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From: Hamilton, Larry [Larry.Hamilton@lubrizol.com]

Sent: Thursday, April 26, 2012 7:13 AM

To: Higuchi, Samuel; NON-LZKOEHLERBRIAN; NON-LZ DALE SMITH; Scott Parke; Gropp,

Jerrold

Cc: Venhoff, Wes

Subject: L-60-1 Ad Hoc Conference Call 04/23/2012

L-60-1 Ad Hoc Conference Call 04/23/2012 minutes

Attendance: Samuel Higuchi; Scott Parke; Brian Koehler; Dale Smith; Jerry Group; Larry Hamilton

- Reviewed test results of the nine (9) L-60-1 tests completed on the new gear sets; as direction of the L-60-1 Surveillance Panel. All parameters were discussed but the conversation quickly centered around the Average Carbon Varnish (ACV).
- TMC supplied control charts for all three Testing Labs from 1994 to present; to compare the ACV Matrix results to the historical and current results for each Lab.
- All Labs noticed the new gear sets had a different appearance from the 2000 gears and that the new gears are easier to prepare.
- LDHA to check with Boston Gear about the steel used in this batch and if it is the same steel batch as the 2000 Gears. Gears were not manufactured from the same steel bars as previous gears. It is the same type of steel and this is why we took core samples to confirm that the steel was as close as possible to the previous batch.
- It was unanimously decided to continue the matrix testing to help determine ACV severity and to eliminate any Bar to Bar differences.

Lab B will run one (1) test using oil 151-2 on Gears from Bars 32/03.

Lab A will run two (2) tests using oil 148-1 on Gears from Bars 36/03 on both tests (one of these tests will be sponsored by Lab D).

Respectfully,

Larry D. Hamilton

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