

Minutes of the Sequence VIF Task Force Teleconference Call

March 09, 2016 08:00 CST

The Sequence VIF Task Force was called to order by Chairman Dan Worcester at 08:00 CST. The meeting Agenda is included as Attachment 1. The meeting attendance is included as Attachment 2.

Chairman Worcester opened the meeting with a few general comments. The result that SRI reported to the ASTM-TMC for Sense Check 2, Run 1 was in error due to inadvertent inclusion of Sequence VID engine hour correction factor. Corrected report is being sent.

The minutes from the February 24, 2016 meeting were approved as written and are available on the ASTM-TMC web site. A motion for approval was made by Dan Worcester, second by David Glaenzer.

<ftp://ftp.astmtmc.cmu.edu/docs/gas/sequencevi/minutes/VIFTaskForceMinutes20160224.pdf>

SRI is running the second test in Sense Check 2, IAR is running their first. IAR reported that they had an error in the test program on the stand being utilized that did not recognize an out of specification BLB1/BLB2 shift. They continued to run the test with BLB1/2 shift greater than 0.40% and did not run BLB3. As the test had progressed significantly when the error was recognized, IAR elected to continue the test to fruition. The Task Force discussed the situation and endorsed the continuation of the test. Once we get to the end of or near the end of Sense Check 2, the Task Force may elect to have IAR rerun the test. IAR is in agreement with the plan of action.

Analysis of the Candidate 2 used oil samples at IAR from Sense Check 1 is continuing. IAR reported an error on the initial analysis and are retesting. Sense Check 2 samples will also be analyzed following the same protocol as Sense Check 1. Once those analyses are complete, the Task Force will decide if more analysis is warranted, assuming the matrix continues.

The next meeting of the group will be on March 23, 2016 at 08:00 CDT.

Having no further business, the meeting was adjourned at 08:18 CST.

Respectfully submitted,

David L. Glaenzer, Afton Chemical Corporation

GF-6B Sequence VIF Task Force
03.09.2016

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International dial-in number:
(678) 373-4882
Conference code:
1908975

Scope

The ASTM Sequence VI Surveillance Panel requested a Task Force be formed to determine if the Sequence VIE could be used for OW 16 oils. The TF will look at development of the VIF test using 100 °C oil temperature and 94 °C coolant temperature for stages 1, 3, 4, and 6.

Objective

Review the Toyota proposal and work on selection of reference oils, stands to support testing, and running the Sense Check and test matrices.

The agenda for this meeting is shown below.

- 1.0 Chairman's Comments
- 2.0 Roll Call
- 3.0 The minutes for 02.24.2016 are posted. They are:
<ftp://ftp.astmtmc.cmu.edu/docs/gas/sequencevi/minutes/VIFTaskForceMinutes20160224.pdf>
- 4.0 All reference oils are ready at the two test labs.
 - 4.1 Both labs are running Sense Check # 2
 - 4.2 The first SwRI run has been reported to TMC.
- 5.0 The matrix for Stage 1 Sense Check is complete. Stage 2 Sense is running. All tests are posted on the TMC site.
- 6.0 Additional Chem for FEI 2 for the matrix
 - ICP D-5185
 - TAN D-664
 - TBN D-4739
 - FTIR IIIG METHOD E-168
 - VIS D-445
- 7.0 Next meeting will be Conference Call on 03.16.2016.

Name	Affiliation
Adrian Alfonso	Intertek
Amol C Savant	Ashland
Andrew Ritchie	Infineum
Charlie Leverett	Intertek
Chris Castanien	Nesteoil
Cliff Salvensen	ExxonMobil
Cole Hudson	SwRI
Dan Worcester Jr.	Chairman, SwRI
David Glaenzer	Secretary, Afton Chemical
Denny Gaal	ExxonMobil
Doyle Boese	Infineum
Eric Liu	SwRI
Gordon Farnsworth	Infineum
Guy Stubs	SwRI
Jason Bowden	OH Technologies
Jim Linden	Toyota
Jo Martinez	Chevron
Kaustav Sinha	Chevron
Kevin OMalley	Lubrizol
Mark Adams	Tribology Testing
Mark Mosher	ExxonMobil
Martin Chadwick	Intertek
Matthew Bowden	OH Technologies
Michael Conrad	Lubrizol
Mike McMillan	Infineum
Nathaniel Moles	Lubrizol
Patrick Lang	SwRI
Ray Burn	ExxonMobil
Rich Grundza	ASTM Test Monitoring
Robert Stockwell	Oronite
Ron Romano	Ford Motor Company
Satoshi Hirano	Toyota
Teri Kowalski	Toyota
Timothy Cushing	General Motors
Todd Dvorak	Afton Chemical
Tracy King	Haltermann
Valerie Lieu	Chevron
William Buscher	Intertek
Bob Campbell	Afton
Mike Ragomo	ExxonMobil
Travis Kotan	SwRI
Thomas Hickl	GM Europe
Jonas Leber	GM Europe
Jerry Brys	Lubrizol
Christine Eickscade	SwRI

	02/10/16	02/24/16	03/09/16
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