

CAT Aeration Test Task Force meeting Oct 24, 2014

Matrix Plan

Attendees: Names Highlighted in **Yellow** attended the meeting

Participant	Name	Email	
1	Caroline Laufer Elisa Santos Pat Fetterman James Gutzwiller Bob Salgueiro	caroline.laufer@infineum.com elisa.santos@infineum.com pat.fetterman@infineum.com james.gutzwiller@infineum.com bob.salgueiro@infineum.com	Infineum
5	Jeff Clark Sean Moyer	jac@astmtmc.cmu.edu sam@astmtmc.cmu.edu	TMC
6	Zack Bishop Dan Lancott	zbishop@tei-net.com dlancott@tei-net.com	TEI
7	Jason Bowden Matt Bowden	jhbowden@ohtech.com	OHT
8 Yes	Mark Jarrett Hind Abi-Akar Hatuey Campbell	jarrett_mark_w@cat.com abi-akar_hind@cat.com	Caterpillar
10	Greg Miranda, Kevin O'Mally Chris Mileti Michael Conrad Ravi Tallamraju	greg.miranda@lubrizol.com Kevin.OMalley@lubrizol.com Christopher.Mileti@Lubrizol.com	Lubrizol
11	Bob Campbell Christian Porter	bob.campbell@aftonchemical.com	Afton
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18	Mike Alessi Ricardo Conti	michael.l.alessi@exxonmobil.com	ExxonMobil
19	Barb Goodrich	GoodrichBarbaraE@JohnDeere.com	John Deere
20	Greg Shank	greg.shank@volvo.com	Volvo
21	Dan Arcy	Dan.arcy@shell.com	Shell

Enclosure Readiness: the labs presented their validation data. All three labs showed that the Delta T for the MM in/out oil as less than +/- 1°C and was steady; the enclosure temperature is well controlled and was 50 +/- 3°C and the labs showed this data over a 5 hour engine run. Updated documents will be attached.

Matrix readiness motion:

Motion by Hind: the Cat C13 Oil Aeration test is ready for the start of Matrix testing in the week of Oct 27.

Martin seconded

Waives: TEI, TMC, and OHT.

Objections: None

Motion passes.

Comment from Infineum: information on ICP Round Robin needs to be shared with the TF.

Action: Hind will send the RR information. Priority: ICP; but discussion of D4052 RR needs to be run at some time.

Discussions:

- 1- Calibration of MM and comparison to D4052 is not necessary for Matrix testing, but preferably conducted on some of the tests to ensure that the test did not deviate.
- 2- Discussion of the parameters that need to be included in the Data Dictionary. The group discussed the data dictionary and the included reportable data. Some of the data will not be finalized until the end of the Matrix, but the labs need to know what information to include in their reports. Labs will still include their raw data in the spread sheets sent to TMC.
- 3- Follow up to finalize the procedure will be conducted at a later time.

Action: Send comments and additions to the procedure to Sean.

Timeline: by Oct 31st.