

**Cummins Surveillance Panel Teleconference
September 25, 2018 10:00 – 11:00 EDT**

Attendance:

Sean Moyer - TMC
Nick Ariemma - LZ
Christian Porter - Afton
Jose Starling - SwRI
Jim Moritz, Andrew Smith - Intertek
Matthijs opden Brouw - Chevron Oronite

Agenda:

ISM Charge Air Cooler alternatives

ISB Oil pan gasket leaks

- 1) ISM Oil consumption calculation** - Each lab went over their method of oil consumption calculation. All labs doing the calculations basically the same with some differences on the accounting. Matthijs share and example of the Oronite calculations. There was discussion around the Oronite method and clarification of how it is being done. Oil consumption will be calculated by reference the oil weight at the beginning of each period.
- 2) ISM Charge Air Cooler alternatives** - Labs interested in seeking alternatives should provide pressure drop data for their Modine coolers at ISM test conditions. That data will be reviewed and then language can be drafted to allow alternative equivalent coolers.
- 3) ISB Oil pan gasket leaks** - 4337596