

**Cummins Surveillance Panel Teleconference
December 1, 2020 3:00 – 4:30 EDT**

Attendance:

Sean Moyer - TMC
Jim Matasic - Lubrizol
Christian Porter, Todd Dvorak - Afton
Bob Warden, Travis Kostan - SwRI
Andrew Smith - Intertek
Dan Lanctot - TEI
Phil Shelton, Ryan Denton, Corey Trobaugh - Cummins
Elisa Santos, David Brass, Jim Gutzwiller - Infineum
Prasad Tumati - Haltermann Solutions
Jon VanScoyoc – CP Chem
Steve Jetter – ExxonMobil
Mike Deegan - Ford

Agenda:

1) ISB Camshaft Taper Effect on Reference Results

Andrew reviewed data he compiled for reference results vs the camshaft taper value. The data was from nine valid reference tests. Andrew stated that he did not see a correlation between camshaft taper and camshaft or tappet wear numbers.

Andrew then asked if using the data he presented, the panel would be comfortable with increasing the taper spec limit the group had previously instituted in order to allow more camshafts to be accepted and to balance hardware kits. Dan Lanctot stated that a 5 micron increase to the spec will give us an additional 7 kits for a total of 10 or 11 kits to use up the remainder of the hardware.

The camshaft taper spec would go from 30 microns to 35 microns. The timeframe for coordinated references could be pushed out to early 1Q 2021 if we increase the available kits of the older hardware.

All labs should be able to run coordinated references in the early 1Q 2021 timeframe. The goal is late January/early February for coordinated references on the new hardware batches.

Andrew Smith motioned to increase the camshaft lobe taper spec that TEI uses to screen camshaft hardware from 30 microns to 35 microns. Christian Porter seconded the motion.

There was no opposition and no waives. The motion passed.

Meeting adjourned at 3:30 EDT.