

MACK-Volvo Surveillance Panel Meeting Notes

09/08/2023 @ 10:30 A.M. EST

Attendees

SwRI: Robert Warden, Travis Kostan
Oronite: Josephine Martinez, David Lee
Afton: Joseph Hoehn, Bob Campbell
Infineum: David Brass (Chairman), Elisa Santos, Jacob Goodale
Intertek: Garrett White (Secretary), Khaled Elnagi
Lubrizol: Austin Brininger
CP Chem:
Haltermann:
Exxon Mobil: Paul Rubas
TMC: Sean Moyer
TEI: Derek Grosch
Ford:

Agenda

1. Mack T-12 Coordinated Reference Testing Analysis
2. All Other Business

Action Items and Key Points

- **Motion carried** to maintain the current T-12 industry correction factors for the following new hardware combination: Liner=W, Top Ring=Y Connecting Rod Bearing=Z Main Bearing=Q Piston Crown=F from randomized subgroup excluding subgroup A, with an effective date of today (9/8/2023).

Summary of Discussion

MACK T-12 Coordinated Reference Testing Analysis

- Elisa presented the statisticians review of the T-12 coordinated reference results on new hardware combination WYZQFYB.
- 4 options (recommendations) provided on how to move forward; however, the stats group's top recommendation is to maintain the current industry correction factors (ICFs).
- Other options included changing ICF's for liner wear or oil consumption individually, or a combination of both.
- Garrett W – Was anything found operationally that could have caused the low oil consumption in stage 2 for lab D?

- Joseph H – Nothing glaring was found to have driven the oil consumption that low.
- Bob Campbell – There is something in this combination of hardware that we don't fully understand. It is showing up in lead as well.
- David B – The lead is being corrected based on the oil consumption. The lower the oil consumption is the less the lead is corrected.
- Garrett W – The oil consumption may just be something we need to monitor closely as more reference data becomes available from other labs.

Robert Warden motions to maintain the current T-12 industry correction factors for the following new hardware combination: Liner=W, Top Ring=Y, Connecting Rod Bearing=Z, Main Bearing=Q, Piston Crown=F from randomized subgroup excluding subgroup A, with an effective date of today (9/8/2023).

Garrett White - Seconded motion

TMC - Yes

TEI - Yes

Lubrizol - Yes

Oronite - Yes

Infineum - Yes

Afton - Yes

Exxon Mobil - Yes

Intertek - Yes

SwRI - Yes

CP Chem - No answer

Haltermann - No answer

Ford - No answer

Volvo - No answer

Vote count: Yes (9), No (0), No Answer (4)

Motion carried

AOB

None

Next Meeting Date/Time

Next meeting date/time to be determined.

Meeting adjourned on 9/8/2023 @ 10:53 AM EST