7484 sections 8.3.2.2 and 8.3.2.3 require that the stand instrumentation be calibrated before every reference test and every 9 months. This can lead to doing stand calibrations at 9 months and then again at 12 months for the next reference.

Jim Matasic motioned that the panel revise both D7468 and D7484 to remove the 9 month interval for stand instrumentation calibrations. Jose Starling seconded the motion. The panel voted on both motions. There was no opposition and no waives.

Meeting adjourned at 15:35 EDT.