

Mack Surveillance Panel Teleconference Meeting Minutes June 11, 2013

Attendance

Allison Athey, Zack Bishop, Bob Campbell, Chris Cauley, Mark Cooper, Jim Gutzwiller, Kurt Johnson, Jim Matasic, Jim McCord, Jim Moritz, Sean Moyer, Jim Rutherford, Elisa Santos, Greg Shank, Mark Sutherland, Robert Warden

Agenda

Discussion of results on T-12 reference tests using UUXO hardware
Next steps forward with T-12 and T-11

T-11/T-12 Status and Way Forward

Last data point to be added to TMC database. Once the data is in the dataset Jim Rutherford to add data to his analysis.

Oil buckets emptied at ~200,225, 296 and 243 hrs.

Jim Moritz mentioned that after lining up pistons from different tests there are visible differences between some pistons. Some pistons have casting numbers while others do not. Some have a different chamfer between on the valve cutout. Asked for the piston prints from Volvo.

Can TEI measure pistons on CMM? Yes TEI has access to a CMM.

Can Volvo contact the piston supplier. Chris Cauley to get in touch with them. Also need to re-engage the ring manufacturer.

Action item to form a group to speak to the ring supplier.

Need to have a face to face meeting to discuss T-12, T-11 and T-13 development. There is value in having meeting in San Antonio and doing lab visits to go over T-13 stand installation commonization. Tentative dates of July 9-10 at SwRI.

Discuss T-11 soot window adjustment to avoid big swings in timing.

Discussion about the possibility that T-11 HW differences/reman issues are causing variability between tests/labs. Are what is being billed as low swirl heads really low swirl heads. Have all the potential injector number differences resolved? Nozzle numbers the same, body numbers different.

What is the status of round robin data? Waiting on data to be submitted from two labs.

NEXT MEETING SCHEDULED FOR THURSDAY JUNE 20TH @ 10AM EDT