

## Sequence III Surveillance Panel Meeting Minutes

WebEx / Teleconference

Thursday April 13, 2017 09:00 – 10:00 CST

*As the host, I have not in the past and will not in the future record any ASTM meeting and there are no “authorized persons” that may record an ASTM meeting. As a reminder to everyone the recording of ASTM meetings is prohibited.*

### 1.0) Attendance

See [Attachment 1](#).

### 2.0) Chairman Comments

Chairman Stockwell reminded the group that ASTM meetings are not to be recorded.

### 3.0) Approval of minutes

3.1) Minutes from 03/30/2017 WebEx Conference Meeting  
Approved as issued.

### 4.0) IIH Action Items

4.1) Considering that labs are receiving engines from the final buildout, Let’s discuss final use dates for dealer engines. **Altman / Stockwell**

Ed Altman of Afton updated the group in regards to some voluntary engine re-distribution that has occurred among the labs for the dealer engines. Ed estimated the industry dealer engine inventory will last through mid-June. Some labs will be running a mix of dealer and FCA engines in the interim.

4.2) PVIS Severity on batch 4 Pistons **Tang**

Haiying Tang of Chrysler started the discussion. Of concern is an apparent lack of PVIS discrimination among three reference oils. Jo Martinez of ChevronOronite ran a quick statistical check and confirmed the lack of discrimination though the ranking of the oils has still been maintained. The panel expects more data in the near future which, based on comments, is expected to continue the discrimination problem. It was noted that within two weeks almost twice as much data will be available. This topic will be an agenda item for future meetings.

4.3) IIH Second Ring Squareness **Bowden** – see [Attachment 2](#)

Jason Bowden distributed a technical memo regarding this concern. This issue appears to be limited and OHT will immediately replace any affected hardware.

4.4) Sequence IIIF/G parts reuse cleaning. **Schweitzer** – see [Attachment 3](#)

Addison Schweitzer of Intertek presented and noted that the ultrasonic cleaning method produced the best results. Following the presentation, Addison moved (Jason Bowden second):

“Any rocker arm assembly OHT3F-058-1, that does not show excessive wear or deformation, and has been cleaned following the ultrasonic cleaning guidelines outlined in section 9.5 of the IIIF/G test procedure and soaked in EF411 for a minimum of 1 hour be allowed for reuse in the Sequence IIIF/G test type following a successful reference test with the effective date of 4/13/2017”. The motion carried 17-0-1.

A build manual and/or information letter revision will be issued accordingly.

#### 4.5) IIIF/G CPD Parts Status **Bowden**

The demand for Seq. IIIF & G both still remain higher than the Seq. III Surveillance Panel originally estimated. OHT currently has approximately a one month inventory supply of the OHT3H-058-1 ROCKER ARM ASSY. OHT also has approximately a 4 month supply of the original lower and upper #2 flange main bearings (OH-104 & OH-105). Jason Bowden (Charlie Leverett, second) made the following motion:

“Approve the use of cast OH-104 & OH-105 bearings upon completion of a successful reference.” The motion carried 17-0-1.

#### 4.6) Sequence IIIF/G Parts summary. **Stockwell** – see **Attachment 4**

Robert Stockwell presented; based on this summary it was estimated there was at least 100 runs worth of parts available to the industry. Addison Schweitzer will present further on this at the next meeting.

### 5.0) **Old Business**

5.1) Surface finish round robin update – to be discussed on the next call.

5.2) IIIF to IIIFH correlation test status

Pat Lang reported that SwRI has two tests remaining; once they finish calibrating stands they will move to running the correlation tests. There was some question on what parts batch and/or engines these tests should be run on. The panel asked Pat to hold on these tests until this question is resolved.

### 6.0) **New Business**

6.1) IIIF/G Front Cover

Jason Bowden noted a part number change due to a vendor change (not a specification change). The new part number will end in ‘-2’.

6.2) Draft IL for Stand Numbering

Rich Grundza noted that the draft IL which had been circulated for review will be distributed soon given no comments have been received.

6.3) Designation of Chrysler Engines

Rich Grundza noted the need to be able to match candidate tests parts to corresponding parts run for reference. Rich moved (Leverett second):

“All tests include in the test report comment section: ‘Dealer supplied engine’ or ‘FCA supplied engine’ until all the dealer engines have been run.” This motion carried 17-0-1.

Similarly, Rich will include ‘DLR’ or ‘FCA’ in the Itms data file comments fields until the dealer engine supply is exhausted.

7.0) **Next Meeting**

Tentatively scheduled for May 4, 2017 at 9:00 CDT.

9.0) **Meeting Adjourned** – 10:25 am CDT.