

Report of Meeting
L-60-1 Surveillance Panel
Nov. 12th, 2025

Attendees:

SwRI -	Wright, Lange
Lubrizol -	Schaup, Grewe, Parker, Westmoreland
Afton -	Sangpeal, Bell, Campbell
Intertek -	Murray, Portell
TMC -	Beck, Venhoff, Transue
BASF -	Goyal, Margret, Mosher
Dana -	Gibson
Cummins-Meritor -	Carowick, Catania
Army -	
AAM -	Muransky
Fuchs -	
Chevron Oronite-	Warden
Shell-	Schweitzer
Exxon-	Jetter
Daimler Truck NA-	Vander Wal
Infenium-	
Richful-	

Voting Members in **BOLD**

1.0 Membership Review

Motion #1 → Schaup 1st /Goyal 2nd Updated membership changed voting member from Micheal Portell to Reagan Murray. **Motion passed unanimously, 13-0-2 (Yes-No-Abstain)**

2.0 Meeting minutes Approval

Motion #2 → Muransky 1st /Carrowick 2nd approve the meeting minutes from the Aug 13th, 2025 , ASTM Meeting. **Motion passed unanimously, 13-0-2 (Yes-No-Abstain).**

3.0 Action Item Review

Previous Action Items:

- Schaup to reach out to the stats group for both Industry alarm review over the past 4 years and recommendations on approval matrices for both leaded gears from AAM and non leaded gears from Boston Gear (Open, request for support was submitted)
- Action Item #1 Nick Schaup to talk with Phil Scinto about these outstanding request.
- Labs to send Schaup quantities for both leaded and unleaded gears. (Closed, discussed at meeting)
 - Afton (1000)
 - Intertek (800)
 - Southwest Research Institute (750)
- Drawings to be given to the Prototype lab at AAM (Closed)

4.0 Hardware approval discussion

- The panel is looking to confirm the viability of the leaded gears from AAM in a 5 year quantity. Testing will be required and a pilot batch of 30 sets will be purchased, with the intent that each lab will run two tests on each reference oil. Those runs will not count against the reference period.
 - The panel has chosen to prioritize AAM gears as a 5 year stop gap, once that has been done, test development on unleaded gears will start after that hardware has been approved.

- The panel has decided to investigate the viability of re-using gears that have already been run. We will attempt to alter existing ASTM approved varnish removal processes (Seq 3 & 5 engine tests). This is an attempt to allow the industry to continue running if the AAM gears are not produced in time.
- Action Item #2: Nick Schaup is to coordinate the purchase of the pilot batch with AAM
- Action Item #3: Nick Schaup is to hold Bi-weekly meetings to facilitate an expedited solution to the hardware shortage in the industry.
- Action Item #4: Nick Schaup is to identify the minimum order of Boston Gear unleaded gears, and facilitate an order for the industry to start collecting more data on unleaded gears for new test development.

5.0 Viscosity measurement discussion

- It was noted that only one lab is taking a viscosity measurement manually, that lab is looking to move to an automated measurement. This may help bring the vis parameter back into control in the industry charting moving forward.

6.0 Old Business

7.0 New Business

8.0 Action Item Summary

- Action Item #1 Nick Schaup to talk with Phil Scinto about these outstanding requests.
- Action Item #2: Nick Schaup is to coordinate the purchase of the pilot batch with AAM
- Action Item #3: Nick Schaup is to hold Bi-weekly meetings to facilitate an expedited solution to the hardware shortage in the industry.
- Action Item #4: Nick Schaup is to identify the minimum order of Boston Gear unleaded gears, and facilitate an order for the industry to start collecting more data on unleaded gears for new test development.

9.0 Adjourn

Motion #3 → Goyal1st/2nd Carrowick to adjourn. Motion passed unanimously, 13-0-2 (Yes-No-Abstain).

Respectfully submitted,

Nicholas Schaup
L-60-1 Surveillance Panel Chairman



D02.B0.03

L-60-1 Surveillance Panel Meeting

11/12/2025

Nick Schaup

Agenda

- Call to Order/Agenda review
- Membership review
- Meeting Minute Approvals
 - Aug 13th 2025, Surveillance panel meeting
- Action Item Review
- Unleaded gear matrix discussion
 - Leaded gear update
- Vis measurement discussion
- 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	TMC
Nick Schaup	Lubrizol
Matt Sangpeal	Afton
Payton Wright	SwRI
Steve Jetter	ExxonMobi
Troy Muransky	AAM
Rebecca Warden	Oronite
Clarence McCollum	Richful
Andrew Smith	Infinium
Camden Vander Wal	Daimler
Addison Schweitzer	Shell

Meeting Minutes Approval

– Aug 13th, 2025, Surveillance Panel Mtg

Action Item Review

- Reached out to stats group about recommendation for full validation matrix – no response
- Only one lab has reached out to me for order quantities from AAM (leaded) /Boston Gear (unleaded)
- Drawings were given to AAM prototype group... yesterday
- The stats group did not respond to my email request or follow up on reviewing the industry control charts for the L-60s

Proposed path forward for L-60 gears

- Labs to get me quantities of gears for Boston Gear and AAM
- Run AAM gears as soon as they are available
- Run X amount per lab of unleaded gears to give stats group something more than an N size of 8 to work with.
- Do we want to explore running unleaded gears with a lead catalyst strip? (either in addition or in place of a copper strip)

Viscosity Measurement (D445)

- Are labs using a manual measurement or an automated machine to record this measurement?
 - If you are using a machine, what kind?
- This is one of the Industry alarms that was discussed in the last meeting, and currently the only parameter marked action.

Old Business

New Business

Adjournment