

**Shear Stability Task Group**  
**August 23, 2012 Teleconference**  
**Meeting Minutes**

Attendees:

Bob Duggal X

Andrew Long (Chevron) X

Doyle Boese X

Mike Covitch X

Bob Salgueiro X

Heather DeBaun X

Sean Moyer X

John Loop X

Mike Birke X

Carrie Sims X

Chris Castanian X

Mesfin Belay X

Jim Linden X

Pat Fetterman X

Allison Atthey X

Jerry Wang X

The group was given an update on oils submitted to TMC for testing. 5 oils have been submitted. The 5<sup>th</sup> oil will be shipped to the testing labs during the week of 8/27. Results are almost complete for the first four samples. Results from 1 lab on the last two oils is the remaining data needed. Of the 5 oils submitted, 3 of the oils showed shearing out of grade in field application and 2 of the oils did not show shearing out of grade.

The group discussed the HTHS range for the fuel economy oils being 2.9 - ? Note that the KRL test does not produce enough oil to run an HTHS. Two KRLs would be required if the desire is to test the oil for HTHS after the shear test. API is looking at the manufacturing tolerances for HTHS range. Does shear

stability interact with this? **Mike Covitch will put together information on HTHS after shear for the next meeting.**

Lab testing data should be available for the next meeting. **Carrie Sims will review the data and present the results to the group.**

Bob Salguiero presented information on shear stability to the group. The group recommended that it also be presented at the next NCDT meeting. Comments on the presentation: Fuel dilution may be playing a role in low viscosities found in field samples. The author commented that KRL is not relevant, precise or show discrimination. However, the KO 90 cycle test is relevant, precise and does show discrimination.

Next meeting: 10/10/12 at 1:00pm CST (teleconference)