
Committee D02 on PETROLEUM PRODUCTS AND LUBRICANTS

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May 23, 2007

Reply to:

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ASTM D02.B0.03 L-37 Surveillance Panel

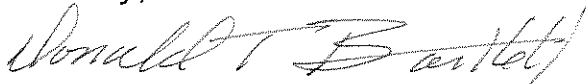
Members and Guests:

Attached for your review and comment are the unconfirmed minutes of the:

- o April 24, 2007 L-37 Surveillance Panel Teleconference Meeting

Please direct any corrections or comments to my attention.

Sincerely,



Donald T. Bartlett, Chairman

L-37 Surveillance Panel

Attachments

Report of Meeting
L-37 Surveillance Panel Teleconference Meeting
April 24, 2007, 10:00 EDT

I. Attendees:

ASTM TMC:	Don Lind	Ethyl Corp:	Cory Koglin
Lubrizol Corp:	Don Bartlett	Lubrizol Corp:	Allison Podboy
Infineum:	Sal Rea	SwRI:	Brian Koehler
PARC:	Dale Smith	Lubrizol Corp:	Chris Prengaman
DA Stuart:	Paula Vettel	SWRI :	Hector De Le Fuente

II. Agenda:

- 1) I have had phone discussions with Don Kreinbring, Kenny Miller, and Derek Ottley of Dana. The L-37 Lubrited axle build is complete and plans for shipment are planned for the 24th. Labs should start seeing hardware over the next 4-7 days.
 - o When do labs start on TMC 127 and timing for teleconference?
 - o When do labs start on TMC 151 or 155 and timing for teleconference?
 - o Timing of matrix completion and SP meeting to review and approve hardware and other action items.

III. Summary of Panel Discussion, Consensus, Actions, and Motions:

With respect to the lubrited hardware and matrix testing, the labs are prepared to begin receiving hardware the end of this week/early next week.

- a. With respect to the 44-test matrix, the panel voted (Motion Vettel, second Rea - Vote 7-0-0) to replace the TMC 151-3 oil test requirements with TMC oil 155 (same fluid/same reference targets previously approved by the panel).
- b. All matrix testing is to run in a qualified stand.
- c. The Labs agreed to sort through the respective pallets received to select no more than one axle from each pallet and to pick a range of break/turn, backlash, contact patterns, and report the Dana JUSA axle serial number in the comments section.
- d. The panel instructed the labs to immediately run a TMC 127 and 155 and hold for a panel teleconference to review the data with hopes of proceeding forward from there. It is anticipated that the teleconference call will be held the week of May 7.
- e. If the panel gives the OK, the labs all agreed that they would all work to complete the full matrix targeting the end of May. A SP meeting will be convened in June.
- f. 44-test matrix is defined as

Phase 1

- ✓ 1 TMC 121 per lab
- ✓ 1 TMC 155 per lab

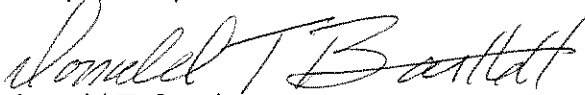
Phase 2

- ✓ 1 TMC 155 standard procedure per lab
- ✓ 2 TMC 152 standard procedure per lab
- ✓ 2 TMC 153 standard procedure per lab
- ✓ 2 TMC 152 Canadian procedure per lab
- ✓ 2 TMC 153 Canadian procedure per lab
- ✓ **Total 11 test per lab, phase 2 run order at discretion of the labs**

With respect to the ASTM GRTF workshop hosted at Lubrizol April 18 and 19th:

- a. Mr. Lind had the rating group rate 8 RCMS pinions that previously exhibited some variability, the first day using the boards and the second day using the CRC manual 21 photo, rating only ridging and rippling distress.
- b. The Chairman shared with the panel the GRTF request as follows: "After review of the Ridging mold and the discussion with Astro Manufacturing the Rating Task Force would like to propose the following changes. These changes hopefully would make the ridging mold easier to use. The biggest challenge is the glare or reflectivity of this mold. In order to reduce this glare Astro Manufacturing suggests adding a release agent to the process to remove some of the gloss on the black molded teeth. Also, tinting the white background would further reduce the glare on this ridging board. The cost to cover these changes would be in the \$80.00 range. The Rating Task force would like to be able to send this ridging moldboard around to the various labs and discuss the results before the next LRI. Finally, the Rating Task Force would like to request some time to discuss the results of our discussions at the next surveillance panel meeting".
- c. TMC has provided the attached 2-sheet excel spreadsheet for your review and preparation for the next teleconference.
- d. The panel requested another teleconference call be convened to discuss the rating molds "next step" plan on:
 - o **Tuesday May 1 at 10:00 a.m.**
 - o **Call in info is 608-250-0194, code 324160**

Respectfully submitted:



Donald T. Bartlett

L-37 Surveillance Panel Chairman