

Attendees:

Cory Koglin
Jerry Gropp
Don Bartlett
Rick Graziano
Kenny Miller
Brian Koehler
Don Lind
Dale Smith
Galen Greene (joined 9:12)

Location & Time:

April 1, 2009
Teleconference-9:00am

L42 Matrix Review

Discussion over spreadsheet on discriminating oils and TMC 152. These oils seem to be performing lower than previous batches and TMC 113 much lower score than previous batches

Brian's comments were he can make the stand work, the other labs got it to reference, so SWRI should be OK

Question regarding how TMC would calculate statistics: TMC would use a pooled std. deviation since we have less than 15 test results. 2006 gear batch has a std. deviation of 5.49 and 2009 gear batch would have a standard deviation of 6.6 lab pooled std. deviation.

Jerry asks the question if we should use the data on lab A since the reference oil sequence would not be acceptable to TMC. If SWRI was to re-reference than we would get 3 more 116 oils and 1 more 113 run.

TMC152 oil avg score for labs gear

- Batch 806=7.75
- batch 604 6.25
- batch 119=2.5

TMC does not believe we have data on TMC 153 or 155.

What options do we have for a batch that looks directionally mild? Running TMC 153/155 on previous batches? Intertek can't afford to take on any of the 2009 hardware. Previous batches appear non-existent.

Brian: The range of 116 score levels is really an acceptable level of score that the SP deems acceptable. Brian suggesting using the previous std. Deviation from the 2006 batch (5.49) instead of the other proposal of 6.6 pooled std. deviation.

Jerry has a concern over do we have the correct midpoint since lab A's run are not acceptable to calibrate the stand (because of their 113 runs). The midpoint is 23.0 for the 10 acceptable TMC 116 runs. Subtracting the 3 runs from lab A, the midpoint would be 22.6.

Galen doesn't feel the data shows the batch is mild. Looking at previous batches Galen can cherry pick data points in the TMC database with low score levels on TMC113.

Jerry: Consider running a TMC155/152 instead of the 113 discrimination oil.

SWRI (Brian) Motion: Accept P8L119 gear batch. Galen 2nd.

Discussion: TMC feels that the 113 oils are still mild. Galen-suggestion to have labs run 113 oil on next calibration sequence. Jerry would like to throw in a 155/152 type oil instead of the 113 oil. TMC feels we do not have enough oil results to feel comfortable approving the batch. TMC would like to see what/how Lab A performs prior to accepting gear batch.

Don B. past history shows we've approved batches on 3 labs data, not 4.

Vote:

SWRI-yes

LZ-Yes

Parc-abstain

TMC-No

Dana-abstain

Afton-Yes

3 yes, 1 no, 2 abstain-motion passes

15-20 tests TMC would re adjust mean/targets

Actual window: 13.18-31.88, using 23 mean (5.49 std. deviation)

Motion: SWRI Brian Using 23 mean of the current 10 tests, using std. Deviation of 2006 gear batch (5.49)-range would 14-32%. Effective date will be determined by TMC. 2nd: Galen

Discussion: none

Vote:

SWRI-yes

LZ-Yes

Parc-yes

TMC-abstain

Dana-abstain

Afton-Yes

4yes, 2 abstain

SWRI will adjust stand with slave axle, then will run 113 to reference stand followed by the 3 116 runs.

Referencing/Matrix discussion: Need to have this discussion prior to next L42 matrix. TMC doesn't want a precedence set for the next matrix discussion.

TMC feels the intent of the matrix was to run all of the 116 runs in a row. He feels the panel made the decision to run them all in a row. Labs seem to have made the decision that the first TMC 116 run counts as part of the reference sequence with 113/152 oils run in-between the last 2 116 runs.

The labs believe a new axle matrix should allow their test stand to be referenced.

Brian would like the next L42 matrix discussion to include how we run the 116, if we have to run them all in a row vs. 1 at the beginning and 2 at the end, etc.

Jerry agrees with both arguments, but feels that these decisions need to be made at a SP level.

Updated Confirmation reports: TMC to send corrected sheets to proceed with qualified testing

Motion: Grop-Labs A, B, D to run 1 run each on TMC 155 std test conditions, under this reference umbrella on P8L119 batch. It will count as 1 of the reference oil runs for the 15 test sequence.

Discussion: Brian asked what the expected results this oil should produce. 11, 14, 12 (P8L604-old test stand) Jerry, not sure based on the limited results.

Somewhere back in history, the pass/fail limit was based the 3 test average on one oil for all previous batches.

2nd: Galen

Vote

SWRI-abstain

Lz-yes

Parc-abstain

TMC-abstain

Dana-abstain

Afton-Yes

2 yes's, 4 abstains.

TMC to send Lz's and Afton's TMC 115 assignment.