

Jeff Clark

From: Fetterman, Pat [Glen.Fetterman@Infineum.com]
Sent: Monday, July 22, 2013 3:18 PM
To: Cooper, Mark (MAWC); Abi-Akar, Hind; Ahlborn, Jonathan [Jonathan.Ahlborn@Lubrizol.com]; Alessi, Michael (michael.l.alessi@exxonmobil.com); Athey, Allison; Bea, Douglas (DOBE); Berman, David (bermadl@cpchem.com); Bishop, Zack; Boese, Doyle; Bond, Stacy; Booth, James E.; Buck, Ron; Budd, Armel; Buscher, Bill; Campbell, Bob; Carabell, Kevin (kedc) (KCarabell); Carter, Brad (bradley.carter@intertek.com); Carter, James; Castanien, Chris; Cauley, Chris; Jeff Clark; Conti, Riccardo; Devlin, Cathy; Franklin, Joe (Intertek); Rich Grundza; Gutzwiller, James; Haeglin, John (Intertek); Johnson, Kurt D. [kurt.johnson@swri.org]; Jones, Ron; Kennedy, Steve; Kersey, Victor; Kleijwegt, Peter (pekI); Larch, Bill; Lu, WenTong; Matasic, Jim; McGeehan, James; Menasco, Michael (ENAS); Miiller, Greg; Minotti, Michael; Moritz, Jim (Intertek); Sean A. Moyer; Nann, Norbert; Parsons, Gary; Passut, Charlie; Polley, Kris; Pridemore, Dan; Rajakumar, Allison; Rele, ter, Ruud (RUUD); Richards, Scott M. (srichards) (SwRI); Ritchie, Andrew; Rutherford, Jim (JARU); Salgueiro, Bob; Santos, Elisa; Schweitzer, Addison; Secue, Nick (Nicholas.Secue@Lubrizol.com); Selby, Keith; Shank, Greg; Sutherland, Mark [msutherland@tei-net.com]; Sztenderowicz, Mark; Urbanak, Matt; Van Dam, Wim (WVDA); VanScoyoc, Jonathan (vanscj@cpchem.com); Warden, Robert W. (robert.warden@swri.org); Weber, Ben; Wong, Andrew P
Subject: Mack Surveillance Panel Teleconference - Monday, July 22, 2013, 11 AM - Noon Eastern - Unconfirmed Minutes

Participants –

John Alborn; Allison Athey; Zack Bishop; Bob Campbell; Chris Castanien; Jeff Clark; Mark Cooper; Michael Conrad; Pat Fetterman; Jim Gutzwiller; Kurt Johnson; Rick Klein; Jim Matasic; Sean Moyer; Elisa Santos; Nick Secue; Greg Shank; Mark Sutherland Bob Warden.

Minutes –

The meeting was called to order by the Chairman, Mark Cooper, shortly after 11:00 am EDT.

Mark noted that the motion to allow labs to “pay back” T-12 calibration extensions over a maximum of two periods with a guarantee that all tests would be paid back received no negative along with several affirmative votes and a few waives – the motion carries. (Actual count – (7) affirmative; (0) negative; (3) waive)

Mark turned the floor over to Sean Moyer to discuss the T-12 reference oil, TMC-821. TMC-821-3 batch is being used up at a higher than expected rate, and there is only an 8 month to 1 year supply left. The supplier can re-blend, but they would like guidance regarding blend size. In addition, there is about a three run supply of TMC-821-2 left which could be used.

Following a brief discussion, the Panel reached consensus that all of the remaining batch of TMC-821-2 should be used for referencing/calibration going forward.

The subsequent discussion regarding blend batch size for the next batch of TMC-821 resulted in Jeff Clark offering to work off-line with Sean Moyer to assess use rate and a recommendation for a blend size. However, before a blend size is finalized, the Panel must consider the use of a new reference oil with reduced HTHS viscosity for PC-11 onward.

Mark asked for an update on the next batch of TMC-822, and Jeff reported that a large batch has just arrived at the TMC loading dock this morning.

Mark next noted that we have ordered new piston crown forgings, and at some point we need to decide on the details of their machining. This led to a discussion regarding how the rings and piston crowns should be optimized for better oil consumption control. Greg asked Chris Cauly to send out the proposed modifications to the piston crown (done), and noted that we possibly need a face to face meeting involving both the ring and piston crown suppliers, but first it may be good to have a call involving just the ring supplier. There was a discussion regarding the change to the “S” batch rings, and Zack Bishop noted that they had been produced with a more dense (less porous) plasma coating. However, these rings were only used in the T-11m not the T-12, so no specific data is available.

Jim Rutherford noted that his last analysis (V.5) showed that the change in ring gap between the top and second rings may impact oil consumption.

Greg Shank suggested that we set up our next conference call for Tuesday, August 6th at 2:30 pm EDT, and he will invite the ring supplier to participate.

Target for a face to face Surveillance Panel meeting in San Antonio along with the Mack T-13 and DD13 Task Forces is targeted for August 27, 28 and 29, 2013. SwRI and Intertek will work together to sort out hosting of the meetings, and Mike Alessi, Jim Matasic and Mark Cooper will work together to develop agendas.

Finally, following the recent good T-11 result at SwRI, the hardware is approved for continuing use.

The meeting was adjourned at 12 noon, EDT.

Respectfully Submitted,

Pat – Secretary pro-temp.

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