

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

### **Minutes of Meeting on December 10, 2018**

#### Call to Order

ASTM Section D02.B0.10 on Standards Acceleration met on Monday, December 10, 2018 at 8:00 am in Atlanta, GA. There were six members and two 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 25, 2018 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 2018 – December 2018	
Facilitator	Hours
Terry Bates	125
Hap Thompson	72
Sid Clark	107

#### Facilitator Assignments

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

Facilitator	Test	Status
Terry	Sequence IX	Q1 2019 Ballot Expected – Pending Surveillance Panel Feedback
	Sequence X	Q1 2019 Ballot Expected – Pending Surveillance Panel Feedback
	IL Review & Standard Revisions	15 Information Letters were D02/B Balloted
Hap	VIF	Passing Ballot D8226 Assigned
	IVB	Q1 2019 Ballot Expected
Sid	Sequence VH	Q1 2019 Ballot Expected
	D4485	Pending SP input. Q1 ballot possible

### 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

Items submitted from the Terry Bates to the Chairman were presented (Attachment 6).

Items on Terry's list have been addressed as follows:

- the four annexes concerning the role of the TMC - are posted on the TMC website
- ASTM Form & Style Guide – a hyperlink has been added to the B10 section of the TMC website
- SI Quick Reference Guide – a hyperlink resides on the ASTM website via the above link
- SI 10-2016 – to be distributed to the facilitators by the TMC
- agreed editorial matters (e.g., parameter vs quantity – see 5 below) – there was no support for this change from the committee
- generic text for QI (see 6 below) and the DACA II Report – TMC to add this wording to the B10 section of the TMC website

D4485 revisions were discussed by Laura Birnbaumer in anticipation of class panel reviews later in the week. (Attachment 7)

### Next Meeting

The meeting will be Monday June 24, 2019 Denver, CO

### 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 10, 2018 Agenda  
8:00- 9:00 AM**

1. Call to Order
2. Approval of June 25, 2018 Meeting Minutes
3. Membership Review
4. Facilitator Assignments
4. Facilitator Reports
5. Old Business
6. Scope & Objectives
7. New Business
  - a. Terry Bates Items
  - b. D4485 Revisions
8. Next Meeting – Monday June 24, 2019 Denver, CO

Adjournment

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

B10 Attendance List  
December 10, 2018  
Atlanta, GA

Contact Information	Membership Status	Present
<p>Terry Bates 50 Tower Rd. North Heswall, Wirral CH80, 6RS UNITED KINGDOM +44-151-342-1193 <a href="mailto:batesterryw@aol.com">batesterryw@aol.com</a></p>	Voting Member	
<p>Laura Birnbaumer Chevron Oronite 100 Chevron Way 60-1146 Richmond, CA 94802 <a href="mailto:LABI@Chevron.com">LABI@Chevron.com</a></p>	Voting Member	<i>Laura</i>
<p>Sid Clark MI 586-873-1255 FAX <a href="mailto:slclark@comcast.net">slclark@comcast.net</a></p>	Voting Member	<i>Sid</i>
<p>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></p>	Chairman/Secretary	
<p>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></p>	Voting Member	<i>JF</i>
<p>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:hapithom@aol.com">hapithom@aol.com</a></p>	Voting Member	<i>EAT</i>
<p>Wes Venhoff The Lubrizol Corporation 29400 Lakeland Blvd Wickliffe, OH 44092-2298 (440) 347-4879 <a href="mailto:Wes.Venhoff@Lubrizol.com">Wes.Venhoff@Lubrizol.com</a></p>	Voting Member	<i>WV</i>



E. A. Hap Thompson  
404 Twin Oaks Lane  
St. Johns, FL 32259  
904-287-9596  
December 10, 2018

### **Sequence VIF**

The document was successfully balloted in Committee D02. The ASTM editor made some editorial changes. The new standard is D8226 with an approval date of October 1, 2018. It will be in the March 2019 D02 Standards Book.

### **Sequence IVB**

There have been numerous conference calls conducted by the WG, and I have been an active participant. The SP has divided their group into subgroups Sequence IVB precision improvement and procedure review sub-group. The LTMS was approved by the IVB Surveillance Panel. The AOAP voted and approved the Sequence IVB as suitable for use in the GF-6 category. The procedure review group (of which I am a member) has been working diligently to ensure all the new information, test changes and new data is included. A new rough draft has been prepared and I am reviewing it for format and consistency. The plan is to have the document ready for SC B by April 2019.

**I estimate I will have spent 72 hours working on the 2 documents 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: June 2018 to Dec 2018**

**Total time spent: June 2018 to Dec 2018: approx. 125 h.**

### **Seq IX Ford Low-Speed Preignition (LSPI) Test**

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

**The SP agreed changes to the method which were received on Nov. 7, 2018. These were incorporated in a new draft on Nov. 13, 2018. There are no outstanding technical issues. Some 70 editorial-type queries are, however, still outstanding. These concern missing figures, missing text, missing part numbers and other items requiring clarification. These are being addressed by Christine. Assuming timely resolution of these items, Sub B and D02 ballots can take place in Q1.2019.**

### **Sequence X Chain Wear Test**

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

**Good progress was made in Aug/Sept 2018 in addressing editorial queries concerning figures, tables, part numbers etc. Some revisions were also made to the test method by the SP. A new draft was prepared on Oct 29. There are still some outstanding editorial queries including the updating of figures and diagrams and some sections will be revised by the SP. It is anticipated these queries will be addressed in a time frame that will allow a Sub B ballot to take place early in Q1.2019.**

### **Information Letters**

**Fifteen concurrent D02/D02.B0 ballot items were prepared based on previously approved D02.BO Information Letter ballots; the ASTM editor's proofs were reviewed prior to final publication. Editorial input was also provided to new Information Letters.**

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

Facilitator: Sid Clark

Report Period: June 2018 – December 2018

Total hours charged this report period: 107

### **Assignments:**

#### **ASTM D4485 Updates**

Designation: D4485 – 18a Standard Specification for Performance of Active API Service Category Engine Oils (Balloted and Approved October 1, 2018)

This latest revision contains updates to;

- (1) Revised Table 2, Table 3, and Table 4 to add Test Method D8111 guidelines for meeting this specification.
- (2) Added new subsection 3.2.4.
- (3) Former Table 3 was revised to become individual tables 2-6, and table references were updated throughout.
- (4) Deleted former subsections 4.1.7 through 4.1.9 and X2.7 through X2.8, Energy Conserving, associated with SJ and SL oil categories; required test methods are no longer available.

Further updates pending, waiting on communications from API and Sub Committee D0.2-B0 membership.

#### **Sequence VH Procedure Facilitation**

The Sequence VH test procedure is an updated revision of the Sequence VG Test under the jurisdiction of the Sequence VH Surveillance Panel, Chairman Andy Ritchie, Infineum, OEM Sponsor Ron Romano, Ford, and the ASTM Test Monitoring Center, Rich Grundza.

Over the past months I have worked with the aforementioned plus numerous Sequence VH Procedural Task Force members to bring the VH Draft Procedure to acceptable condition for Sub Committee B Ballot readiness. On November 28, 2018 the Sequence VH Surveillance Panel held a conference call to review the Draft procedure. After discussion and agreement on additional editorial comment, Ron Romano made the following motion seconded by Rich Grundza:

***The Sequence V Surveillance Panel recommends that the Sequence VH test procedure be sent forward for an ASTM B ballot to approve the Sequence VH as a new ASTM test procedure.***

This motion was unanimously endorsed.

Thanks, Sid

***Sid Clark***

ASTM D0.2 Subcommittee B Facilitator

586-873-1255

slclark@comcast.net



### Facilitator Assignments

Item	Facilitator
D4485	Sid Clark
Standard Revisions	Terry Bates

### GF-6 Test Assignments

Test Type	D Number	Contact Person	Facilitator
Sequence VH		Cole Hudson/Ron Romano	Sid Clark
Sequence IVB		Bill Buscher	Hap Thompson
Sequence VIF		Andrew Stevens	Hap Thompson
Sequence X (Chain Wear Test)		Al Lopez	Terry Bates
Sequence IX (LSPI)		Ron Romano	Terry Bates

### Gear Test Assignments

Test Type	D Number	Contact Person	Facilitator
L-37-1	D8165	Wes Venhoff– <a href="mailto:wes.venhoff@lubrizol.com">wes.venhoff@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.

From: Terry Bates  
To: Members of ASTM DO2.BO.10 Standards Acceleration  
Date: Dec 4, 2018

## Some suggestions regarding facilitator matters

### 1. Section on the TMC website devoted to facilitator matters: suggest there be such a section.

**Rationale:** to provide a convenient one-stop source for various matters of interest to facilitators. It could contain:

- the four annexes concerning the role of the TMC;
- ASTM Form & Style Guide;
- SI Quick Reference Guide;
- SI 10-2016;
- agreed editorial matters (e.g., parameter vs quantity – see 5 below);
- generic text for QI (see 6 below) and the DACA II Report.

### 2. ASTM Form & Style Guide: suggest facilitators are provided with the latest version and that it is placed on the ASTM TMC website.

**Rationale:** The F&S Guide is the bible for facilitators. It was revised in 2018 mainly to reflect the revisions made to SI 10 (see 4 below) and to correct various sections which were incorrect in terms of the SI.

### 3. ASTM SI Quick Reference Guide: suggest it placed on the TMC website.

**Rationale:** This is part of the ASTM Form & Style Guide. It contains most of the essential items concerning the implementation of the SI in ASTM standards. It was revised in 2018 to reflect the revisions in SI 10-2016. The revision will be published in 2019.

### 4. SI 10-2016: Suggest facilitators are provided with free hard and electronic copies and that it be available on the TMC website (perhaps with restricted access).

**Rationale:** SI 10 (ASTM/IEEE American National Standard for Metric Practice) is the ASTM-mandated reference for all matters SI. It is available for purchase. It was revised in 2016 to address several items of specific interest to DO2 and DO2.BO, such as:

- symbols for quantities such as pressure, temperature;
- formatting tables and graphs;
- correct formats for writing equations;
- correct use of mass and volume fraction (eg, mass fraction sulphur is 3 %, NOT sulfur is 3 % by mass).

### 5. Parameter vs quantity: if agreed, suggest that this item be placed on the facilitator section of the TMC website.

**Rationale:** Many DO2 methods use the term '**parameter**' when listing values of pressure, temperature, viscosity, speed, etc. However, the correct SI term is '**quantity**'. This is because in the SI quantities have a value defined as the product of a number and a unit symbol (e.g.,  $t = 63\text{ }^{\circ}\text{C}$ ) whereas there is no definition of the value of a parameter. It is strongly recommended that facilitators use the term quantity rather than parameter and that existing methods are revised accordingly.

### 6. Quality Index (QI): suggest that standard text be agreed for QI and that the reference document DACA II Report be revised to rectify incorrect SI formats.

**Rationale:** QI is used in several DO2.BO methods. There is a lack consistency in the verbiage used and whether it is in the body of the method or in an Annex. Standard text should be agreed and placed on the TMC website. There is also incorrect SI formatting in the ASTM TMC DACA II Report.

3.1.3 classification, n-engine oils, ~~the systematic arrangement into categories in accordance with different levels of performance~~ a designation such as Energy Conserving and so forth for a given level of performance beyond that of a category in specified engine and bench tests.

3.1.2 category, n-in engine oils, a designation such as SJ, SL, SM,SN, CH-4, CI-4, CJ-4, CK-4, FA-4, ~~Energy Conserving~~, Resource Conserving and so forth, for a given level of performance in specified engine and bench tests.

3.2.2 Energy Conserving ~~category~~ classification, n-the group of engine oils that have demonstrated fuel economy benefits and are intended primarily for use in automotive gasoline engine applications, such as passenger cars, light-duty trucks and vans.