LRI Gear Lubricants Review Committee
Intertek AR – Plymouth, Michigan
November 14, 2024
Meeting #215 Minutes
UNCONFIRMED

OPEN COMMITTEE MEETING

1.0 QUORUM / INTRODUCTIONS

1.1 Opening Comments, Call to Order / Quorum Check

The meeting was called to order by Chairperson, Troy Muransky. A quorum was established with the following representatives present. NOTE: Some members attended in-person, and some attended via Telecon only and are noted with an "*".

ATTENDANCE – LRI Review Committee Members:

| | |
|---|---|
| Dylan Beck | ASTM/TMC |
| Hailey Catania (Alt) | Cummins Meritor |
| Allen Comfort | U.S. Army |
| Enia Fry | Daimler Trucks North America |
| Bruce McGlone | Retired – Cummins Meritor |
| Jeanelle Morris | Navistar |
| Troy Muransky | American Axle & Mfg. - Chairperson |
| Suzanne Neal | Daimler Trucks North America |
| Eric Sattler (Alt) | U.S. Army |
| Khaled Zreik | General Motors |
| Amy Zyski | Dana Corporation – Vice Chairperson |

LRI Committee Members:

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|---|---|
| Nick Ariemma | The Lubrizol Corporation |
| Rob Banas | ExxonMobil |
| Don Bell | Afton Chemical Corporation |
| Tobias Bender | FUCHS |
| Margaret Caridi | BASF Corporation |
| Jason Gingerich | The Lubrizol Corporation |
| Arjun Goyal | BASF Corporation |
| Hyeok Hahn * | Chevron |
| Daniel Horvath | Afton Chemical Corporation |
| Alexander Jackson | Chevron Oronite |
| Anthony Lange | Intertek AR |
| Donna Mosher | BASF Corporation |
| Caroline Mueller | Southwest Research Institute |
| Matt Sangpeal* | Afton Chemical Corporation |
| Nick Schaup | The Lubrizol Corporation |
| Addison Schweitzer | Shell International |
| Dairene Uy* | Shell International |
| Rebecca Warden | Chevron Oronite |

Guests:

| | |
|---|---|
| Nilesh Kady* | The Lubrizol Corporation |
| Martin Pfeiffer | Daimler Trucks North America |
| Karthikeyan Prabakaran* | The Lubrizol Corporation |
| Wes Venhoff | ASTM/TMC |
| Camden Vander Wal | Daimler Trucks North America |

PRI Staff

Wendy Grubbs

1.2 Review Code of Ethics and Conflict of Interest

The meeting attendees were reminded of their Code of Ethics and Conflict of Interest responsibilities and Anti-Trust notification which are intended to guide all in their participation in the meeting. They were posted at the bottom of the meeting agenda.

1.3 Confirmation of Guests – Determine Membership

Camden Vander Wal – Daimler Trucks North America and Wes Venhoff – ASTM TMC will be required to attend two (2) LRI Meetings in order to be considered as LRI Reviewers.

1.4 Review Members Completion of Confidentiality Forms

Camden Vander Wal, Martin Pfieffer, Wes Venhoff and Dylan Beck signed Confidentiality Forms.

1.5 Request for Membership

Camden Vander Wal – Daimler Trucks North America and Wes Venhoff – ASTM TMC will be required to attend two (2) LRI Meetings in order to be considered as LRI Reviewers.

2.0 Approval of Previous Meeting #214 Minutes

J. Morris made a motion, 2nd by A. Comfort to approve the LRI Meeting Minutes for meeting #214 as written. Unanimously approved.

3.0 Summary of ASTM Meetings

3.1 Report of Summary of ASTM Meetings – N. Ariemma

N. Ariemma presented a summary report of the ASTM meetings conducted Wednesday, November 13th. (Attachment 1).

4.0 Action Item Review

4.1 PRI to develop a Letter to Industry regarding changing “Initial Boiling Point” replacing “1% @ °C”. “ASTM D2887” replaces “ASTM D6417” and noting the revision of GL Form 4. **CLOSED**

4.2 LRI Committee Members to provide any field trial information to H. Hahn for use by the Field Trial Replacement Sub-Team. **CLOSED**

4.3 T. Muransky to combine GL Forms 2 and GL Form 2a, correct the Boiling Point Distribution on GL Form 4 and FTIR to the NEW GL Form 2. Also remove the “M” and “Matrix” from GL Form 0 and change it to “W” “Waiver”. On the GL Form 1 remove “M = Matrix” and change to “W = Waiver”. **CLOSED**

4.4 T. Muransky to schedule a WebEx or TEAMs Telecon Meeting to develop a field trial pass/fail criteria. **OPEN**
**UPDATE: PRI to schedule a one (1) hour Closed Meeting during the February 2025 LRI Meeting #216.**

4.5 T. Muransky to combine GL Forms 2 and GL Form 2a, correct the Boiling Point Distribution on GL Form 4 and FTIR to the NEW GL Form 2. Also remove the “M” and “Matrix” from GL Form 0 and change it to “W” “Waiver”. On the GL Form 1 remove “M = Matrix” and change to “W = Waiver”. **CLOSED**

4.6 D. Beck to discuss with TMC management to confirm TMC’s security/privacy and also confirm the data retention period of the requested seven (7) years of the LRI data posted on the TMC website. **CLOSED**

5. LRI Meeting Attendance / Venue

5.1 2025 DRAFT LRI Meeting Schedule (request status of field test presentations)
The next LRI Meeting #216 is scheduled for Thursday, February 13, 2025, at the Southwest Research Institute in San Antonio, Texas. No Field Trial Presentations are planned.

Southwest Research will provide a Rating Demonstration of the L37 test on Tuesday, February 11, 2025, and the ASTM Meeting will be held on Wednesday, February 12, 2025.

6 Old Business

6.1 Field Trial Replacement (Light Duty) Sub-Team Update – H. Hahn
The Sub-Team consists of Hyeok Hahn (Lead), Don Bell, Anthony Lange, Donna Mosher, Allen Comfort, Amy Zyski, Nick Schaup, Eric Sattler, Rebecca Warden, Dairene Uy, Caroline Mueller, Troy Muransky, Matt Sangpeal, Jessica Carowick, Steve Carr - Guests: Michael Portell (Intertek), Michael Charron (SwRI)

Still need Reviewers and Additive Companies to provide their top 10 choices of light duty vehicle/axle from recent field trials.

6.2 Pass/Fail Criteria for Review of Field Trials Sub-Team – T. Muransky
The Sub-Team consists of: Allen Comfort, Nick Ariemma, Amy Zyski, Jessica Carowick, Nick Schaup, Caroline Mueller, Jeanelle Morris, Anthony Lange
Criteria to include: no cracks, visual inspection, oil drain data, no candidate related issues.

A one (1) hour LRI Reviewer Closed Meeting will be conducted during the February 2025 LRI Meeting.

**ACTION ITEM: PRI to schedule a one (1) hour LRI Reviewer Closed Meeting on the agenda for the February 13, 2025, LRI Meeting Agenda.**

6.3 GL Form Revision – T. Muransky

The revision was reviewed and discussed.

**ACTION ITEM: T. Muransky to provide a final draft of the GL Forms to PRI for ballot distribution to the entire LRI Committee.**

6.4 TMC Security – User/Reviewer Access – Removing Access

Awaiting final action from BASF Legal.

6.5 PD4000 Revision – T. Muransky

**ACTION ITEM: T. Muransky to provide a final draft of the PD 4000 to PRI for ballot distribution to the entire LRI Committee.**

7.0 New Business / Open Discussion

7.1 GL Form 3a – L-60-1 – 3 Runs (T. Muransky)

Resolved with the revision of the GL Form 3a.

7.2 GL Form 4 (N. Ariemma)

Resolved with the revision of the GL Form 4

7.3 BOI or New Formulation (N. Ariemma)

Resolved with the revision of the GL Form

8.0 Parking Lot

- Following finalization of the next revision of PD4000, the LRI Committee needs to determine if they want to leave the Field Trial Test process in PD4000 or request that the TMC develop an ASTM Test Method for Field Trial Tests.

9.0 Adjournment

NOTE: 40-Day Corrections are due to PRI by Tuesday, December 24, 2024.

The next LRI Committee Meeting is scheduled for Thursday, February 13, 2025. A notification will be distributed three (3) weeks prior to that date.

Presenters are requested to provide an expected date of field test completion and presentation to the LRI Committee by contacting the PRI Staff (Wendy Grubbs – wgrubbs@p-r-i.org or 724/772-8647).

Minutes prepared by Wendy Grubbs

| ***** For PRI Staff use only: ****** | | |
|---|---|---|
| Are procedural/form changes required based on changes/actions approved during this meeting? (select one)<br>YES* ☒ NO ☐<br>*If yes, the following information is required: | | |
| Documents requiring revision: | Who is responsible: | Due date: |
| **GL Forms** | **T. Muransky** | **December 31, 2024** |
| **PD4000** | **T. Muransky** | **December 31, 2024** |