

ASTM Section D02.B0.10

Minutes of Meeting on June 20, 2005

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Call to Order

ASTM Section D02.B0.10 on Standards Acceleration met on Monday, June 20, 2005 at 8:30 am in the Hilton Hotel in Pittsburgh, Pennsylvania. There were 5 members and guests in attendance. Minutes of the December 6, 2004 meeting were approved.

Membership

Membership in Section 10 was reviewed with no changes reported. The membership list is shown in Attachment 1.

Facilitator Reports

Reports from facilitators were received (see Attachment 2) and significant progress was noted. Eight revised test methods, incorporating changes from previously approved information letters, were balloted at the D02 level. No negatives were received. During the last six-month period, the Mack T-11 completed D02 ballot and the Elastomer Compatibility test completed Subcommittee B ballot. There was one negative vote on the Elastomer Compatibility ballot that will be resolved with editorial changes. Also, some new definitions need to be added to the method, which is not considered an editorial change. To minimize the delay in elevating the Elastomer Compatibility test to a standard, Section 10 will recommend the following to Subcommittee B:

- 1) Ballot within D02 the method already approved by Subcommittee B, with editorial changes necessary to resolve the negative vote but excluding any new definitions.
- 2) Carry out a simultaneous ballot of D02 and Subcommittee B that includes only the definitions for "non-reference oil," "candidate oil" and "heavy-duty engine" plus a new referenced document, D5844, arising from the definition of "non-reference oil."

The Mack T-11 and TEOST MHT received D-numbers D7156 and D7097, respectively.

Old Business

The section reviewed its Scope and Objectives (Attachment 3) and no changes were made.

New Business

Facilitator assignments were reviewed and the new PC-10 tests were assigned to Terry Bates (ISB), Paul Strigner (C13), and Hap Thompson (T-12). A list of current facilitator assignments is shown in Attachment 4. It was decided that, currently, there is no need for new facilitators.

Mike McMillan announced that he would be stepping down as chairman of Section 10 as of August 1, 2005. Section 10 members unanimously supported the selection of John Zalar to replace Mike as chairman. The section members expressed their appreciation to Mike for his many years of leadership.

Next Meeting

The next meeting is scheduled for December 5, 2005.

Adjournment

The meeting was adjourned at approximately 9:30 am.

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

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Report to D02.B0.10
On
T 11, T-12, & L-42-1
June 20, 2005

MACK T-11

The Draft T-11 Test Method was balloted within D02. There were editorial comments and the test method was revised. The T-11 test method will be published as D 7156-05.

MACK T-12

I have been advised that I will receive the draft T-12 document before the December 2005 meeting.

L-42-1

I received the latest draft test method the last of May. I reviewed the draft and forwarded it to the panel chairman on June 7.

Respectfully submitted,

Earl A. Hap Thompson

Report to ASTM/D02/B-10m Standards Acceleration
TEOST/MHT Test
June 20, 2005, Pittsburgh, PA

The TEOST/MHT test passed the ASTM/D02 letter ballot in the Fall of 2004. Comments were submitted by the facilitator with an affirmative vote. Some were addressed editorially for publication while others will be addressed via a revision to the test method. How the comments were handled has not yet been revealed. When revealed this will constitute the end of the assignment.

Respectfully submitted

Paul L. Strigner
Facilitator

Report to ASTM D02.BO.10 Standards Acceleration

Facilitator: Terry Bates

Report period: January 2005 to June 2005

NEW STANDARD Standard Test Method for Determining Automotive Engine Oil Compatibility with Typical Seal Elastomers

1. Subcommittee B ballot:

The results of the ballot issued in January 2005 were as follows:

Affirmative: 28	Negative: 0	Abstain: 8
Non-official negative voter:	1	
Affirmative with comment :	1	
Abstention with comment:	1	

1.1 Negative vote:

- Change title to "Test Method for Determining **Heavy-Duty** Automotive Engine Oil Compatibility with Typical **Heavy-Duty** Seal Elastomers"
- Change text to indicate elastomers specified were selected to be representative of heavy-duty, not light-duty diesel engines.

The first point is not accepted. The method is a general test procedure applicable to all automotive engine types. Changing the title as proposed implies that the method would not be applicable to gasoline engines/seals. In addition, because the term "**heavy-duty**" does not appear in the text, such a modification to the title is not an editorial change. A reballot with the proposed title change would almost certainly result in negatives.

The point made in the second bullet is a good one and is accepted.

The negative voter agreed to withdraw his negative provided the following change is made to paragraph 1.4 of the scope (changes shown in bold italic):

The four reference elastomer formulations specified in this method were chosen to be representative of those used in heavy-duty diesel engines. The procedures described in this test method can, ***however***, also be used to evaluate the compatibility of automotive engine oils with different elastomer ***types/formulations*** or different test duration and temperatures to those employed here.

Note 2—In such cases, the precision and bias statement in Section 12 does not apply. In addition to agreeing acceptable limits of precision, where relevant, the user and supplier should also agree: (a) test temperatures and immersion times to be used; (b) the formulations and typical properties of the elastomers; and (c) the sourcing and quality control of the elastomer sheets.

Nicole confirmed this is an editorial change.

1.2 Affirmative with comment:

- Insertion of a comma and correction of a typo ("harness" instead of "hardness").

Accepted (editorial change).

1.3 Abstention with comments:

- Insert "of" in 1.3: agreed - editorial
- Replace "gape" by "gap". Not accepted as the term *gape* is used in the context of a hook and is the width of the opening.
- The terms "test oil", "reference oil" and "non-reference oil" are used but only the first two are defined. Agreed to define the latter, using an existing definition, as it occurs 11 times. Because it contains the term "candidate oil", which does not appear elsewhere, the latter term also will be defined. In addition, the term "heavy-duty" appears only in the revision of section 1.4 (re negative vote), so this term will also be defined.

Nicole has confirmed that addition of new definitions, even when they are existing, is not an editorial change.

2. Proposed way forward

To minimize the delay in attaining standard status, it is proposed to:

- a) ballot D02 Main Committee with the method already approved by Subcommittee B, i.e. with the editorial changes to 1.4 etc. but excluding any new definitions
- b) carry out a simultaneous joint ballot of Main and Sub B including only the definitions for "*non-reference oil*", "*candidate oil*" and "*heavy duty engine*" (and a new referenced document D 5844 arising from the definition of "*non-reference oil*"), i.e. no editorial changes.

ASTM D02.B0.10
Section on 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 current test procedures to ASTM standards, putting new test procedures into ASTM Standard Test Method format, incorporating changes resulting from ballot, and revising standards as needed once they are adopted.

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 semi-annual 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. 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.

Current Facilitator Assignments

<u>Facilitator</u>	<u>Methods</u>
T. Bates	Elastomer Compatibility, Cummins ISB
L.O. Bowman	Method Updates
P.L. Strigner	Caterpillar C13
E.A. Thompson	L42, Mack T12
B Weber	Sequence IIIG
M. Cooper	Cummins ISM
D. Larkin	No Current Assignment