

Chain Wear Task Force Conference Call

May 19th, 2015

Attendees:

SWRI – Felt Mounce

Intertek - Al Lopez, Jason Soto

Ford – Ron Romano

Afton – Christian Porter, Ed Altman

Lubrizol – George Szappanos, Michael Conrad, Kevin O'Malley, Alex Michlberger

Infineum – Gordon Farnsworth

TEI – Dan Lanctot

TMC – Rich Grundza

Oronite – Kustav Sinha, Mahboob Hosseini

Ashland – Tim Caudill, Amol Savant

OHT – Jason Bowden, Matt Bowden

Current Testing:

Intertek has just completed the good oil. The test was run to 312 hours

Afton is waiting on decision for test hours. Afton has run one good oil, and two reference oil tests.

Ashland is getting ready to start a run on the Reference oil. The test is scheduled for next week.

AOAP:

Ron reports the AOAP would like to see testing on 0W16 oils. He is having a 0W16 version of the reference oil blended. The oil should be ready in a week or two.

Data:

The group looked at charts generated by Rich using the data supplied by the labs. Very hard to interpret data with both steps and ramping all on one chart. After much discussion, all labs agreed to supply Rich with data separated by test stage. Both ramps to be on separated also. The data should be recorded

once a minute. Felt will supply his data to all labs, and they can use his format to report their data to Rich.

Oil Analysis:

Rich has posted oil analysis results on the website. If you've not already done so, please send him your results so he can post the rest of the analysis.

Blowby Measurement:

Christian is still working on the blowby comparison between the sharp-edged orifice and the J-Tec flowmeter. He hopes to have results within a week or so. His plan is to measure the next test using both. Labs are currently measuring blowby within 1" of the exit of the blowby heat exchanger. Intertek, SWRI, and Afton supplied measured blowby temperatures of their most recent tests. The decision is to use blowby temperature as the feedback for control. Stage one blowby temp will be controlled at $\pm 23C$, and stage two blowby at $\pm 78C$.

Blowby measurements were:

<u>Stage 1</u>	<u>Stage 2</u>
22.5	77
25	76
23	80

Next Runs:

Afton will run another reference oil. Inspection at 216, total test hours 264. Afton will wait until the group reviews the existing data before starting.

Ashland will start a test on the reference oil next week, then a run on the low wear oil. Inspection at 216, and total test hours 264. Ashland plans to start the reference oil run before the data review.

SWRI and Intertek will each run a test on the OW16 oil when it comes available.

Readiness Checklist:

Ron will re-send the readiness checklist and the labs will go over this and the Data Dictionary during the next call. The group will meet during SP week in San Antonio.

Next Call: Tuesday, May 26th 2:00pm Eastern