

ASTM Section D02.B0.10

Minutes of Meeting on December 9, 2019

Call to Order

ASTM Section D02.B0.10 on Standards Acceleration met on Monday, December 9, 2019 at 8:00 am in New Orleans, LA. There were five members and five guests in attendance. The Agenda is shown as Attachment 1. The list of membership and attendance is shown in Attachment 2.

Minutes Meeting

The June 24, 2019 meeting minutes were approved.

Membership

No membership changes.

Facilitator Reports

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

June 2019 – December 2019	
Facilitator	Hours
Terry Bates	20
Hap Thompson	65
Sid Clark	78

Facilitator Assignments

Current facilitator assignments were reviewed and are summarized below.

Test Type	D Number	Contact Person	Facilitator
Performance Specification	D4485	Laura Birnbaumer	Sid Clark
Information Letter Reviews	Various	Frank Farber	Terry Bates
Sequence IVB	TBD	Bill Buscher	Hap Thompson

The Sequence IX (LSPI) was successfully balloted by Terry Bates and received the designation D8291.

Old Business

No old business

Scope and Objectives

A review of the scope and objectives did not result in any changes (Attachment 5).

New Business

The chair reviewed items that need to be corrected on the soon to be published 2019 version of D4485 which had been updated recently via seven information letters. Laura Birnbaumer the chair of the D4485 Surveillance Panel agreed to review the changes at an upcoming conference call.

Next Meeting

The meeting will be Monday, June 29, 2019 in Washington, DC

Adjournment

The meeting was adjourned at approximately 9:00 am.

Frank M. Farber

Chairman, ASTM D02.B0.10



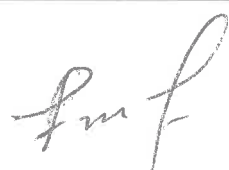


Attachments

**ASTM Section D02.B0.10
Monday, December 9, 2019 Agenda
8:00- 9:00 AM**

1. Call to Order
2. Approval June 24, 2019 Meeting Minutes
3. Membership Review
4. Facilitator Assignments
4. Facilitator Reports
5. Old Business
6. Scope & Objectives
7. New Business
 - a. D4485 Revisions
5. Next Meeting – Monday, June 29, 2019 in Washington, DC
8. Adjournment

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

B10 Attendance List
 December 9, 2019
 New Orleans, LA

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	
Sid Clark , MI 586-873-1255 FAX slclark@comcast.net	50481 Peggy Ln. Voting Member Chesterfield MI. 48047	
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 hapjthom@aol.com	Voting Member	
Wes Venhoff The Lubrizol Corporation 29400 Lakeland Blvd Wickliffe, OH 44092-2298 (440) 347-4879 Wes.Venhoff@Lubrizol.com	Voting Member	

B10 Attendance List
 December 9, 2019
 New Orleans, LA

<p>Matt Kunselman Center for Quality Assurance MKunselman@CenterForQA.com</p>	<p>Non-Voting Member</p>	
<p>Jeff Harmening API Harmeningj@api.org</p>	<p>Non-V</p>	
<p>Ed Murphy Valvoline ermurphy@valvoline.com</p>	<p>Visitor</p>	
<p>Berhard Leopold Auten-Pool GmbH</p>	<p>Visitor</p>	
<p>Daryl Baumgartner Lubrizol daryl.baumgartner@lubrizol.com</p>	<p>NON-V</p>	
<p>Kenny Wong Chevron kewong@chevron.com</p>	<p>NON-V</p>	

404 Twin Oaks Lane
St. Johns, FL 32259
904-287-9596
December 9, 2019

Sequence IVB

There have been numerous conference calls conducted by the WG, and I have been an active participant. There have been major changes, but I have not received all those changes from Bill. Once he sends me those changes, I will prepare the document for a SP straw vote. Hopefully, sometime this month so we can ballot in SC B in early January.

I estimate I will have spent 65 hours working on the document over the past 6 months.

Respectfully submitted,

E. A. Hap Thompson

E. A. Hap Thompson
Facilitator

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

Facilitator: Terry Bates

Report period: July 2019 to Dec 2019

Total time spent: July 2019 to Dec 2019: approx. 20h.

Sequence X Ford Timing-Chain Wear Test

The test is under the jurisdiction of the Sequence X SP: chair Alfonso Lopez (Intertek); SP contact on method, Jason Soto (Intertek). TMC contact: Rich Grundza.

Following the successful D02 ballot in June 2019, the method was published in Sept 2019 as **D8279 - Determination of Timing-Chain Wear in a Turbocharged, Direct-Injection, Spark-Ignition, Four-Cylinder Engine.**

Seq IX Ford Low-Speed Preignition (LSPI) Test

The test is under the jurisdiction of the Sequence IX SP: chairman, Khaled Rais (SWRI); SP contact on method, Christine Eickstead (SWRI). TMC contact: Rich Grundza.

Following the successful D02.B0 ballot on June 9, 2019, a D02 ballot was completed on Sept. 26, 2019. The results were Affirmative 121, Negative 0, Abstain 455. There was only one comment to an abstain vote. The ballot was therefore successful. The method has now been published as **D8291- Evaluation of Performance of Automotive Engine Oils in the Mitigation of Low-Speed, Preignition in the Sequence IX Gasoline Turbocharged Direct-Injection, Spark-Ignition Engine.**

The comment to the abstain vote was from M. Mahdi Karima. Jessica Barrett ruled that the comment was not editorial. It was referred to the SP to consider if the comments could be used to revise the method via the Information Letter process. After a review, the SP decided not to include any of the comments in an information letter. Mr Karima was informed of the decision and invited to contact the SP if he had any questions or further comments about the procedure. No further input was received from Mr Karima. For the record the comments and SP response are provided at the end of this report.

Information Letters

Editorial comments were provided on several draft Information Letters to ensure the changes conformed to ASTM Form & Style and the SI.

M. Mahdi Karima Comments to Abstain vote on D02 LSPI ballot

Comment 1: Section 6.1- LSPI phenomena is more related to downsized turbo engine with high "bmep" (greater than 19). So 1.2 L GDI such as Ford ecoboost is recommended.

SP response: We agree that LSPI is prevalent in downsized turbo engines with high bmep but this procedure has only been created for use with the Ford 2.0 Ecoboost mentioned.

Comment 2: Section 6.9: it is recommended to use AC type dynamometer.

SP response: The test was developed with the Midwest MW-1014A. Since dyno inertia can affect engine test results, we would require testing that demonstrates equivalency before accepting other dynos.

Comment 3: Section 7.6.5: to add " ... with high dynamics type coupling"

SP response: This is a similar situation to the comment above. We identify specifications and give an example driveshaft that satisfies them and we would need additional data to accept other parts.

Comment 4: Section 7.4: following items may be added: Ignition system, Injection system, EMS system"

SP response: In section 7.4 we only listed specially modified parts. We describe the EMS which Ford refers to as a PCM in 7.9. There are no modifications to the physical equipment and Ford provides a PCM specifically for this test to handle any calibration changes.

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

Facilitator: Sid Clark

Report Period: June 2019 – December 2019

Total hours charged this report period: 78


Assignments:


ASTM D4485 Facilitator and Member, D4485 Surveillance Panel

Facilitation of document updates and change requirements as directed through the newly formed D4485 Surveillance Panel. Chairperson Laura Birnbaumer


Work with Michael Kasimirsky, TMC to implement D4485 Information Letter Updates Issued D4485-18a Information Letter updates 19-01 through 19-07 with updated sections to more closely reflect current API 1509 licensing requirements.


Reviewed all Information Ballot Comments;


 D4485 il 19-1 Ballot Review


 D4485 il 19-2 Ballot Review

 D4485 il 19-3 Ballot Review

 D4485 il 19-4 Ballot Review

 D4485 il 19-5 Ballot Review

 D4485 il 19-6 Ballot Review

 D4485 il 19-7 Ballot Review

Will confirm those ballots containing editorial comments are included in final document update once agreed upon during the Standards Acceleration Meeting, Monday December 9, 2019 at the ASTM Meetings in New Orleans.

Thanks, Sid

Sid Clark

ASTM DO.2 Subcommittee B Facilitator

586-873-1255

slclark@comcast.net

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.