

ASTM Section D02.B0.10

Minutes of Meeting on December 5, 2016

Call to Order

ASTM Section D02.B0.10 on Standards Acceleration met on Monday, June 27, 2016 at 8:00 am at the Hilton Orlando Lake Buena Vista; Lake Buena Vista, FL. There were four members in attendance. The Agenda is shown as Attachment 1. The list of membership and attendance is shown in Attachment 2.

Minutes from June 27, 2016 Meeting

The June 27, 2015 meeting minutes were approved.

Membership

No membership changes.

Facilitator Reports

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

July 2016 - December 2016	
Facilitator	Hours
Lyle Bowman	60
Terry Bates	130
Hap Thompson	62

Facilitator Assignments

Current facilitator assignments were reviewed and are summarized below and on Attachment 4.

Facilitator	Test	Status
Terry	COAT	Completed - D8047
	L-37-1	Awaiting input from task force
	IIIH	A concurrent B and D02 ballot will be sent once the surveillance panel approves recent revisions to address negatives received on the recent Sub B ballot
	DD13	Completed – D8074
Hap	VIE	Sub B ballot will be sent in December
	VIF	Sub B ballot in 1 st Quarter
	IVB	Awaiting information from task force
	T-13	Completed – D8048
Lyle	D4485	Negative resolution necessary
	VH	Draft awaiting further revision before precision matrix.
	Chain Wear	Draft is awaiting precision information.
	LSPI	A draft has been started.

Old Business

No old business

Scope and Objectives

A review of the scope and objectives did not result in any changes.

New Business

No new business.

Next Meeting

The meeting will be Monday June 26, 2017 in Boston, MA

Adjournment

The meeting was adjourned at approximately 9:00 am.

Frank M. Farber

Chairman, ASTM D02.B0.10

Attachments

**ASTM Test Monitoring System
Executive Committee Meeting
Monday – December 5, 2016
5:00 - 6:30 PM**

Hilton Orlando Lake Buena Vista; Lake Buena Vista, FL


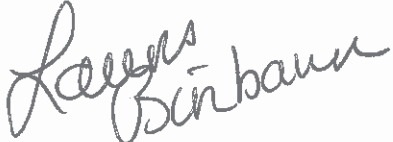


AGENDA

- 1. Call to Order**
- 2. Approval of Minutes - June 27, 2016**
- 3. Membership**
- 4. Receive, Accept and Take Action on Reports**
 - Technical Guidance Committee – Pat Lang**
 - Test Monitoring Center – Frank Farber**
- 5. New Business**
- 6. Old Business**
- 7. Next Meeting – Monday, June 26, 2017**
Boston, MA
- 8. Adjournment**

Adjournment

Frank M. Farber
Chairman, ASTM D02.B0.10

B10 Attendance List
December 5, 2016
Hilton Orlando Lake Buena Vista; Lake Buena Vista, FL

Contact Information	Membership Status	Present
Terry Bates 50 Tower Rd. North Heswall, Wirral CH60, 6RS UNITED KINGDOM +44-151-342-1193 batesterryw@aol.com	Voting Member	
Laura Birnbaumer Chevron Oronite 100 Chevron Way 60-1146 Richmond, CA 94802 LABI@Chevron.com	Voting Member	
Lyle O. Bowman 728 Montecillo Road San Rafael, CA 94903 415-479-3004 FAX 415-472-1570 lbowman@namwobl.com	Voting Member	
Frank Farber ASTM Test Monitoring Center 6555 Penn Avenue Pittsburgh, PA 15206 412-365-1030 FAX 412-365-1047 fmf@astmtmc.cmu.edu	Chairman/Secretary	
Joe Franklin Intertek Automotive Research 5404 Bandera Road San Antonio, TX 78238 210-523-4671 FAX 210-684-6074 joe.franklin@intertek.com	Voting Member	
E. A. Hap Thompson PPL Standards Development 404 Twin Oaks Lane St. Johns, FL 32259 904-287-9596 FAX 904-287-9596 hapithom@aol.com	Voting Member	

E. A. Hap Thompson
404 Twin Oaks Lane
St. Johns, FL 32259
904-287-9596
December 5, 2016

Sequence VI E

I have participated in the weekly conference calls to ensure I remain current on the relevant issues. Additionally, a small technical WG has held calls to work specific issues. It has been necessary to make major revisions to the draft standard over the last six months as a result of these calls and other changes to the method following completion of the precision matrix. The precision matrix data was completed and reviewed, the SP decided to limit the VIE engine life to 4 total tests with one reference and 3 candidate tests.

I sent the document to ASTM to be balloted on November 9, 2016, but the SC B ballot will not be issues until late December.

I have been working on the VIF document, which requires more input.

Sequence IV B

There have been numerous conference calls conducted by the WG, and I have been an active participate. The test team has made significant changes to the test procedure before Precision Matrix that includes: adding a 5th flush, which is an oil pan flush without the engine running. This flush is conducted prior to the 4 flushes with the engine running; added magnetic-inductive flow meters for engine and rocker cover coolant flow rate measurement and control; control engine coolant flow rate to 80 lpm for Stage 1 and 20 lpm for Stage 2; control blowby gas temperature to 32°C; changed intake air pressure from 0.07 kPa to 0.25 kPa; changed oil gallery temperature from 53°C to 54°C for Stage 1 and from 55°C to 54°C for Stage 2; changed exhaust backpressure from 103.5 kPa to approximately barometric pressure for Stage 1, by locking the control valve at the controller's output value at the end of Stage 2 just to mention a very few.

The significance is that the current test method will require major changes after the Precision Matrix is completed.

Volvo T-13

All the comments and negatives were resolved on this standard and it has been published as D8048. Some Information letters have also been published.

I spent 62 hours working on the 3 documents so far over the past 6 months.

Respectfully submitted,

E. A. Hap Thompson

E. A. Hap Thompson
Facilitator

Lyle Bowman's Facilitator Report to B-10
December 5, 2016

About 60 hours have been spent on various assignments since the June 27, 2016 Meeting.

These efforts included ongoing development of three new test methods, preparation of two D4485 D02 ballot items and ten D02 ballot items from approved Information Letters.

While nine of the D02 ballot items were approved with minor comments, three of them received negative votes.

The standardized TMC Introduction was mistakenly inserted in the D7528 (ROBO) D02 ballot item. The approved ROBO information letter, that was the basis for the ballot item, contained an edited version of the Introduction. As a consequence, the ROBO Surveillance Panel Chairman, Alan Flamberg, voted negative on that ballot item.

Two D4485 D02 ballot items received negative votes by Laura Birnbaumer. Her comments and revision suggestions were primarily about words or phrases left out of the two ballot items. Unfortunately, these were not previously noted at the subcommittee balloting level.

The above three negative votes are 'action' items to be handled, presumably, at the Subcommittee B Meeting later this week.

A review of the TMC website Chain Wear test correspondence indicated that suitable precision information is not yet available. The ASTM version of this test method is essentially complete except for that.

A similar review of the VH meeting minutes revealed that the test method is still being 'fine-tuned' and precision determination awaits resolution. The ASTM version of this test method likely needs some minor revision in addition to inclusion of the essential precision data.

Development of the ASTM version of the LSPI (Low Speed Preignition) test method has not progressed appreciably.

Respectfully submitted,
Lyle Bowman

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

Facilitator: Terry Bates

Report period: June 2016 to Dec. 2016

Total time spent June. 2016 to Dec 2016: 130 hours.

Caterpillar Engine Oil Aeration Test (COAT)

Surveillance Panel chair is Jim Gutzwiller (Infineum). TMC interface with SP: Sean Moyer

The method was successfully balloted at D02 and given a D number (**D8047**) on June 1, 2016. A TMC Information Letter was issued shortly afterwards to address comments to approved votes.

Detroit Diesel DD13 Scuffing Test

Task Force chair is Jim Matasic (Lubrizol). Main TF contact is Pat Joyce (Lubrizol).

Much test development took place in April/May period and several drafts were written in conjunction with Pat Joyce. A final draft was successfully balloted with no negatives at Sub B in June 2016. The subsequent D02 ballot was completed in Oct. 2016. The D number was given on Oct 1. 2016 and is **D8074**. At subsequent TF meetings, revisions to the method were agreed and these will be addressed by a TMC Information Letter in the normal way.

Sequence IIIH (Chrysler Oxidation and Deposit Test)

Surveillance Panel chair is Dave Glaenzer (Afton Chemical), now replaced by Robert Stockwell (Oronite); Karin Haumann (Shell) is main contact.

A draft method was produced in April 2016. I informed Dave and Karin in April and May that, as currently written, the Seq IIIHA (MRV test on used oil) and IIIHB (P retention) were not identified as such in the draft but were integral, mandatory parts of the test. Karin indicated that is what was desired.

In June 2016, Karin provided input and comments on the April draft and a new draft was written in July. Karin also informed me that prior to balloting the final draft of the procedure would be sent for review and two weeks allowed for feedback.

The July draft was discussed at two SP meetings in July/Aug. Some revisions to the method were agreed at these meetings and these were incorporated in a new draft in Sept. 2016. The draft was signed off by Karin. As far as I was aware, the SP were on board with the Sept draft, including the integration of the IIIHA and IIIHB in the body of the method. A copy was sent to Dave Glaenzer on Oct 4 informing him that it would be balloted shortly. No comment was made by Dave so the draft was submitted for Sub B ballot on Oct 6.

Seven negative votes were received from additive companies regarding the fact that the Seq IIIHA and IIIHB were mandatory parts of the test and not in nonmandatory Appendixes as with the Seq IIIGA and IIIGB. Lubrizol also complained that the SP had not seen the draft prior to balloting.

I advised Dave that the ballot had failed, summarized the negatives and suggested the SP agree a way forward. At a meeting on Nov. 17, the SP agreed that the method be revised to take account of the negatives, including putting the Seq IIIHA and IIIHB in nonmandatory Appendixes. This has been done and copies of the revised draft have been sent to the negative voters to ensure they are on board before submitting to SP chair for approval for a new ballot.

L-37-1 Test: Load-Carrying Capacity of Lubricants Used for Final Hypoid Drive Axles

The test is under the jurisdiction of the L-37 Surveillance Panel; Matt Umerley, Lubrizol is the chairman.

No activity this period. Awaiting input from Task Force.

.

Facilitator Assignments

Item	Facilitator
D4485	Lyle Bowman
Standard Revisions	Lyle Bowman

Heavy Duty Test Assignments

Test Type	Contact Person	Facilitator
C-13 Aeration Test	Sean Moyer – sam@astmtmc.cmu.edu	Terry Bates
Mack T-13	Sean Moyer – sam@astmtmc.cmu.edu	Hap Thompson
Daimler DD13 Scuffing Test	Sean Moyer – sam@astmtmc.cmu.edu	Terry Bates

GF-6 Test Assignments

Test Type	Contact Person	Facilitator
Sequence VH	Rich Grundza - reg@astmtmc.cmu.edu	Lyle Bowman
Sequence IVB	Bill Buscher - william.buscher@swri.org	Hap Thompson
Sequence VIE/VIF	Greg Miranda – Greg.miranda@lubrizol.com	Hap Thompson
Chain Wear Test	Rich Grundza – reg@astmtmc.cmu.edu	Lyle Bowman
Low Speed Pre-Ignition Test (LSPI)	Rich Grundza – reg@astmtmc.cmu.edu	Lyle Bowman
Chrysler IIIH	Karin Haumann – karin.haumann@swri.org	Terry Bates

Gear Test Assignments

Test Type	Contact Person	Facilitator
L-37-1	Wes Venhoff– wes.venhoff@lubrizol.com	Terry Bates

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 D4485, *Standard Specification for Performance of Engine Oils*; D7450, *Standard Specification for Performance of Rear Axle Gear Lubricants Intended for API Category GL-5 Service*; D5760, *Standard Specification for Performance of Manual Transmission Gear Lubricants*; D4859, *Standard Specification for Lubricants for Two-Stroke-Cycle Spark-Ignition Gasoline Engines-TC*
6. 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.