

**Report of Meeting**  
**L-60-1 Surveillance Panel Conference Call**  
**November 9th, 2021**

**Attendees:**

SwRI -	<b>Warden</b> , Kostan, Mueller
Lubrizol -	Venhoff, <b>Slocum</b> , Bealko
Afton -	<b>Sangpeal</b> , Bell
Intertek -	<b>Lange</b>
TMC -	<b>Beck</b>
ExxonMobil -	<b>Banas</b>
BASF -	<b>Goyal</b> , Mosher
Dana -	<b>Zyski</b>
Meritor -	LaBond, <b>Carter</b>
Army -	<b>Comfort</b> , Sattler
AAM -	<b>Muransky</b>
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 → 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>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 [Annex A5](#) and [Annex A6](#) for schematics and additional information of a general nature. Those wishing to build this test apparatus shall base construction on full engineering drawings (see [6.2](#)). ~~A list of suppliers is available from ASTM 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**

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

**Motion #2** → 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** → 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



D02.B0.03

# 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

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

# 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

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#### FOOTNOTES

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

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





D02.B0.03

Old Business

New Business

Adjournment