

Sequence X Procedure Review Task Force Teleconference 11th July 2018

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1. Discussion on blowby measurement.
 - a. Jason discussed data from both J-tech and cart methods. The data was collected in parallel and found to be equal. This was the same as Christian saw at Afton and Demetrius at LZ.
 - b. The group decided to reduce the sampling window from 15 minutes to 5 minutes. This 5-minute window will be in the middle of second stage starting at minute 35 and ending at minute 40.
 - c. Blowby should be corrected to standard atmospheric conditions as is done using the cart method.
2. The labs agreed to install automated sampling mechanisms that route the blowby through a J-tech meter. The collection of data will be 30 seconds at 1Hz after a 1-minute stabilization.
3. The J-tech method of acquiring data will be added to the procedure. The cart method is still valid and usable. Labs will convert to the J-tech method at their own pace.
4. Demetrius will run a calibration test at LZ using the J-tech procedure with the revised acquisition time window and sampling rate.
5. Demetrius agreed to make a drawing of the J-tech configuration.
6. Khaled informed the group that Christine Eickstead will be the new Chain Wear Engineer at SWRI.
7. The solvent piston crown cleaning method that Jason presented at previous meetings has been abandoned. Intertek safety department informed us that the chemical we were proposing requires a respirator when using it. The task force agreed to keep using the ultrasonic method but not allow more than 30 consecutive minutes of use on the pistons. If 30 minutes is not sufficient to clean the crown and ring land area, the labs are allowed to use brushes to scrub the pistons and redo the ultrasonic cleaning for an additional 30 minutes. Jason to write the wording for the procedure. A warning will be added to prevent labs from leaving the pistons in the ultrasonic cleaner longer than 30 minutes at a time. The piston skirt coating may be removed with excessive ultrasonic cleaning.
8. A proposal was made to hang the pistons upside down and only submerge the crown and ring land area into the ultrasonic cleaner. No one objected to this and the method seems acceptable and within the intent of the procedure.
9. PCM order solicitations have gone out to the labs. The deadline for payment is July 18th.
10. Ron is waiting for KS to respond on making new BB pistons for the LSPI test.