

**Cummins Surveillance Panel Teleconference  
August 17, 2020 14:00 – 15:30 EDT**

**Attendance:**

Sean Moyer - TMC  
Jim Matasic - Lubrizol  
Christian Porter, Bob Campbell, Abaigh Ritzenthaler, Todd Dvorak - Afton  
Jose Starling, Bob Warden, Jim McCord - SwRI  
Andrew Smith, Martin Chadwick - Intertek  
Mark Cooper - Chevron Oronite  
Dan Lanctot - TEI  
Phil Shelton - Cummins  
Elisa Santos, David Brass, Charlie Leverett - Infineum  
Prasad Tumati - Haltermann Solutions  
Jon VanScoyoc – CP Chem  
Steve Jetter – ExxonMobil

**Agenda:**

- 1) Camshaft Wear Industry Action Alarm Discussion**
- 2) New hardware batch update**

**Meeting Minutes:**

**1) New hardware batch update**

Dan Lanctot reported that 296 cams were delivered to TEI and that 10 had been inspected so far and 4 had failed for pits near lobe. The pits are small but visibly noticeable with magnification and light. Taper measurements are in the high 0.030's to mid 0.040's but consistent. Lobe heights are also near the top of the lobe height spec. 150 to 170 cams will be available from this batch. Phil Shelton will present to the panel a new method of taper measurement once the current issues with the batch are resolved. Dan indicated that the pushrods are still on the way and should arrive shortly. They were to have shipped last week and should arrive anytime. Jose asked if Phil could elaborate on what he would like to suggest for taper measurement. Phil does have thoughts on how to measure the taper and why and would like to discuss that with the group during a future meeting.

**2) Camshaft Wear Industry Action Alarm Discussion**

Todd Dvorak updated the panel about the status of the statisticians working group analysis of the data for ACSW updates. Todd indicated that we are still waiting for clarification of some hardware information for one test key and that once that is finalized we should be able to discuss the results. The assumption is that the cam batch is J and the tappets are C. The lab is still working to dig up the information on the engine kit since the test in question was run so long ago. The stats group will

review the analysis based on the assumption of a batch J cam and batch C tappets and a revised presentation will go out before the new meeting on Friday 8/21 at 10 AM.

Meeting adjourned at 14:28 EDT.