

**Mack/Volvo Surveillance Panel Meeting**  
**September 15, 2020**  
**1:30 PM – 3:00 PM EST**

**Attendees:**

**Afton:** Todd Dvorak, Abaigeal Ritzenthaler, Ben Maddock  
**Chevron Phillips Chemical:** Jon VanScoyoc  
**ExxonMobil:** Steve Jetter, Paul Rubas  
**Haltermann:** Prasad Tumati  
**Infineum:** David Brass (secretary), Elisa Santos  
**Intertek:** Garrett White  
**Oronite:** Mark Cooper (chair), David Lee  
**SWRI:** Travis Kostan, Isaac Leer, Bob Warden, Jose Starling  
**TEI:** Derek Grosch  
**TMC:** Sean Moyer

**Agenda:**

1. Mack T-11 alternate fuel supplier and usage guidelines
2. Mack T-12 coordinated references for parts
3. Soot/viscosity round robin
4. Mack T-12 alternate fuel supplier criteria discussion

**1. Mack T-11 alternate fuel supplier and usage guidelines**

- Bob W (SWRI): There have been no other comments or concerns raised on the Annex Document (*T11 Fuel Transition Requirements Draft 9 2 20.pdf* available in the minutes from Sept 2, 2020)
- **Bob Warden (SWRI): Motion for this document to be made an Annex for the Mack T-11 Procedure**
- **Prasad Tumati (Haltermann) Seconds the motions.**
  - i. Afton – Approve
  - ii. CP Chem – Waive
  - iii. ExxonMobil – Approve
  - iv. Haltermann – Approve
  - v. Infineum – Approve
  - vi. IAR – Waive
  - vii. Oronite – Approve
  - viii. SWRI – Approve
  - ix. TEI – Approve
  - x. TMC – Waive
  - xi. Lubrizol – Approve (Response furnished to Chair after the meeting as not present for call)
  - xii. Volvo – “*OK with this change for alternative fuel*” (Response furnished to Chair after the meeting as not present for call)

**2. Mack T-12 coordinated references for parts**

- **Garret White (Intertek) motions that those labs that are ready to run should start running coordinated reference testing with all testing targeted to be completed by the end of**

**November. Previous hardware would be allowed to be run in those stands testing new hardware, while labs await the completion of the new hardware testing. There will be no net gain or net loss on reference calibration periods.**

- **Bob Warden (SWRI) seconds**
  - i. Opposed – None
  - ii. Waived – None
  - iii. Approved – All
  - iv. Mark (chair) to follow up with Lubrizol after meeting
- Bob W (SWRI) – If you run new parts and continue to run on old parts and the new parts aren't cleared do you lose reference status
- Sean (TMC) – You need to declare parts donation to not lose reference status with the parts. However, if you declare donated parts then you don't get reference status from the test of the new parts.

### **3. Soot/viscosity round robin**

- Bob W (SWRI): Do we need to run all tests on all samples. Concerned that highly sooted samples should not run standard KV test. Also, low sooted samples don't need the sooted KV test.
- Mark (Oronite): Think we should run all of the tests on all samples
- Bob W (SWRI): Okay with all tests as long as we are not running standard KV on highly sooted samples.
- Garrett (IAR): Recommended that new fresh oil be sent out with the used oil samples to help with FTIR measurements.

### **4. Mack T-12 alternate fuel supplier criteria discussion**

- Mark (Chair) initiated the process for new fuel for the Mack T-12
- Bob W (SWRI): volunteered SWRI to start the draft document for this test
- Average front and rear exhausts manifold temperatures, average power, average injection timing, Intake CO<sub>2</sub>, and Exhaust CO<sub>2</sub> will be the starting point for operational parameters to be looked at for the Mack T-12
- Operational data should be sent to Bob W (SWRI) to collate

2:10 PM meeting adjourned