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Meeting Minutes: Surveillance Panel Meeting November 4, 2015, 9:00am – 10:00 am EST

See attendance sheet for member attendance

- The L33 committee membership was reviewed. Eric Donovan will replace Thomas Gottwald as voting member for Afton.
- K2XX test matrix data was presented. Current data indicates the K2XX hardware is performing severe compared to Dana v01.1 hardware. However the data set is limited.
 - Motion was made by Jerry Gropp to ask each lab to run two additional tests (one of each reference fluid).
 - Motion seconded by Eric Donovan; motion passed with 3 for, 0 against, and 2 abstentions
 - Afton agreed to sponsor a couple of tests at the independent labs
- AAM has informed the panel that they will run short of order by 7 units due to losses during the machining process. At this point, only Lubrizol has not received all of the parts ordered. The invoices will be adjusted to account for the shortage of parts.
- The labs agreed they want the VCI bags AAM has offered (axles were to have been shipped in VCI bags, but were not). Angela Trader to contact AAM and have the bags sent to the labs.
- Rebecca Warden commented that the gasket does not match housing profile. These gaskets were made to match the factory gasket which also does not match the axle housing.
- Angela Trader was tasked with developing a procedure for modifying the McMaster parts used for sealing the axle tubes.
- Angela Trader was tasked with creating the rating aids for the K2XX axle.
- Rebecca Warden also commented that they are seeing imperfections in the Koyo side bearings after initial tear-down. The other labs have not noticed the same imperfections and need to make sure they are inspecting the bearings closely.
- A brief discussion of the new test procedure followed. To date, a draft has been received from the facilitator. Precision data and some figures are still required.
- Motion was made to adjourn the meeting by Rebecca Warden and seconded by Dale Smith. Motion carried unanimously.

Respectfully,

L33-1 / L33-2 Surveillance Panel Meeting

Automation Alley
Troy, MI
November 4, 2015
9:00am – 10:00am



Agenda



Valued Quality. Delivered.

- Call to Order
- Membership Review
- L33-2
 - Matrix Test Results
 - AAM Hardware Update
 - Procedure Updates
- New/Open Issues
- Adjournment

Membership Review



Valued Quality. Delivered.

Voting Members:

- Tom Bryson – Mack
- Allen Comfort – US Army
- John Dharte – AAM
- Thomas Gottwald – Afton
- Rob Banas – 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?

Matrix Test Results



Valued Quality. Delivered.

TMC Oil Code	Rating Location										Final Rust
	1	2	3	4	5	6	7	8	9	10	
155-1	9	10	9	8	10	9	10	10	10	10	9.4
155-1	10	8	8	10	10	9	10	10	10	10	9.3
155-1	10	8	8	9	10	10	10	10	10	10	9.3
155-1	10	8	8	9	10	10	10	10	10	10	9.3
123-2	8	9	8	8	8	8	10	8	8	8	8.3
123-2	8	5	5	8	8	8	8	8	9	8	7.2
123-2	5	8	8	8	8	8	8	9	8	8	7.8
123-2	8	8	8	8	8	8	8	8	8	8	8.0
123-2	10	8	8	9	9	8	8	10	9	9	8.8
123-2	9	8	8	8	8	8	8	9	9	8	8.2

Current v01.1 Targets

155-1 Mean: 9.580 Std. Dev.: 0.250

123-2 Mean: 8.740 Std. Dev.: 0.260

AAM Hardware Update



Valued Quality. Delivered.

Nearly all hardware delivered

- Only SwRI and Lubrizol still incomplete
- 5 Units short
- AAM will adjust invoices
- Labs to decide how shortage split

Axles not sent in VCI bags

- AAM will send bags to labs if desired

ASTM Procedure Update



Valued Quality. Delivered.

Have received a draft back from facilitator

- Need precision data
- Need to update figures A5.2 and A5.14
- Need to review with committee (target completion date Feb LRI)

New/Open Issues



Valued Quality. Delivered.

Anything new business?

Intertek

Thank You!

Pilot Batch Test Results



Valued Quality. Delivered.

TMC Oil Code	Rating Location										Final Rust	
	1	2	3	4	5	6	7	8	9	10		
155-1	10	10	9	10	10	9	10	10	10	10	10	9.8
155-1	10	8	8	10	10	10	10	10	10	10	10	9.4
155-1	10	10	8	10	10	10	10	10	10	10	10	9.8
123-2	8	8	8	8	8	8	9	10	8	8	8	8.2
123-2	10	8	8	8	8	8	8	8	8	8	8	8.2
123-2	8	8	8	8	8	8	9	9	8	8	8	8.3

Current v01.1 Targets

155-1 Mean: 9.580 Std. Dev.: 0.250

123-2 Mean: 8.740 Std. Dev.: 0.260

ASTM D 7038 L-33-1 SURVEILLANCE PANEL PARTICIPANTS LIST
 August 14, 2014 **Nov 2015**

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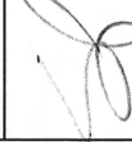
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