

Report of Meeting
L-37/L-37-1 Surveillance Panel Teleconference

August 8th, 2017

Attendees:

US Army -	Comfort , Sattler
Detroit Diesel -	Belay
SwRI -	Warden
Lubrizol -	Venhoff , Drlja, Foecking, Marsic, Ebner
Afton -	Donovan , Bell, Kearney, <i>Schwenk</i>
Intertek -	Smith , Trader
TMC -	Parke , Beck
ExxonMobil -	Banas , Kanga
AAM -	Dharte
BASF -	Goyal , Mosher

Voting Members in **BOLD**

Members joining on the phone in *italics*

These minutes capture the discussion at the L-37 S.P. meeting held at 10:30-11:00am EDT

The meeting was called to order at 1:00pm EDT

1.0 Approval of Meeting Minutes

Motion #1 → J. Dharte/2nd D. Smith to approve the meeting minutes. Motion passed unanimously, 9-0-0 (Yes-No-Abstain).

2.0 Gleason Build Procedure

Lots of discussion regarding the build procedure and additional build information that should be included. One of those items is the inclusion of photos detailing acceptable and unacceptable ring gear contact pattern photos (capturing 5-6 teeth) of both the drive and coast side. R. Warden offered to generate example photos for discussion and possible inclusion in the build procedure. The torque at which the contact pattern is to be generated was discussed and agreed upon to be 15 +/- 5 lbs-ft.

3.0 Housing/Parts for Rebuild

The surveillance panel agreed to approach Dana for a quote on partial axle assemblies. More precisely, carrier housing and axle tube assemblies (including diff case bearing caps) & differential case assemblies (including diff pinion gears, diff side gears, cross shaft, etc.). A discussion ensued further detailing diff case assembly options. Use of a spool setup was discussed and R. Warden suggested that SwRI would be willing to investigate this option after the new D number was issued.

4.0 New Test Procedure Items

Multiple items were identified in the new test procedure draft that needed further discussion. These are highlighted below:

8.2.1.3: Include both drive and coast side contact pattern photos of the ring gear in the test report.

9.3.3: ...as described in the LTMS document.

9.3.5: ...and the LTMS document.

12.5: Any "non-reference oil" test exhibiting...

5.0 Gleason Hardware Quote/Order

It was suggested that a new hardware batch quote be requested from Gleason, however the labs will hold on any serious talks of initiating the next hardware batch.

6.0 Gleason Non-lubrited/Lubrited Hardware Matrix

It was requested that Lab G generate two non-lubrited Canadian test results on TMC152-2. It was also requested that all labs generate one lubrited Standard result on TMC134 and one on TMC152-2 as an initial look at the lubrited hardware performance against the industry reference oils.

7.0 Adjournment

Motion #2 → R. Warden / 2nd D. Smith to adjourn. Motion to adjourn was passed unanimously, 9-0-0 (Yes-No-Abstain).

Meeting Adjourned at 3:30pm EST

Respectfully submitted,



Wes Venhoff



L-37/L-37-1 Surveillance Panel Chairman

ASTM L-37/L-37-1 Surveillance Panel Membership / Sign In List
Meeting Date: 8/9/17

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