Report of Meeting L-60-1 Surveillance Panel Aug. 13th, 2025

Attendees:

SwRI - Wright, Charron

Lubrizol - Schaup, Grewe, Parker Afton - Sangpeal, Bell, Campbell

Intertek - Portell

TMC - Beck, Venhoff

BASF - **Goyal,** Margret, Mosher

Dana - **Gibson**Cummins-Meritor - **Carowick**

Army - Sattler, **Comfort**

AAM - **Muransky** Fuchs - Bender,Maxim

Oronite- Warden
Shell- Schweitzer
Exxon- Jetter

Daimler Truck NA- Vander Wal

Infenium- Smith
Richful- McCollum

Voting Members in **BOLD 1.0 Membership Review**

Updated membership removed Anthony Lange and added Micheal Portell, Removed Caroline Muller and added Payton Wright. Added Addison Schweitzer.

2.0 Meeting minutes Approval

May 7th, 2025, ASTM Meeting #217

Motion #1 \rightarrow Goyal 1st /2nd McCollum approve the meeting minutes from the May 7th, 2025, ASTM Meeting. Motion passed unanimously, 15-0-0 (Yes-No-Abstain).

3.0 Action Item Review

Previous Action Items:

- Nick to work with AAM on sourcing lead gears from AAM.
 - o AAM needs gear drawings
- Unleaded Gear data generation
 - Completed

4.0 Unleaded Gear Data Review

- Data was presented to the group and can be found in the appendix of the meeting minutes.
- The data confirmed the experience that was shared in the January meeting that unleaded gears produce more severe carbon varnish results.
- Action Item #1: Nick Schaup is to set up a meeting with all labs, the TMC, and the stats group to determine what the recommendations moving forward are. We are to determine what a full validation matrix would look like for both leaded (manufactured by AAM) and unleaded gears.
- Action Item #2: Nick Schaup to get a order quantity from all labs to facilitate getting a quote (Price and timeline) from both Boston Gear and AAM.
- Action Item #3: Nick Schaup to get Boston Gear drawings to AAM for prototyping quote.

5.0 Industry Charting Discussion

- Data was presented to the group regarding some industry alarms that need to be addressed. The group
- Action Item #4: Nick Schaup is to have the stats group evaluate the data over the last 4 years and give recommendations based on what they find.

6.0 Old Business

• It was noted that the Information letter allowing for alternate Air flow meters was not signed and posted. This was rectified after the meeting by Nick Schaup

7.0 New Business

8.0 Action Item Summary

- Action Item #1: Nick Schaup is to set up a meeting with all labs, the TMC, and the stats group to determine what the recommendations moving forward are. We are to determine what a full validation matrix would look like for both leaded (manufactured by AAM) and unleaded gears.
- Action Item #2: Nick Schaup to get a order quantity from all labs to facilitate getting a quote (Price and timeline) from both Boston Gear and AAM.
- Action Item #3: Nick Schaup to get Boston Gear drawings to AAM for prototyping quote.
- Action Item #4: Nick Schaup is to have the stats group evaluate the data over the last 4 years and give recommendations based on what they find.

9.0 Adjourn

Motion #3 → Muransky 1st /2nd Warden to adjourn. Motion passed unanimously, 15-0-0 (Yes-No-Abstain).

Respectfully submitted,

Nicholas Schaup L-60-1 Surveillance Panel Chairman



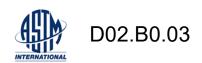
L-60-1 Surveillance Panel Meeting

08/13/2025

Nick Schaup

Agenda

- Call to Order/Agenda review
- Membership review
- Meeting Minute Approvals
 - May 7th 2025, Surveillance panel meeting
- Action Item Review
- Unleaded gear runs data review
- Review of industry charts
- Old Business?
- New business
- Adjournment

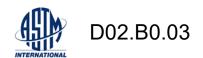


Membership Review

Allen Comfort	US Army
Trevor Gibson	Dana
Arjun Goyal	BASF
Micheal Portell	Intertek
Jessica Carowick	Cummins
Wes Venhoff	ТМС
Nick Schaup	Lubrizol
Matt Sangpeal	Afton
Payton Wright	SwRI
Steve Jetter	ExxonMobi
Troy Muransky	AAM
Rebecca Warden	Oronite
Clarance McCollum	Richful
Andrew Smith	Infinium
Camden Vander Wal	Daimler
Addison Schweitzer	Shell

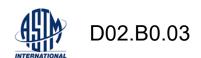
Meeting Minutes Approval

– May 7th, 2025, Surveillance Panel Mtg



Action Item Review

Run Unleaded Gears



Wes to present data and charts



Old Business

New Business

Adjournment