

Notes from 12/6/2010 Sequence VG Surveillance Panel Call

Attendees:

Andrew Ritchie, Gordon Farnsworth, Mike McMillan, Doyle Boese – Infineum

Mark Sutherland – Chevron

Ron Romano – Ford

Raham Kirkwood – SwRI

Al Lopez – Intertek

Dave Glaenzer, Ed Altman – Afton

Rich Grundza – TMC

Jerry Brys, Alison Rajakumar, George Szappanos, Chris Castinean – Lubrizol

Mark Overaker, Jim Carter – Halterman

Bruce Matthews – GM

Timothy Caudill – Ashland

Jason Bowden – OHT

Zack Bishop - TEI

- 1) Rich Grundza went through his summary of data to date on the first row of tests in the new VG fuel approval matrix. It appears that discrimination between the good and bad reference oils still exists; i.e., Reference Oil 925 still fails, while the other two reference oils (1006 and 1009) still pass. However, sludge is about 1 merit mild for all three oils. Doyle Boese commented that all 3 tests show all parameters to be about 1 SD mild. The

question is whether the VG Panel can live with the VG test being about 1 merit mild on sludge for all oils with the new fuel batch? It appears from the data obtained so far that there might not be discrimination between Oils 1006 and 1009, which is the region in which we would most like to be able to discriminate. It was suggested that we probably need to run at least the next row of data to get 2 data points on each oil to determine if this is the case.

- 2) After much discussion, the Panel agreed that all labs should run the second row of tests. Labs A and D can start sooner than Labs B and G, but all second row testing should be able to be completed by the end of next week.
- 3) Mark Overaker from Halterman was asked to determine what changes could be made in the fuel batch to increase severity, and for Halterman to be prepared to offer a plan at the next conference call for such changes, if the results from the second row of testing also come back mild.
- 4) Chairman Ritchie proposed that the next VG call be held on Monday, December 20 at 2 pm EST. All Panel members present agreed.
- 5) Action items:
 - i) All four labs to start and complete second row of testing by end of next week (Dec 17).
 - ii) Halterman to determine what changes can be made in the fuel batch, if necessary, to increase its severity.