LRI Gear Lubricants Review Committee
PRI Headquarters – Warrendale, Pennsylvania
August 8, 2024
Meeting #214 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 Vice Chairperson, Amy Zyski. A quorum was established with the following representatives present. NOTE: Some members attended in-person, and some attended via WebEx/Telecon only and are noted with an "*".

ATTENDANCE – LRI Review Committee Members:

Dylan Beck	ASTM/TMC
Jessica Carowick	Cummins Meritor
Hailey Catania	Cummins Meritor
Allen Comfort	U.S. Army
Bruce McGlone *	Retired – Cummins Meritor
Jeanelle Morris	Navistar
Troy Muransky *	American Axle & Mfg. - Chairperson
Eric Sattler (Alt)	U.S. Army
Amy Zyski	Dana Corporation – Vice Chairperson

LRI Committee Members:

Nick Ariemma	The Lubrizol Corporation
Rob Banas	ExxonMobil
Don Bell	Afton Chemical Corporation
Margaret Caridi	BASF Corporation
Arjun Goyal	BASF Corporation
Hyeok Hahn *	Chevron
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
Chao Zhang *	Petro China

Guests:

Connor Thomas	Southwest Research

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

The attendees recognized as Guests were acknowledged.

1.4 Review Members Completion of Confidentiality Forms

Hailey Catania from Cummins Meritor provided a signed Confidentiality Form and a letter of recommendation from her employer. This is Hailey's second of the two required in person training LRI Meetings.

1.5 Request for Membership

Hailey Catania – Cummins Meritor – LRI Reviewer

A.Comfort made a motion, seconded by J. Morris to approve Hailey Catania as an LRI Reviewer for L-33. Unanimously approved.

2.0 Approval of Previous Meeting #213 Minutes

A.Comfort made a motion, 2nd by J. Morris to approve the LRI Meeting Minutes for meeting #213 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, August 7th. (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. **OPEN**

4.2 J. Clark to determine where we can publish the Field Trial test method in lieu of including it in SAE J2360 or PD4000 – i.e., an ASTM Test Method. **CLOSED**
UPDATE: J. Clark indicated that a Standard Practice is the recommended document that could be developed to provide a test method for field trials.

4.3 J. Carowick to contact Mike Johns (bearings) and Ron Noteboom (seals) from Cummins Meritor to see if they will be the SMEs to work with the Field Trial Replacement Sub-Team. S. Carr volunteered to be an SME for Seals. **CLOSED**
UPDATE: Both are willing to participate on the sub-team. J. Carowick to provide presentation of the current status of the Field Trial Replacement Sub-Team. (PRI emailed J. Carowick the last presentation and meeting minutes for the FTR Sub-Team 8/8/2024)

4.4 PRI to revise GL Form 0 to remove the Reference Tests at the top of the page. **CLOSED**
UPDATE: To be considered with T. Muransky's revision of the GL Forms

4.5 D. Beck to confirm that TMC has the ability to save the LRI Meeting candidate submittals for seven (7) years. **CLOSED**
UPDATE: D. Beck confirmed that the TMC has the ability to save the LRI candidate submittals for seven (7) years.

4.6 PRI to remove the following from the LRI Meeting Attendance List and the Outlook Distribution List for the Lubricant Review Institute: Melinda Bartlett, Kristijan Drlja, Jacob Huxford, Bob Mlachak, Arthur Sanchez, Daniel Schwenk, Angela Willis. **CLOSED**

4.7 PRI to email those members listed on the Meeting Attendance list that have not participate in a meeting in quite some time to determine if they want to maintain their membership on the LRI Committee. **CLOSED**

4.8 A.Comfort to confirm that the information is incorporated in the next revision of PD4000 to address the military Limited Slip Differential required information. **CLOSED**
UPDATE: A.Comfort confirmed that the new GL Form and the revised PD4000 addresses the Limited Slip Differential required information.

4.9 PRI to provide a copy of the proposed draft to T. Muransky and A. Zyski for a review prior to the draft document being distributed to the entire LRI Committee for review and request comments. **CLOSED**

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

4.11 D. Beck to update the "LRI Lab Submittal Website Instructions Updated March 1, 2022" and include more detail on the titling of the documents being posted on the website. **CLOSED**
UPDATE: PRI to distribute the "LRI Lab Submittal Website Instructions" to all Presenters.

4.12 PRI to distribute an email communication to all Presenting Companies informing them of the hardcopy documentation requirements for the LRI Committee Meetings for the Reviewers. **CLOSED**

4.13 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". **OPEN**
UPDATE: T. Muransky to provide PRI with the revised GL Forms for distribution to the entire LRI Committee for their review and comment.

4.14 T. Muransky to schedule a WebEx or TEAMs Telecon Meeting to develop a field trial pass/fail criteria. **OPEN**

4.15 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. **OPEN**
UPDATE: D. Beck awaiting the Fall TMC Board Meeting to provide security/privacy policy.

ACTION ITEM: D. Mosher, A. Goyal, M. Caridi and D. Beck to conduct a call to discuss ASTM/TMC's security procedures so that BASF can post their candidate information on the TMC Website for viewing by the LRI Reviewers.

5. LRI Meeting Attendance / Venue

5.1 Confirm Next LRI Meeting Venue (request status of field test presentations)
The next LRI Meeting #215 is scheduled for Thursday, November 13, 2024, at Intertek AR in Plymouth, Michigan. Lubrizol will be presenting a field trial.

6 Old Business

6.1 Limited Slip Differential Clutches Sub-Team Report Out
Allen Comfort, Troy Muransky, Arjun Goyal, Dan Horvath, Matt Sangpeal, Don Bell, Dairene Uy, Jessica Carowick, Amy Zyski, Anthony Lange, Jeanelle Morris, Wes Venhoff, Greg Hansen, Michael Portell

Limited Slip Differential Clutches Sub-Team is sunset.

6.2 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.

6.3 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 Conference Call with the Sub-Team is to be scheduled.

6.4 GL Form Revision – T. Muransky

The revision was reviewed and discussed. See updated Action Item.

ACTION ITEM: T. Muransky to provide PRI with the revised GL Form for distribution to the entire LRI Committee for their review and comment.

6.5 TMC Security – User/Reviewer Access – Removing Access

D. Beck awaiting the Fall ASTM/TMC Board Meeting to provide A security/privacy policy.

7.0 New Business / Open Discussion

7.1 None at this time.

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, September 17, 2024.

The next LRI Committee Meeting is scheduled for Thursday, November 14, 2024. 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) YES* ☒ NO ☐ *If yes, the following information is required:		
Documents requiring revision:	Who is responsible:	Due date:
GL Forms	**T. Muransky**	**September 1, 2024**
PD4000	**PRI**	**TBD**