



Address 100 Barr Harbor Drive
PO Box C700
W. Conshohocken, PA
19428-2959 | USA

Phone 610.832.9500
Fax 610.832.9666
Web www.astm.org

COMMITTEE D02 ON PETROLEUM PRODUCTS, LIQUID FUELS, AND LUBRICANTS

CHAIRMAN: RANDY F JENNINGS, TENNESSEE DEPT OF AGRIC, P O Box 40627, NASHVILLE, TN 37204, UNITED STATES (615) 837-5327, FAX: (615) 837-5335, E-MAIL: RANDY.JENNINGS@TN.GOV
FIRST VICE CHAIRMAN: JAMES J SIMNICK, BP AMERICA, 150 W WARRENVILLE RD, NAPERVILLE, IL 60563, UNITED STATES (630) 420-5936, FAX: (630) 420-4831, E-MAIL: SIMNICJJ@BP.COM
SECOND VICE CHAIRMAN: MICHAEL A COLLIER, PETROLEUM ANALYZER CO LP, 21114 HWY 113, CUSTER PARK, IL 60481, UNITED STATES (815) 458-0216, FAX: (815) 458-0216, E-MAIL: MICHAEL.COLLIER@PACLP.COM
SECOND SECRETARY: HIND M ABI-AKAR, CATERPILLAR INC, BLDG H3000, OLD GALENA ROAD, MOSSVILLE, IL 61552, UNITED STATES (309) 578-9553, E-MAIL: ABI-AKAR_HIND@CAT.COM
SECRETARY: SCOTT FENWICK, NATIONAL BIODIESEL BOARD, PO BOX 104848, JEFFERSON CITY, MO 65110-4898, UNITED STATES (800) 841-5849, FAX: (537) 635-7913, E-MAIL: SFENWICK@BIODIESEL.ORG
STAFF MANAGER: ALYSON FICK, (610) 832-9681, FAX: (610) 832-9668, E-MAIL: AFICK@ASTM.ORG

Originally Issued: November 17, 2017

Reply to: Richard Grundza
ASTM Test Monitoring Center
6555 Penn Avenue
Pittsburgh, PA 15206
Phone: 412-365-1031
Fax: 412-365-1047
Email: reg@astmtmc.cmu.edu

Unapproved Minutes of the November 15, 2017
Sequence V Surveillance Panel Meeting.

This document is not an ASTM standard; it is under consideration within an ASTM technical committee but has not received all approvals required to become an ASTM standard. It shall not be reproduced or circulated or quoted, in whole or in part, outside of ASTM committee activities except with the approval of the chairman of the committee having jurisdiction and the president of the society. Copyright ASTM, 100 Barr Harbor Drive, West Conshohocken, PA 19428-2959.

The meeting was called to order by Chairman Ritchie at 9:00 AM Central Time.

A list of attendees is included as attachment 1.

A copy of the agenda is included as attachment 2.

Minutes from the 11/3/2017 meeting were approved by voice vote.

Fuel Supplier Report

The panel discussed quantities of fuel available and the need for a reblend. With consumption rates increasing, it is anticipated that the current fuel batch will be consumed within the next 6-8 months. The supplier has been informed and advised to begin the process of creating a new blend. Andy Ritchie took on an action item to discuss the possibility of making a larger batch of fuel with the supplier.

VH Test Method

Cole Hudson updated the panel on the status of the procedure review, which is about halfway completed.

Appendix K

Appendix K review was completed during a previous meeting and this item is complete.

TMC Report

A verbal summary was given by Rich Grundza. VG parameters are in control with the exception of a precision alarm for AES. VH parameters are in control and there are 7 calibrated stands in 4 labs.

Sufficient quantities of reference oil are available and a reblend of 1009 is available.

The report is available at:

<http://www.astmtmc.cmu.edu/ftp/docs/gas/B01SemiAnnualReports/semiannualreports/B01%20SemiAnnualReport%20-%20OCT%202017.pdf>

The panel also reviewed the BOI/VGRA Matrix and it was noted that the stands used for this matrix will be required to reference on reference oil 1011, prior to starting the matrix.

The panel also reviewed the chairman's report to subcommittee D0.02 B.01

A review of scope and objectives was conducted.

D3525 Capillary Column for Fuel Dilution

The panel reviewed a proposed change to the method for determining fuel dilution. After considerable discussion, an action item was assigned to have labs review the use of D3525 with their personnel to determine the feasibility of implementing this method.

New Business

A number of items regarding new business were discussed.

Oil screen clogging rating methods were reviewed and it was agreed to form a task force to work on refining the oil screen rating procedure. Amol Savant agreed to head this group.

Also discussed was the impact of the transformation of Rocker Cover sludge. Because of the sign of the transformed value, its interpretation of severity (i.e. mild or severe) is different than the other parameters

in the Sequence VH. It was agreed to add a note to the report forms to caution users of the test on proper interpretation.

The panel reviewed a presentation on alternate suppliers and sole source statements in tests methods. The Technical Guidance Committee is finalizing guidelines on the introduction of alternate suppliers for critical test components and these guidelines will provide a framework for the introduction of alternate suppliers.

There were also some discussions about hardware and a laboratory had noted an issue with oil rings not be correct size. It was surmised that this may have been a packaging error. Labs were assigned an action item to measure the Sequence VH oil ring gaps for consistency and comparison between different piston oversizes.

The meeting was adjourned at 10:26 AM.

A listing of the motions and action items from this meeting is included as attachment .

Attachment 1
11-15-2017

ASTM SAN ANTONIO



Patrick Lang	SWRF	PATRICK.LANG@SWRI.ORG
Cole Hudson	SWRI	COLE.HUSSON@SWRI.ORG
Charlie Leverett	Infinium	charlie.leverett@ypha.com
Doyle Boese	Infinium	Doyle.Boese@Infinium.com
Amal Savant	Valvoline	ASavant@valvoline.com
PRASAD TUMATI	HALTERMANN	PTumati@jhaltermann.com
Ron Romano	Ford	Rromano@ford.com
Jim Linden	TOYOTA	LINDENJIM@LINDENCONSULTING.COM
Jason Bowden	OHT	jbowden@ohtech.com
Scott Stap	GM Racing	Scott.Stap@gm.com
Mike Raney	GM	michael.p.raney@gm.com
Jeff Hsu	Shell	J.Hsu@Shell.com
Jeff Clark	TMC	jcc@astmtmc.cmu.edu
Dan Lanctot	TEI	dlanctot@tei-net.com
BOB CAMPBELL	AFTON	
Todd Dvorak	AFTON	todd.dvorak@aftonchemical.com
LISA Dingwell	AFTON	LISA.dingwell@aftonchemical.com
JO MARTINEZ	ORONITE	jmartinez@chevron.com
ROBERT STOCKWELL	ORONITE	Robert.Stockwell@chevron.com
Ed Altman	AFTON	Ed.Altman@Aftonchemical.com
CHRISTIAN PORTER	AFTON	CHRISTIAN.PORTER@AFTONCHEMICAL.COM
Jim CARTER	GAGE PRODUCTS	JCARTER@GAGEPRODUCTS.COM
CLIFFORD SALVESEN	EXXONMOBIL	clifford.r.salvesen@exxonmobil.com
WILLIAM A BUSCHER III	INTERTEK	william.buscher@intertek.com
AL LOPEZ	Intertek	al.lopez@intertek.com
Rich Grundza	ASTM TMC	reg@astmtmc.cmu.edu
Jim Matasic	LZ	james.matasic@lubrizol.com
Andrew Stevens	LZ	andrew.stevens@lubrizol.com
Greg Miranda	LZ	greg.miranda@lubrizol.com

Attachment 2

Sequence V Surveillance Panel

November 15, 2017

SwRI 9:00-11.00 CST

Call-in Number : 888-272-5498

Access Code: 1938246

Agenda

- 1) Attendance.
- 2) Approval of minutes from November 3rd 2017.
- 3) TMC reports – Questions on semi-annual report.
- 4) Fuel supplier report.
- 5) Sequence VH procedure update.
- 6) Appendix K review
- 7) D3525 capillary column chromatography for fuel dilution measurements.
- 8) Review scope and objectives
- 8) Old business.
- 9) New business.
- 10) Adjourn.

Sequence V Surveillance Panel
November 15, 2017
9:00AM – 11:00AM
Southwest Research Institute
San Antonio, TX

Motions and Action Items
As Recorded at the Meeting by Bill Buscher

1. Action Item – Haltermann to monitor SVGM2 inventory level and report to the Sequence V Surveillance Panel on a monthly basis.
2. Action Item – Haltermann to start preliminary work for the SVGM2 rebuild process.
3. Action Item – Labs to review Lubrizol's D3525 Capillary Column Chromatography presentation with their analytical personnel for a future surveillance panel discussion.
4. Action Item – Vince Donndelinger from Lubrizol to follow up with the Sequence VG/H project engineer from each lab to review and answer questions on Lubrizol's D3525 Capillary Column Chromatography presentation.
5. Action Item – Request the industry raters to evaluate the current Sequence VG oil screen clogging rating method for potential improvement, and to make a recommendation to the surveillance panel for improvements to this rating method for the Sequence VH test.
6. Action item – Create a task force, with Amol Savant as chair, to finalize an updated oil screen clogging rating method for the Sequence VH test.
7. Action Item – Rich Grundza to revise Form 4 of the Sequence VH report forms, to include a note addressing the negative sign for the Rocker Cover Sludge transformation.
8. Action Item – Haltermann to re-evaluate the potential for producing a larger SVGM2 fuel batch, possibly as large as 1,000,000 gallons, and the surveillance panel chair to organize a follow up discussion between Haltermann, the ASTM TMC and the labs.

9. Action Item – Labs to measure the Sequence VH oil ring gaps for consistency and comparison between different piston oversizes.