

Cummins Surveillance Panel
April 27, 2016 Teleconference
Meeting Minutes

Attendance:

Intertek – Jim Moritz, Mey Dewey
SwRI – Jim McCord, Jose Starling
Afton – Bob Campbell
Lubrizol – Nick Secue, John Ahlborn
Oronite – Mark Cooper, Marnix Torreman, Jim Rutherford
Infineum – Elisa Santos
TEI – Dan Lanctot
TMC – Sean Moyer
Cummins – Christie Jackson, Corey Trobaugh, Ryan Denton

ISM Hardware Status – The main purpose of the call was to update the status of new hardware orders for the ISM and the timeline for running coordinated reference tests to introduce these new hardware batches.

- **Main bearing availability:** Main bearings are expected at Cummins this week. TEI may be able to begin shipping them as early as next week. Bearings may need to be ordered a la carte until the bearings can be added to kits at TEI.
- **Injector pushrods:** A large batch was received by Cummins but the majority of the shipment was damaged. Boxes were severely battered and very few of the pushrods are usable. Cummins is working to return the batch and secure another one. 42 days is the estimate timeframe that a new batch could be available to Cummins.
- The panel will continue to work towards coordinating references to introduce new hardware: Batch F crossheads, newly batched injector pushrods, scalloped cylinder heads. Timeframe for the references is contingent on the new batch of injector pushrods. Most labs would be out of or stretched very thin on hardware into the July timeframe.
- **Bare block availability:** Cummins was asked if bare blocks are still available through service. Cummins is looking into whether more bare blocks can be obtained.
- Cummins has started to look into platforms for replacing the ISM.

ISB Hardware Status – The main purpose of the call was to update the status of new hardware orders for the ISM and the timeline for running coordinated reference tests to introduce these new hardware batches.

- **Pushrods:** A new officially batched order of pushrods will be made. ~3000 pushrods will be ordered as part of the batch.
- **Long blocks:** TEI currently has 17 long blocks in inventory.
- **Rear gear housing:** There was some discussion about the availability of the rear gear housing and options for rebuilding or exchanging for other housing variants.
- **Cam batch K:** Currently there are ~200 batch K cams remaining. Enough for several years.

ISM Soot Adjustment – This item is moving forward as discussed during the previous call and will be a topic for a later meeting.

Next Meeting – the next teleconference will be held at the call of the chair.