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Meeting Minutes Surveillance Panel Meeting November 12, 2014

Members present:

Don Bell, Afton
Jarrod Chalkley, Afton
John Dharte, AAM
Jerry Gropp, Lubrizol
Percy Kanga, ExxonMobil
Marc Keisler, Afton
Bruce McGlone, Meritor
Troy Muransky, Meritor
Chris Pregelman, Lubrizol
Scott Parke, TMC
Dale, Smith, Intertek
Matt Umerly, Lubrizol
Rebecca Warden, SwRI
Olga Dykhno, BASF
Rob Banas, ExxonMobil

- The current Dana hardware for this test is becoming scarce. Rebecca Warden made a motion to extend the reference period to double (both in time and runs) for all v01.1 hardware until the hardware is exhausted. The motion was seconded by Matt Umerly. The vote was: 7 in favor, 0 opposed, and 1 abstention (TMC). The motion carried.
- The group also discussed whether it was necessary to save axles to use in referencing stands for new hardware qualification tests. The group decided that due to the shortage of hardware within the industry, that the stands would not need to be referenced for AAM hardware tests and therefore, no current v01.1 axles needed to be saved.
- Angela Trader updated the group with the following:
- AAM confirmed that there would be no increase in price with the exchange of VCI bags and RP for the factory gasket.
- Timken bearings not available for this axle. Significant cost increase of \$400 per axle would be incurred for either bearing design by Timken or pinion re-design by AAM.
- Initial order size looked to be 695 axles total.
- AAM agreed to build the axles to test specifications.
- Order was on hold until all labs agreed to move forward due to some unfavorable test results.
- Matt Umerly informed the group that LZ was now comfortable enough with the test results to move forward with AAM hardware.
- Angela Trader to contact AAM to get quotes sent to labs.
- Motion to adjourn: Jarrod Chalkley, Second: Rebecca Warden, motion carried unanimously

L33-1 / L33-2 Surveillance Panel Meeting

Automation Alley
Troy, MI
August 13, 2014
11:00am – 12:00pm



Agenda



Valued Quality. Delivered.

- Call to Order
- Membership Review
- Reference Period Extension?
- AAM Hardware Update
- New/Open Issues
- Adjournment

Reference Period Extension



Valued Quality. Delivered.

- Due to dwindling hardware supplies, a lab has requested we consider extending the reference period for L33-1 references
- Current reference period is every 10 tests or 3 months
- Considerations
 - Currently no hardware orders have been placed
 - Hardware supply throughout industry estimated to be less than 80 axles
 - Need referenced stands for hardware matrix tests

Membership Review



Valued Quality. Delivered.

Voting Members:

- Tom Bryson – Mack
- Allen Comfort – US Army
- John Dharte – AAM
- Jarrod Chalkley– Afton
- Percy Kanga – ExxonMobil
- Donna Mosher– Eaton
- Bruce McGlone – Meritor
- Scott Parke – TMC
- Angela Trader - Intertek
- Matt Umerly – Lubrizol
- Chintan Ved – Ford
- Rebecca Warden – SwRI
- Jack Zakarain – Chevron
- Khaled Zreik – GM

Any changes?

AAM Hardware Update

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Valued Quality. Delivered.

- Received a BOM from AAM including part numbers
- Labs determined initial order size of 695 axles (through 2016)
- Labs decided to eliminate cover gasket and include rust inhibitor and VCI bags
- AAM agreed to build axles to test specifications so little adjustments would be required to meet break and turn specs
- Commercial formulation testing began that proved mostly favorable, however, led to concern over using Koyo bearings
- Labs asked AAM to substitute Timken bearings and found there is no direct substitute (cost increase to incorporate ~\$400 per axle)
- Test substituting Koyo bearing with *similar* Timken bearing still inconclusive
- Hardware order currently on hold

New/Open Issues



Valued Quality. Delivered.

Anything new to add?

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Thank You!