Report of Meeting L-37-1 Surveillance Panel Conference Call November 10th, 2020

Attendees:

SwRI - Warden, Grinfield

Lubrizol - Venhoff, **Slocum,** Drjla, Bealko

Afton - Sangpeal,

Intertek - Lange, Smith, Lopez

TMC - Beck

ExxonMobil - Banas, Kanga BASF - Goyal, Mosher

Dana - **Zyski**

Meritor - LaBond, Carter
Army - Comfort, Sattler
AAM - Muransky

Linamar -

Chrysan - Rabinowitz

Shell - Uy

Voting Members in **BOLD**

1.0 Membership Review

No changes

2.0 Meeting minutes Approval

August 12th, 2020 (LRI# 198)

Motion #1 \rightarrow A. Zyski 1st /2nd A. Goyal to approve the meeting minutes from the August 12th, 2020 (LRI# 198), Motion passed unanimously, 11-0-0 (Yes-No-Abstain).

3.0 Formal Documentation of Canadian Gleason

- Was brought to attention that Motion #4 from the meeting minutes of 02/13/2019 involving the removal of appendix X1.1.1 of D8165 was overlooked and not addressed in info letter 19-01.
 - o Dylan will investigate pushing through in an updated information letter.

Motion #2→ W. Venhoff 1st /2nd M. Sangpeal to approve the removal of the last sentence of sec. 4.3 of D8165 (The Canadian test is described in a non-mandatory appendix because the gearset hardware has not yet been approved.). Motion passed unanimously, 11-0-0 (Yes-No-Abstain).

4.0 Next Gleason Batch Quantities

- R. Slocum Action Items
 - Verify with Gleason that Lubriting is the very last step in there manufacturing process
 - o Ask Gleason about the next batch of steel lead time
 - o Attempt again to contact Custom Coatings about lubriting coating weight
- Labs will think about 3-year hardware quantities
- Are there potentially other lubriting vendors?

5.0 Adjourn

Motion #3 \rightarrow W. Venhoff 1st /2nd A. Comfort to adjourn. Motion passed unanimously, 11-0-0 (Yes-No-Abstain).

Respectfully submitted,

Robert Slocum L-37-1 Surveillance Panel Chairman

L-37-1 Surveillance Panel Meeting

11/10/2020 4:00 pm – 5:00 pm Robert Slocum



Agenda

- Call to Order/Agenda review
- Membership review
- Meeting Minute Approvals
 - -August 12th, 2020 (LRI# 198)
- Formal Documentation of Canadian Gleason
- Next Gleason Batch Quantities
- New business
- Adjournment



Membership Review

Rob Banas ExxonMobil

Allen Comfort US Army

Troy Muransky AAM

Matt Sangpeal Afton

Arjun Goyal BASF

Amy Zyski Dana

Dylan Beck TMC

Jessica LaBond Meritor

Anthony Lange Intertek

Robert Slocum Lubrizol

Rebecca Warden SwRI

Kaled Zreik GM

Mike Cabaj Linamar

Total Voting Members = 13

Meeting Minutes Approval

- August 12th, 2020 (LRI# 198)

Formal Documentation of Canadian Gleason

4.3 The test method consists of running the axle unit for 24h at 80 wheel r/min and 2359N·m wheel torque. There are two variants of the test—the standard test, for which the lubricant temperature in the axle is 135°C, and the Canadian test, for which the lubricant temperature is 93°C. The Canadian test is described in a non-mandatory appendix because the gearset hardware has not yet been approved.

X1 | THE CANADIAN TEST

X1.1 General:

X1.1.1 The Gleason Works gearset hardware has not yet been approved for the Canadian test.

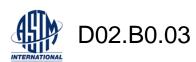
From Meeting Minutes 2/13/2019 Motion #4 was overlooked in information letter 19-01

5.0 D8165 Procedure Discussion

The focus of this discussion was on gear test phase section 10.4 and appendix X1. The following motions were made:

Motion #3 → W. Venhoff 1st/2nd D. Smith for section 10.4.2, change the wording of the second sentence to read "Hold at this condition until the axle lubricant temperature is greater than or equal to 79°C" and for section 10.4.2.2, change the wording at the beginning of that sentence to read "Once the axle lubricant temperature is greater than or equal to 79°C, smoothly apply dynamometer load..." Motion passed unanimously, 10-0-0 (foragainst-abstain).

Motion #4 \rightarrow W. Venhoff 1st/2nd E. Donovan to remove section X1.1.1. Motion passed unanimously, 10-0-0 (foragainst-abstain).

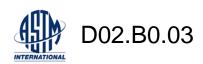


Next Gleason Batch Quantities



New Business

• 7



Adjourn