

Chain Wear Task Force Conference Call

March 25th, 2015

Three labs currently running reference oils.

-Afton: Starting Low Wear oil Monday, once complete will start another oil TBD

-SWRI: One test running on failing oil, another test about to start on passing oil. Once these tests are complete, they will run two more tests, one each on the reference oil, and one on the low wear oil

Intertek: One test running on low wear oil, then a repeat on the low wear oil.

Ashland: Hopes to complete stand in time to get one run in.

All tests should be complete, and data available on or about April 27th.

Ron plans to remove the data point on the low wear oil since the test had low blowby. George questioned whether blowby is a contributing factor. Amol presented an optional blowby cooling system. After much discussion, the topic was tabled. The location of the blowby gas temperature thermocouple was determined and will be described in the procedure.

George explained there may be some issues with chain “walk” using the new chain wear measurement tool. As the motor begins to spin, the chain tends to move across the gear teeth possibly leading to some inaccuracy in measurement. Ron to pursue a wider gear in hopes to circumvent this. Jason mentioned an alternative method of manually spinning the gears to seat the chain, then returning the chain to TDC.

Ron informed the group our 2.0 liter engine will no longer be built in Cleveland. The engine will be available only from the Valencia plant. Ford will end production entirely on this engine within the next 2-3 years.

Ron is checking with Borg Warner to see if there may be any differences with the new chain.

Information on connections for throttle control on the wiring harness will be included in the Chain Wear Procedure. This information will include drive-by-wire instructions. Most labs are currently controlling the test using this method.

Next Conference Call scheduled for Wednesday, April 1st at 1:00pm Eastern.

888-628-3668

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