

## Jeff Clark

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**From:** Bradley Carter Intertek [bradley.carter@intertek.com]

**Sent:** Tuesday, April 05, 2011 3:16 PM

**To:** Cooper, Mark (MAWC); Abi-Akar, Hind; Alessi, Michael; Bishop, Zack; Doyle.Boese@Infineum.com; ronald.brock@us.mahle.com; Buck, Ron; Budd, Armel; Buscher, Bill; Campbell, Bob; Carabell, Kevin (kedc) (KCarabell); Carter, James; Castanien, Chris; Conti, Riccardo; Devlin, Cathy; Fetterman, Pat; Joe Franklin Intertek; Garzelloni, Eric; Goshorn, Ken; Rich Grundza; Gutzwiller, Jim; Hamilton, Jesse; Johnson, Ryan; Jones, Ron; Kennedy, Steve; Kersey, Victor; Larch, Bill; Lu, WenTong; Matasic, Jim; McGeehan, James; Menasco, Michael (ENAS); Miiller, Greg; Minotti, Michael; Jim Moritz Intertek; Nann, Norbert; Parsons, Gary; Passut, Charlie; Patrick, Dick; Polley, Kris; Pridemore, Dan; Rajakumar, Allison; Richards, Scott M. (srichards) (SwRI); Ritchie, Andrew; Rutherford, Jim (JARU); Rele, ter, Ruud (RUUD); Selby, Keith; Shank, Greg; Sztenderowicz, Mark; Urbanak, Matt; Van Dam, Wim (WVDA); Weber, Ben; Wingfield, Tom M; Xie, JingChun; Jeff Clark

**Subject:** Mack SP Teleconference Minutes - April 5, 2011

**Attendance:** Greg Shank, Mark Cooper, Jim Rutherford, Bob Campbell, Jim Matasic, Jim Gutzwiller, Doyle Boese, Mike Alessi, Scott Richards, Jim Moritz, Brad Carter, Tom Wingfield, Jeff Clark, Zack Bishop

**Agenda:** Evaluate and determine appropriate correction factors on the following parameters in the Mack T-12 using 'STWN' hardware: CLW, TRWL, Pb, Pb2, and OC.

### Correction Factors:

The panel discussed the pros/cons of using either the original targets or the current targets to establish correction factors. Greg Shank moved to use the original targets (Mike Alessi second). The original targets were generated with 6 tests during category development. The current targets were updated in 2008 using 25 tests on reference oil 821. After much discussion, Greg withdrew his motion and moved to use the current targets to generate the correction factors (Bob Campbell second). The motion carried with 6 in favor, no negatives, and 5 abstaining.

The panel then voted on specific correction factors by parameter for the 'STWN' hardware set (S-liners, T-rings, W-rod bearings, N-main bearings). Results as follows:

Outlier Screened Cylinder Liner Wear: Greg Shank / Mike Alessi (move/second) to use a **0.86** multiplier correction factor. The motion carried with 8 in favor, no negatives, and 3 abstaining.

Transformed Lead (0-300 Hours): Greg Shank / Mike Alessi (move/second) to use a **0.95** multiplier correction factor. The motion carried with 8 in favor, no negatives, and 3 abstaining.

Transformed Lead (250-300 Hours): Bob Campbell / Greg Shank (move/second) to use a **1.03** multiplier correction factor. The motion carried with 8 in favor, no negatives, and 3 abstaining.

Top Ring Weight Loss: Greg Shank / Mike Alessi (move/second) to use a **0.95** multiplier correction factor. The motion carried with 8 in favor, no negatives, and 3 abstaining.

Transformed Oil Consumption: Bob Campbell / Jim Matasic (move/second) to use a **0.96** multiplier correction factor. The motion carried with 8 in favor, no negatives, and 3 abstaining.

### Disposition of Old Hardware:

Greg Shank moved to use only the new hardware designated 'STWN' going forward (Scott Richards second). The motion carried with 8 in favor, no negatives, and 3 abstaining.

### Calibration Extensions / Adjustments:

Scott Richards moved that adjustment to the next calibration interval by the TMC would not be reduced by

more than half the standard interval provided the laboratory in question commits to conducting a reference by the agreed date (Bob Campbell second). The motion carried with 8 in favor, no negatives, and 2 abstaining.

Jeff Clark commented that laboratories can begin candidate testing pending resubmission of the latest reference with the new correction factors.

Regards,

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