

Cummins Surveillance Panel Meeting Minutes

May 6, 2026, 13:00-14:00 CST

Participants:

Afton – Joe Hoehn,

Chevron Oronite - Marnix Torreman, Josephine Martinez, Laura Birnbaumer

Cummins – Phil Shelton

Exxon Mobil –

Infineum – Andrew Smith, Todd Dvorak

Intertek – Josh Ward (chair), Noor Alam Fayyaz, Greg Dannheim

Lubrizon – Jonathan Bolaney, Robert Slocum

SwRI – Joe Moore, Jose Starling, Robert Warden

TEI – Dan Lanctot

TMC – Wesley Venhoff, Sean Moyer

Agenda:

- ISBV Report Test Numbering Errors on Re-Reports
- ISM Coordinated Referencing Status Update

ISBV Report Numbering Errors:

- The main concern is the Z156 and Z108 hours in section 9.5.1 of the procedure. If a stand has only ever been calibrated for the 156 version, what should the Z108 be?
 - Some labs have used 9999 to indicate that the stand is not referenced for that version of the test.
 - This is not technically what the procedure states, but it does not have any language to address this issue. Using 9999 may have been the intention but it was not included in the procedure.
- The consensus is to use 9999 as the indicator that the stand is not referenced for that version of the test. Reference test hours do not count against reference intervals

Motion: Update section 9.5.1 of the ISB Viscosity procedure to replace the last sentence to read “If the stand is not calibrated for that version (ISBV108 or ISBV156) of the test, report the value as 9999.” This update is effective as of 5/6/2026.

Jose Starling motions, Josh Ward seconds.

For: Afton, Oronite, Infineum, Intertek, Lubrizol, SwRI, TEI, TMC

Against:

Waive: Cummins

ISM Coordinated Referencing Status:

- SwRI and Afton have completed their tests and should be submitted soon.
- Lubrizol had a mechanical failure and has not started the rerun. Likely by the end of the month.
- Oronite is around 130 hours in.
- Panel will meet once Oronite’s data is in and evaluate the 3 available datapoints.

ISB ECM Discussion:

- IAR bought an ECM from a dealer that Cummins was able to flash.
- Injection timing, EGR and VGT were all controllable. The ECM functioned at both steady state and cycling.
- An ISM ECM is in the process of being flashed.
- Once the details are worked out, labs should be able to order ECM’s for either engine and send them to Cummins to be flashed.

Next Steps:

- Review ISM coordinated reference data once Oronite has completed its’ run.
- Phil Shelton to flash an ISM ECM and send to a lab to test functionality.

Next Meeting: Once Oronite’s data is available.