

## **ASTM Section D02.B0.10**

### **Minutes of Meeting on June 27, 2016**

#### Call to Order

ASTM Section D02.B0.10 on Standards Acceleration met on Monday, June 27, 2016 at 8:00 am at the Hyatt Hotel in Bellevue, WA. There were five members and four guests in attendance. The Agenda is shown as Attachment 1. The list of membership and attendance is shown in Attachment 2.

#### Minutes from June 22, 2015 Meeting

The December 7, 2015 meeting minutes were approved.

#### Membership

Mark Adams will be removed from the membership list.

#### Facilitator Reports

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

January 2016 - June 2016	
Facilitator	Hours
Lyle Bowman	80
Terry Bates	169
Hap Thompson	76

#### Facilitator Assignments

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

Facilitator	Test	Status
Terry	COAT	A concurrent D02/Subcommittee B ballot resulted in approval with D8047 being assigned.
	L-37-1	A revised draft method has been issued and is awaiting round robin precision data
	IIIH	A subcommittee B ballot should be initiated in September 2016 with the hopes of a 'D' number by December 2016.
	DD13	Subcommittee B ballot successful, next step is an August D02 ballot.
Hap	VIE	Draft created and awaiting further test development and precision data
	VIF	Draft to be created
	IVB	Draft in process
	T-13	A D02 ballot negative has been resolved and D8048 has been assigned.
Lyle	D4485	A revision ballot is in place and awaiting the T-13 'D' number assignment.
	VH	Draft awaiting further revision before precision matrix.
	Chain Wear	Draft is awaiting precision information.
	L-33-2	The surveillance panel has decided to include the new hardware changes into the existing L-33-1 test method.
	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 December 5, 2016 at the Hilton Orlando Lake Buena Vista;  
Lake Buena Vista, FL

Adjournment

The meeting was adjourned at approximately 9:00 am.

Frank M. Farber

Chairman, ASTM D02.B0.10

Attachments

**ASTM Section D02.B0.10  
Monday, June 27, 2016 Agenda  
8:00- 9:00 AM**

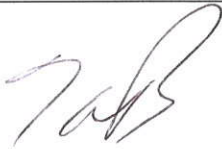




1. Call to Order
2. Approval of December 7, 2015 Meeting Minutes
3. Membership Review
4. Facilitator Assignments
5. Facilitator Reports
  - Lyle Bowman
  - Terry Bates
  - Hap Thompson
6. Old Business
7. Scope & Objectives
8. New Business
9. Next Meeting – Monday, December 5, 2016 Lake Buena Vista, FL

Adjournment

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




B10 Attendance List  
June 27, 2016  
Bellevue, WA

Attachment 2  
1 of 2

Contact Information	Membership Status	Present
Mark Adams Tribology Testing Labs 7030 East Street Saginaw, MI 48601 989-777-0839 <a href="mailto:mark@tribologytesting.com">mark@tribologytesting.com</a>	Voting Member	
Terry Bates 50 Tower Rd. North Heswall, Wirral CH60, 6RS UNITED KINGDOM +44-151-342-1193 <a href="mailto:batesterryw@aol.com">batesterryw@aol.com</a>	Voting Member	
Laura Birnbaumer Chevron Oronite 100 Chevron Way 60-1146 Richmond, CA 94802 <a href="mailto:LABI@Chevron.com">LABI@Chevron.com</a>	Voting Member	
Lyle O. Bowman 728 Montecillo Road San Rafael, CA 94903 415-479-3004 FAX 415-472-1570 <a href="mailto:lbowman@namwobl.com">lbowman@namwobl.com</a>	Voting Member	
Frank Farber ASTM Test Monitoring Center 6555 Penn Avenue Pittsburgh, PA 15206 412-365-1030 FAX 412-365-1047 <a href="mailto:fmf@astmtmc.cmu.edu">fmf@astmtmc.cmu.edu</a>	Chairman/Secretary	
Joe Franklin Intertek Automotive Research 5404 Bandera Road San Antonio, TX 78238 210-523-4671 FAX 210-684-6074 <a href="mailto:joe.franklin@intertek.com">joe.franklin@intertek.com</a>	Voting Member	
E. A. Hap Thompson PPL Standards Development 404 Twin Oaks Lane St. Johns, FL 32259 904-287-9596 FAX 904-287-9596 <a href="mailto:hapjthom@aol.com">hapjthom@aol.com</a>	Voting Member	

B10 Attendance List  
June 27, 2016  
Bellevue, WA

Attachment 2  
2 of 2

WES VENHOFF LUBRIZOL 440 - 347 - 4879 WVE@LUBRIZOL.COM	GUEST	WV
Kevin Ferrick API ferrick@api.org	Guest	
Steven Millett Boeing 206 544 4042 stevan-a-millett@boeing.com	non-member	
George Totten GETOTTEN ASSOCI Seattle, WA 206-188-0188 getotten@getottenassociates.com	Guest	

E. A. Hap Thompson  
June 27, 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. Nothing to post until the information below is completed.

Once 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 have been monitoring the TF formed to investigate a procedure to disassemble, clean and reassemble the engine for reuse. This is important because of the shortened engine life. The TF will make a recommendation to the SP whether this procedure will be part of the standard or a separate document.

### **Sequence IV B**

There have been numerous conference calls conducted by the WG, and I have been an active participant. I discovered that the central part of the document was the same as the previous balloted version. I am working with Bill Buscher to make the changes to the standard from the new information. The development team has noted that several procedural changes require implementation prior to and during the precision matrix. It appears this will require significant changes to the document after the precision matrix is completed.

### **Volvo T-13**

I have spent a lot of time and effort with comments and negatives after the Subcommittee B ballot where revisions to the document were required. The document was then balloted in Committee D02 where four comments were received and one negative. The comments were easily resolved and the negative voter has been reluctant to withdraw his negative. Joe Franklin and I are working with ASTM staff for a resolution.

**I spent 76 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  
June 27, 2016

About 80 hours have been spent on various assignments since the December 2015 Meeting.

These efforts included preparation of 13 D02 ballot items from approved Information Letters, reviewing editor's proofs, and reviewing proposed new Information Letters.

All 13 of the D02 ballot items were approved with minor comments.

Preparation of the D02 ballot items included insertion of the standardized TMC services document at the beginning of annex sections in several test methods.

Extra effort has been required in developing the ASTM Timing Chain Wear test method, due to frequent revisions to the test procedure portion. It's anticipated that test precision information will be available in about a month, and balloting of Sub. B should take place shortly thereafter.

Work on the LSPI (Low Speed Preignition Test Method) has just been started. An unusual sidelight is that a writer for the ASTM Standardization News recently contacted me for information about the test method for a possible article in the monthly journal.

For different reasons, there is no longer interest in finalizing either the VH or L-33-1 test methods. It was previously reported that drafts of both methods had been completed and reviewed.

A rushed revision of D4485 to incorporate the new CK-4 and FA-4 heavy-duty engine oil categories was prepared and balloted in Subcommittee B prior to the December 2015 meeting. Several useful comments were received and incorporated, and the new revision is now on hold until a "D" number is available for the T-13 diesel engine test method.

Respectfully submitted,  
Lyle Bowman

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

**Facilitator:** Terry Bates

**Report period:** Jan. 2016 to June 2016

Total time spent Jan. 2016 to June 2016: 169 hours.

### **Caterpillar Engine Oil Aeration Test (COAT)**

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

A draft was produced in Jan 2016 and sent to the SP for approval for a ballot. No comments or response were received. After consultation with Sean Moyer, it was decided to submit to a Sub B ballot in February. After the ballot was issued comments were received from SP members indicating several non-editorial issues that had not been identified by the SP previously. The method was not, therefore, progressed to a D02 ballot but was revised in March with a view to carrying out a concurrent D02/Sub B ballot.

The revised draft was sent to the SP with a specific request it be approved for ballot. The SP did not respond. The ballot was, nevertheless, initiated in April because of industry pressure for a D number. This ballot was successful with no negatives and a D number (**D8047**) was issued on June 1, 2016. Three editorial comments to approved votes were received and will be included in the published method. One comment received from a non-voter pointed out that the reported oil aeration parameter (which is used in specifications) should be the average over a 10 h period and not a single value as written in the method. The SP confirmed that this comment is correct. As this needs to be rectified soonest, it will be subject to correction via an Information Letter.

This method has been difficult and frustrating to edit because of the lack of a focussed individual in the SP with ownership of and familiarity with the method and with the responsibility of liaising with the stakeholders (sponsoring OEM, labs, etc.) on the one hand and the facilitator on the other. This needs to be addressed if it is planned to delegate new test developments to SPs in future. The TMC Information Letter system was not devised to amend new test methods before the ink is dry.

### **Detroit Diesel DD13 Scuffing Test**

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

The first draft of this method was received in Jan 2016. Intensive editing activity and much dialogue on various issues with Pat Joyce resulted in the final draft being ready for Sub B balloting in May 2016. This ballot was successfully completed on June 15 with 19 approve, 0 negative, 14 abstain and one (editorial) comment to an approved vote.

The method goes automatically to the next scheduled D02 ballot (Aug. 2016).



### **Sequence IIIH (Chrysler Oxidation and Deposit Test)**

Surveillance Panel chair is Dave Glaenzer (Afton Chemical); Karin Haumann (Shell) is main contact. No TMC contact

Input to queries raised in the draft produced in Sept. 2015 were received in March 2016 and a new draft was written in April 2016. The SP agreed revisions to the method incorporating a IIIHA variant. These and other revisions were incorporated in a new draft in June. The only outstanding item is provision of the precision data which I believe is available. A draft will be sent to the SP in July with a 2 week review period for comments. It is anticipated that a Sub B ballot will be initiated in Sept 2016 with a view to having the D number before the Dec. ASTM meetings.

### **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.

New diagrams have been received and will be incorporated into the method. The method is in good shape except that the data for the precision statement are not available. Once this is received a Sub B ballot can be initiated.

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### Facilitator Assignments

Item	Facilitator
D4485	Lyle Bowman
Standard Revisions	Lyle Bowman

### Heavy Duty Test Assignments

	Test Type	Contact Person	Facilitator
PC-11	C-13 Aeration Test	Sean Moyer – <a href="mailto:sam@astmtmc.cmu.edu">sam@astmtmc.cmu.edu</a>	Terry Bates
	Mack T-13	Sean Moyer – <a href="mailto:sam@astmtmc.cmu.edu">sam@astmtmc.cmu.edu</a>	Hap Thompson
ASTM B02	DD13	Pat Joyce – <a href="mailto:Pat.Joyce@lubrizol.com">Pat.Joyce@lubrizol.com</a>	Terry Bates

### GF-6 Test Assignments

Test Type	Contact Person	Facilitator
Sequence VH	Rich Grundza - <a href="mailto:reg@astmtmc.cmu.edu">reg@astmtmc.cmu.edu</a>	Lyle Bowman
Sequence IVB	Bill Buscher - <a href="mailto:william.buscher@intertek.com">william.buscher@intertek.com</a>	Hap Thompson
Sequence VIE	Greg Miranda – <a href="mailto:Greg.Miranda@Lubrizol.com">Greg.Miranda@Lubrizol.com</a>	Hap Thompson
Sequence VIF	Greg Miranda – <a href="mailto:Greg.Miranda@Lubrizol.com">Greg.Miranda@Lubrizol.com</a>	Hap Thompson
Chain Wear Test	Rich Grundza – <a href="mailto:reg@astmtmc.cmu.edu">reg@astmtmc.cmu.edu</a>	Lyle Bowman
Low Speed Pre-Ignition Test (LSPI)	Rich Grundza – <a href="mailto:reg@astmtmc.cmu.edu">reg@astmtmc.cmu.edu</a>	Lyle Bowman
Chrysler IIH	Karin Haumann – <a href="mailto:Karin.Haumann@shell.com">Karin.Haumann@shell.com</a>	Terry Bates

### B03 Test Assignments

Test Type	Contact Person	Facilitator
L-37-1	Matt Umerley – <a href="mailto:matthew.umerley@lubrizol.com">matthew.umerley@lubrizol.com</a>	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.