

Minutes of the Sequence VIF Task Force Teleconference Call

October 14, 2015 08:00 CDT

The eighth meeting of the Sequence VIF Task Force was called to order by Chairman Dan Worcester. The meeting Agenda is included as Attachment 1. The meeting attendance roster is included as Attachment 2.

Chairman Worcester opened the meeting with comments that the PCEOCP has approved the Sequence VIE Precision Matrix. He also added that the Sequence VIF "Sense Check" testing would run in parallel with the VIE testing.

The minutes from the October 07, 2015 meeting were approved as written and are available on the ASTM-TMC web site. Motion for approval by Dan Worcester, Second by Jason Bowden.

<ftp://ftp.astmtmc.cmu.edu/docs/gas/sequencevi/minutes/VIFTaskForceMinutes20151007.pdf>

Richard Grundza of the ASTM Test Monitoring Center reported that RO 543 has completed testing and will be shipped today or tomorrow.

Both Southwest Research Institute and Intertek Automotive Research indicated they would be ready to start the "Sense Check" testing during the first week of November, 2015.

At our last meeting Chairman Worcester was tasked to define what additional used oil analyses and what methods should be used to conduct such on the Candidate 2 oil sample. In addition to the required viscosity measurements, the following analyses will be conducted: ICP(D-5185), TAN (D-664), TBN (D-4739), FTIR (IIIG METHOD E-168) and VIS (D-445). All chemical analysis be done at IAR and be reviewed at the completion of "Sense Check" tests. At that time the TF will decide if the additional analyses need be continued for the remainder of the matrix.

Having no further business, the meeting was adjourned at 08:25 CDT.

The next teleconference will be October 21 at 08:00 CDT.

Respectfully submitted,

David L. Glaenzer, Afton Chemical Corporation

GF-6B Sequence VIF Task Force

Toll-free dial-in number (U.S. and Canada):

(866) 588-1857

International dial-in number:

(678) 373-4882

Conference code:

2894131

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 attached 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, if you have any additions please send them to me and Cc this distribution.

- 1.0 Chairman's Comments
- 2.0 Roll Call
- 3.0 Approval of Minutes from Meeting 10.07.2015
<ftp://ftp.astmtmc.cmu.edu/docs/gas/sequencevi/minutes/VIFTaskForceMinutes201501007.pdf>
- 4.0 Oil 543 is at TMC and will be tested then shipped to labs.
- 5.0 The matrix for VIF testing has been chosen. IAR and SwRI will update on start dates at each lab for the Sense Check.
 - 5.1 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
 - 5.2 SwRI recommends all chemical analysis be done at IAR and be reviewed at the completion of Sense Check tests on whether to continue. VID and VIE only run VIS on new and FEI 2 samples.
- 6.0 Next call October 21, 2015 at 8:00 AM Central Time.

ATTACHMENT 2

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

	09/23/15	09/30/15	10/07/15	10/14/15		
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