

Unapproved Minutes of the June 3, 2014
Sequence VG Surveillance Panel
Conference Call

The meeting was called to order by Chairman Andy Ritchie at 2:00 PM EST.

Mike McMillan agreed to take the minutes of the meeting.

A list of the attendees on the call is included as Attachment 1.

Chairman Ritchie listed the agenda items he would like to cover in this call:

- 1) Approval of the minutes from the May 6, 2014 Sequence VG Panel conference call
- 2) Confirmation of schedule for future meetings of Sequence V Panel
- 3) Review Sequence VG Panel report to ASTM B.01
- 4) Report from Dan Worcester on roller follower pin wear requirements in industry specifications
- 5) Additional Old Business
- 6) New Business
- 7) Next meeting/call

Chairman Ritchie asked if there were any corrections to the minutes from the May 6, 2014 VG Panel Conference call. There being none, Jason Bowden moved and Ed Altman seconded a motion to approve the minutes. The motion was approved unanimously.

Chairman Ritchie indicated that he wishes to continue to convene Sequence VG/VH SP conference calls on the first Tuesday of each month for the foreseeable future to cover both current Sequence VG-related issues, as well as issues related to the development of the new Sequence VH test. However, as the next call would be on July 1, which is in the middle of a holiday week, he is proposing cancelling the call next month. If anything should come up this month which needs to be addressed, a call on this or another date could be convened. This means the next regularly scheduled VG SP call will be convened at 2:00 PM EDT on August 5.

Chairman Ritchie noted that he had circulated a draft of the semi-annual report to Subcommittee B and Section B.01 on Sequence VG Panel activities. He asked if there were any comments on the draft report. Since there were none, that is the report that will be given at the Indianapolis, IN meeting the last week in June.

Dan Worcester was asked whether he had completed his review of existing specifications (e.g., ASTM D4485, API 1509, etc.) and whether roller follower pin wear measurement is a requirement in any of them. Dan indicated he had done this, and that none of the specifications required measurement of that parameter. Dan therefore made a motion to remove Section 13.7 of the VG procedure. Rich Grundza seconded the motion. In discussing the motion, Ed Altman questioned whether Ford still requires that measurement as part of its internal specification. Ron Romano replied that it is not in the current specification and that he does not believe it will be included in the VH test procedure. The motion to remove Section 13.7 in the VG procedure was approved unanimously (11 affirmative, 0 negatives, 0 waives).

Chairman Ritchie asked Ed Altman, chair of the ad hoc group on VH parts procurement, to report on the status of efforts to secure the necessary parts for VH stand setup. Ed reported that an initial parts order is in progress of being filled. Eckert will machine the cam bores in the cylinder heads after they are received. A second order for other parts necessary is also in progress. Ron reported that the development group is still looking at what PCM will be used. It will most likely be the Bosch ETAS control unit, as the Ford ECC IV ECU controller used in the VG test is no longer in production or available. SwRI has modified the calibration software and dyno wiring harness so that the ETAS unit can be used and is preparing a second unit for Intertek to evaluate. Ron added that a mini round robin between SwRI and Intertek had revealed some differences in the coolant flow meters between the labs, resulting in some variation in coolant flow. The two labs are addressing this to reduce the variation between the labs.

It was decided to defer any additional discussion of Sequence VH development as well as developments in the Chain Wear Test and LSPI Test until the next call.

Old Business: There was no additional Old Business brought before the Panel.

New Business: None

Next Meeting: The next regularly scheduled VG Panel conference call will be held Tuesday, August 5, 2014 at 2:00 PM EDT.

Attachment 1

Sequence VG Attendance for 6/3/14 Call

Infineum: Andrew Ritchie, Mike McMillan, Doyle Boese

Ashland Tim Caudill

Ford: Ron Romano

Haltermann: Tracey King

SwRI : Dan Worcester

Intertek: Al Lopez

Afton: Ed Altman

TMC: Rich Grundza

Lubrizol: Jerry Brys, Chris Mileti, Kevin O'Malley

OHT: Jason Bowden

TEI: Clayton Knight, Dan Lanctot