#### Report of Meeting L-60-1 Surveillance Panel Conference Call <u>November 9th, 2021</u>

#### Attendees:

SwRI -	Warden, Kostan, Mueller		
Lubrizol -	Venhoff, <b>Slocum</b> , Bealko		
Afton -	Sangpeal, Bell		
Intertek -	Lange		
TMC -	Beck		
ExxonMobil -	Banas		
BASF -	Goyal, Mosher		
Dana -	Zyski		
Meritor -	LaBond, <b>Carter</b>		
Army -	Comfort, Sattler		
AAM -	Muransky		
Chevron -	Martinez		
Retiree -	Kanga		
Daimler -	Neal		

#### Voting Members in BOLD

#### **1.0 Membership Review**

No change

#### 2.0 Meeting minutes Approval

August 11th, 2021, ASTM Meeting
September 30th ,2021, Conference Call

Motion #1  $\rightarrow$  R. Slocum 1<sup>st</sup>/2<sup>nd</sup> T. Muransky to approve the meeting minutes from the August 11th, 2021, ASTM Meeting, and the September 30th ,2021, Conference Call Motion passed unanimously, 11-0-0 (Yes-No-Abstain).

#### 3.0 L60 Stand Drawing Location

• Procedure Update

#### **2.4** *TMC Website* ASTM Adjuncts<sup>b</sup>

#### **Engineering Drawings**

**6.1** A description of essential apparatus features is given as follows, including mandatory equipment type and performance specification where established. See <u>Annex A5</u> and <u>Annex A6</u> for schematics and additional information of a general nature. Those wishing to build this test apparatus shall base construction on full engineering drawings (see <u>6.2</u>). <u>A list of suppliers is</u> available from <u>ASTM International Headquarters</u>.

6.2 Construct all new equipment in accordance with the engineering drawings available as an adjunct from ASTM

Headquarters at the TMC website<sup>b</sup> in order to meet calibration requirements. Builders unable to obtain specified parts and wishing to use substitutes shall request approval from ASTM Subcommittee D02.B0.03.

#### FOOTNOTES

6) Detailed drawings necessary for rig construction. Available *at the TMC website* <u>https://www.astmtmc.org/</u> from ASTM International Headquarters. Order Adjunct No. <u>ADJD5704A</u>.

Motion #2  $\rightarrow$  R. Warden 1<sup>st</sup> /2<sup>nd</sup> W. Venhoff to approve the procedure update to designate a new location for the L60 stand drawings. Motion passed unanimously, 11-0-0 (Yes-No-Abstain).

#### 4.0 L-60-1 Severity Action's

- Borderline Oil
  - Afton has identified an oil that exhibits borderline pass/fail for ACV
- Action Items
  - Afton to send two test oil charges to SwRI
  - Lubrizol to send 2011 gear set to SwRI
  - Afton to run 1 2018 gear set
  - SwRI to run 1 2018 and 1 2011 gear sets
  - Lubrizol to set up conference call mid-December

#### 5.0 Adjourn

Motion #2  $\rightarrow$  R. Warden 1<sup>st</sup> /2<sup>nd</sup> W. Venhoff to adjourn. Motion passed unanimously, 11-0-0 (Yes-No-Abstain).

Respectfully submitted,

Robert Slocum L-60-1 Surveillance Panel Chairman



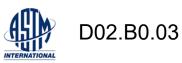
### L-60-1 Surveillance Panel Meeting

11/09/2021 3:00pm– 4:00pm Robert Slocum



## Agenda

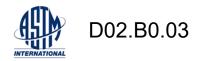
- Call to Order/Agenda review
- Membership review
- Meeting Minute Approvals
  - August 11th, 2021, ASTM Meeting
  - September 30th ,2021 , Conference Call
- L60 Stand Drawing Location
  - Procedure Update
- L-60-1 Severity Action's
  - Borderline Oil ?
  - Matrix on Old Hardware?
- Old Business
- New business
- Adjournment



# **Membership Review**

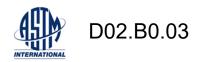
### L-60-1 Surveillance Voting Members

Allen Comfort	US Army		
Amy Zyski	Dana		
Arjun Goyal	BASF		
Anthony Lange	Intertek		
Jason W. Carter	Meritor		
Dylan Beck	ТМС		
Robert Slocum	Lubrizol		
Matt Sangpeal	Afton		
Mike Cabaj	Linamar		
Rebecca Warden	SwRI		
Rob Banas	ExxonMobil		
Troy Muransky	AAM		



### **Meeting Minutes Approval**

- August 11th, 2021, ASTM Meeting
- September 30th ,2021 , Conference Call



- L60 Stand Drawing Location
  - Procedure Update

#### 2.4 TMC Website ASTM Adjuncts:<sup>6</sup>

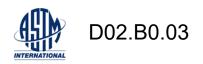
**Engineering Drawings** 

**6.1** A description of essential apparatus features is given as follows, including mandatory equipment type and performance specification where established. See <u>Annex A5</u> and <u>Annex A6</u> for schematics and additional information of a general nature. Those wishing to build this test apparatus shall base construction on full engineering drawings (see <u>6.2</u>). <u>A list of suppliers is available from ASTM</u> International Headquarters.<sup>6</sup>

**6.2** Construct all new equipment in accordance with the engineering drawings available as an adjunct from ASTM Headquarters at the TMC website<sup>6</sup> in order to meet calibration requirements. Builders unable to obtain specified parts and wishing to use substitutes shall request approval from ASTM Subcommittee D02.B0.03.

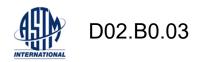
#### FOOTNOTES

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- L-60-1 Severity Action's
  - Borderline Oil ?
  - Matrix on Old Hardware?

80W-90	Afton 9/12/2021	Afton 10/16/2021	SWRI 10/24/2021
Run #	4F-378	5F-435	TBD
Gear Batch	12-11-45	12-11-36	TBD
Visc increase %	36.4	36.4	44.0
Pentane Insol, wt%	0.4	0.6	0.4
Toluene Insol, wt%	0.4	0.4	0.4
Carbon/Varnish merits	6.8	6.4	7.6
Sludge merits	9.3	9.5	9.5
	Fail	Fail	Pass



### **Old Business**

### **New Business**

Adjournment