

# ASTM Chain Wear Task Force Conference Call

## Thursday 9<sup>th</sup> November, 2016

**Written By: Al Lopez**

### **Meeting Minutes:**

- The data to date was studied on two plots attached. These plots include the additional test from Lab A on oil 270 that was run after the BB stack modifications. The severity of the Lab A run showed the shift in severity that the group was hoping for.
- Felt presented a real time chemistry review with the Jump Software. We studied the chemistry and blowby of the PM tests and looked for differences.
  - Base number of the severe tests showed a steeper decline
  - The base number correlated to chain stretch
  - Tan/Tbn crossover correlates to severity – earlier cross is more severe
- A question was raised on the Intertek result that was higher than normal on 270 and the repeat of that run on the stand which was mild of the 270 target. An action item to study those two tests was made. IAR will review the chemistry and present any findings to the task force.
- Ron requested that we review all of the additional data. A total of 5 new tests were identified for review.



CW Data Plots  
111116.xlsx

### **Action Items**

1. Lab A to run oil 271 on the same stand that the recent 270 was conducted.
2. IAR to review the operational data from the hi and low 270 results.
3. Chadwick to finish the ramp data review
4. The group will review operational data from the 5 additional tests that have been conducted post PM

### **Hardware Update**

- The lifetime piston purchase orders have been submitted to FCS. Estimated delivery is end of January 2017.
- Ron is working on the solicitation for additional engine parts including critical hardware.

### **Next Meeting :**

- TF face to face meeting in San Antonio 11/17/16 at 3pm central.