

Sequence VIE FEI 2 Response Task Force

November 06, 2017 @ 9:00-9:30 CST

Toll-free dial-in number (U.S. and Canada):
(866) 588-1857

Conference code:
1908975

1. Roll Call (start 9:00 CST)

1.1. Membership

1.1.1 Adrian (present), Amol (present), Bill, Charlie, Cliff (present), Dan (present), Greg (present), Jerry, Katerina (present), Rich (present), Todd (present),

2. New Business

SCOPE: The Task Force will review data, chemical analysis for the 109 hour aging, and other factors for the VIE test looking for a root cause for a response shift affecting FEI 2.

2.1. VIE/F FEI 2 Severity

2.1.1. Chemical Analysis of industry Reference Oils. This will compare to the oxidation values from Consortium work.

Oil analysis of the available data set did not provide significant changes in oil aging changes.

2.1.2. Engine Tear Down Comparison

ACTION: Labs will disassemble two engines, one that successfully calibrated and one that did not and visually inspect for differences. Things to look at are cylinder walls, piston rings, carbon deposits, etc.

Engines dissembled at IAR, SwRI, Valvoline, Afton and Lubrizol do not exhibit anomalies. Amol indicated that during a high oil consumption engine the rings surfaces appeared to have micro-pitting. The valves also appeared cleaner than usual. The surface of the cylinder walls was measured and the results will be shared with this TF.

3. Next Meeting

3.1. TBD

4. Meeting Adjourned