ASTM Section D02.B0.10

Minutes of Meeting on June 22, 2009

Call to Order

ASTM Section D02.B0.10 on Standards Acceleration met on Monday, June 22, 2009 at 8:00 am in the Marriott Ballroom V-VI at the Norfolk Waterside Marriott in Norfolk, Virginia. There were six members and two guests in attendance. A list of attendees is shown in Attachment 1.

Minutes for December 8, 2008

The December 8, 2008 meeting minutes were approved.

Membership

Section 10 membership was reviewed. The updated membership list is shown in Attachment 2.

Facilitator Reports

Reports from facilitators were received. Written reports submitted are shown in Attachment 3.

The C13 test method was successfully balloted at the D02 level and is now D 7549.

Revisions to Specification D 5760 were balloted and approved at the D02 level.

The ROBO test method was successfully balloted at the D02 level. Comments from three voters were addressed. The method has been assigned number D 7528.

The E85 Emulsion test was balloted in Subcommittee B in April. After incorporating technical comments from two negative voters, another ballot was issued, this time concurrently at the Subcommittee B and D02 levels. Four negatives and 12 comments were received. Section B7 has developed a plan of action to address the negatives and comments. Another round of balloting will be needed.

Implementation of the ASTM Units Directive resulted in three Subcommittee B ballots and 26 D02 ballots. There were no negative votes received. Nine comments accompanied votes on the Subcommittee B ballot items and nine comments were on the D02 ballot items. All of the comments were satisfactorily addressed.

The draft of the Sequence VID method has undergone several reviews and revisions since the December ASTM meetings. The final draft is expected to be ready for Subcommittee B ballot by the end of July 2009.

The final draft of the gear oil Storage Solubility and Compatibility Test has been prepared for final review and approval by the surveillance panel. The method will then be sent to Subcommittee B ballot.

Facilitator Assignments

Current facilitator assignments were reviewed and are summarized in Attachment 4.

Old Business

The Section 10 Scope and Objectives (Attachment 5) were reviewed. No changes were made.

There was no other old business.

New Business

There was no new business.

Next Meeting

The next meeting is scheduled for December 7, 2009 in Anaheim, California.

Adjournment

The meeting was adjourned at approximately 8:40 am.

John L. Zalar
Chairman, ASTM D02.B0.10

Attachments

SECTION D02.B0.10

ATTENDANCE LIST

E.A HAP Thompson	BPL Global Stds Assc.	hapjthom@aol.com
Joe Franklin	Intertek-AR	joe.franklin@intertek.
Jerry Gropp	Lubrizol Corp	jerrold.gropp@lubriz com
FRANK FARBER	ASTM TMC	frf@astmtmc.cmo.edu
T.W Bates	Manats Consultancy	batsterwgw@aol.com
Aira Miró	PDVSA Intevep	mirooa@pdvsa.com
Karen Ericsson	ExxonMobil	karen.a.ericsson@exxonmobil com
JOHN ZACAR	TMC	

ASTM D02.B0.10 Membership List

T. Bates
50 Tower Rd. North
Heswall, Wirral CH60, 6RS
UNITED KINGDOM
+44-151-342-1193
batesterryw@aol.com

L. O. Bowman
728 Montecillo Road
San Rafael, CA 94903
415-479-3004
FAX 415-472-1570
jbfoodie@comcast.net

G. E. Callis
Spectrum Corporation
2019 SE Oxton Drive
Port St. Lucie, FL 34952-6066
561-337-5060
FAX 561-337-5061
ecallis@spectrumcorporation.com

F. Farber
ASTM Test Monitoring Center
6555 Penn Avenue
Pittsburgh, PA 15206
412-365-1030
FAX 412-365-1047
fmf@astmtmc.cmu.edu

J. Franklin
Intertek Automotive Research
5404 Bandera Road
San Antonio, TX 78238
210-523-4671
FAX 210-684-6074
joe.franklin@intertek.com

J. Gropp
The Lubrizol Corporation
29400 Lakeland Blvd.
Wickliffe, OH 44092
440-347-1223
FAX 440-347-1555
jlg@lubrizol.com

T. Selby
Savant, Inc.
4800 James Savage Road
Midland, MI 48642
989-496-2301
FAX 989-496-3438
tselby@savantgroup.com

P. L. Stringer
31 Seguin Street
Ottawa, Ontario K1J 6P2
CANADA
613-746-0647
FAX 613-746-9292
stringbeans@ca.inter.net

W.Sullivan
W. T. Sullivan, Inc.
5 Scheiber Drive
Brick, NJ 08723
908-930-3512
FAX 267-220-7750
wtsullivan@comcast.net

E. A. Hap Thompson
PPL Standards Development
404 Twin Oaks Lane
St. Johns, FL 32259
904-287-9596
FAX 904-287-9596
hapjthom@aol.com

B. Weber
Southwest Research Institute
6220 Culebra Road
San Antonio, TX 78228-0510
210-522-5911
FAX 210-684-7523
bweber@swri.edu

Facilitator Report to ASTM Section D02.B0.10 Standards Acceleration

Facilitator: Terry Bates
Report period: Dec. 2008 to June 2009

1. ROBO Test Method

This is a bench test designed to replace the Seq. IIIGA oil ageing engine test and has potential for use in ILSAC GF-5.

- The first draft was received in June 2008
- The Sub B ballot closed on Dec. 5, 2008
  - 30 affirmative, 0 negative, 11 abstain (comments 0)
- The D02 ballot closed on April 2, 2009
  - 125 affirmative, 0 negative, 352 abstain
  - This represents 67% return and 100% affirmative.
- Three ballots contained comments:
  - Rey G Montemayor suggested adding a summary of changes, but as this is a new method this is not necessary (or desired) and he withdrew his comment
  - Deanne M Emory commented on the mixed use of units. These are necessary for the ROBO method and will remain
  - Luc Girard submitted 8 comments. Three were accepted as editorial changes. Five were not incorporated as there were specific reasons for the original wording.

Following the successful D02 ballot, the method has been designated **D 7528**, *Standard Test Method for Bench Oxidation of Engine Oils by ROBO Apparatus.*

This method was fast tracked to enable it to be available for ILSAC GF-5. Although considerable editing was required, excellent cooperation from the SP (who carried out the precision round robin in the period involved) and chairman, Alan Flamberg, enabled the target to be met.

2. E85 Emulsion Retention Test

This method has potential for use in ILSAC GF-5 and is based on a Chrysler in-house test for measuring the ability of an oil to keep contamination from water and ethanol-based fuels in emulsion. It is being developed as an ASTM method by Savant.

- The first draft was received in March 2009
  - The draft was written as a Practice on the mistaken belief that because there were no precision data it could not be progressed as a Test Method. However, because the procedure gives a result, it falls under the ASTM definition of a test method rather than a practice
  - Further, because it is a qualitative method (i.e. free water is either present or not at the end of test), precision data are not required by ASTM, the following being the recommended precision statement:

    Precision and Bias—No information is presented about either the precision or bias of Test Method X0000 for measuring (insert here the name of the property) since the test result is nonquantitative.
  - A substantial number of revisions and changes were proposed, most of which were taken on board except the change from Practice to Test Method.
  - A Sub B ballot was initiated by Ted Selby in April with the following results:
    - 12 affirmative, 2 negatives, 3 comments, 18 abstentions (a 66% return)
- A new draft was written by Ted Selby to:
  - take account of the negatives and comments from the Sub B ballot
    - The negative voters accepted the changes
  - change the procedure from a Practice to a Test Method

  - specify the E85 fuel more precisely and improve the precision of measuring volumes.
  - make a significant number of editorial changes.
- In May Ted Selby initiated a concurrent Sub B and B02 ballot, the results of which are as follows:
  - 4 negatives, 120 affirmative, and 373 abstain. There were also 12 comments to affirmative or abstention votes.
  - The most serious negatives concerned the definition of the E85 fuel which needs to be defined in such a way that all labs use identical fuel.
- A plan of action has been devised by B07 to address the negatives and comments. A round robin is planned to help answer some of the issues raised by commentators and negative voters.

3. Gear Oil Storage Stability and Compatibility Test

As agreed at the Standards Acceleration meeting in Dec. 08, the method was completely re written as a non-quantitative method (i.e. additives either do or do not precipitate out). This allows the method to be progressed without the need for precision data which would require a very significant effort including the development of new reference oils because the current reference oils do not give precipitates. The procedures to quantify the amount of precipitated residues were placed in a non-mandatory Appendix so that they are available for research and other purposes.

The large number of changes which had been agreed in the previous drafts were also highlighted in the new draft so that the SP were appraised of all the changes being made (a new member, Intertek, joined the SP in Jan. 09).

The draft was sent to the SP for them to approve, reject or modify the proposed changes. Good input was received from 3 of the 6-member SP.

A new draft was written incorporating all the agreed changes. This left five substantive and 8 more routine items requiring resolution. A summary was prepared for the SP of these items, with proposals for resolution.

All matters were resolved at a teleconference on May 28 and a new draft produced for final SP approval for a Sub B ballot.

Lyle Bowman's Facilitator Report to B-10
June 22, 2009

I've spent about 200 hours on various assignments since the December, 2008 Meeting. Most of my efforts have been the implementation of the ASTM Units Directive, resulting in 26 D-2 ballot items and 3 Subcommittee B ballot items, all of which were balloted prior to this meeting. Summary attached.

There were no negative votes received. Nine comments accompanied votes on the D-2 ballot items, and there were also nine comments received on the Subcommittee B items. All of the comments were satisfactorily addressed resulting in several helpful editorial improvements.

After submitting the ballot items, it was subsequently learned that the SI 10 standard contained an error, and since it also provided few examples of correct SI rules and style guidance, the SI brochure and the NIST SP 811 Guide were obtained as supplementary references. These two references helped immeasurably in filling in the gaps of the SI 10 standard.

Consequently, knowing that there were several corrections that should be made in the 26 D-2 ballot items before publication, I went through each item again, made the appropriate corrections, and forwarded the corrected items to the ASTM editor prior to her developing the final proofs.

Additionally, comprehensive reviews were made of the C-13, SSCT, and E85 Emulsion procedures. Several editor's proofs and Information Letters were also reviewed.

Summary of ballot items processed by L.O. Bowman during last six months

Three Sub. B ballot items

D02.B0 (09-01) Ballot – Issued 12/18/08 and closed 1/19/09

D 6681
D 7422

D02.B0 (09-02) Ballot – Issued 12/24/08 and closed 1/26/09

D 5967

Twenty-six D02 ballot items

D02 (09-01) Ballot – Issued 2/20/09 and closed 4/2/09 – Ballot Items No. 4 through 30 (minus No. 9)

D 4485
D 5579
D 5662
D 5662
D 5704
D 5862
D 5966
D 5967
D 6557
D 6593
D 6681
D 6709
D 6750
D 6750
D 6837
D 6837
D 6891
D 6923
D 6984
D 7038
D 7156
D 7216
D 7320
D 7422
D 7452
D 7452

E. A. Hap Thompson
404 Twin Oaks Lane
St. Johns, FL 32259
904-287-9596
June 22, 2009

C-13

The C-13 TM passed SC B and was successfully balloted in D02 (02-09). The C-13 TM is now D7549.

D 5760

This specification was approved by D02 letter ballot and will have a 2009 date.

Sequence VID

I received the draft test method during late November 2008. The draft TM has undergone several reviews and revisions since the December 2008 meeting. The RR was developed by the SP and the SP chairman. The RR was successfully balloted in PCEOCP. The SP Working Group with facilitator, met at the offices of OH Tech June 1-3. The draft TM was reviewed in great detail and those with action items were to send their information to the facilitator within 10 days. Once I clean up the draft TM, send it to Lyle for his comments, make those changes, the TM will be ready for SC B ballot.

Respectfully submitted,
E. A. Hap Thompson

E. A. Hap Thompson, Facilitator

Current Facilitator Assignments

Facilitator	Methods
T. Bates	SSCT, E85 Emulsion
L. O. Bowman	Methods Updates, D4485, SI Units
P. L. Strigner	None
E. A. Thompson	Sequence VID, PM-2

ASTM Section D02.B0.10
Standards Acceleration

Scope and Objectives

Scope

The section on Standards Acceleration maintains a staff of facilitators to expedite the establishment of standards relating to automotive lubricants. Facilitators' activities include upgrading test procedures to ASTM test methods, and revising standards as needed once they are adopted; the *Form and Style for ASTM Standards* to be followed in all cases.

Section 10 activities will include but are not limited to the following:

1. Determine priority among documents to be advanced to standards with the help of facilitators, based upon input from the appropriate subcommittee.

2. Evaluate and approve new facilitator candidates, as justified by the need for new facilitators.

3. Assign specific documents to selected facilitators.

4. Hear and evaluate the facilitators' reports presented at semiannual meetings of Committee D02. (Each facilitator's report shall be brief and shall include progress, problems, and costs related to his or her standards development activity.)

5. Assist the Test Monitoring Center in establishing funding for the Standards Acceleration Program.

6. Process revisions to D 4485, *Standard Specification for Performance of Engine Oils.*

7. Carry out any other activities relative to the Standards Acceleration Program as needed, or as directed by Subcommittee D02.B0.

Objectives

1. Report a summary to Subcommittee D02.B0 and to appropriate sections of the Standards Acceleration Program status, including actions for approval, at each semi-annual meeting of Subcommittee D02.B0.

Date of last review: 6/09