

**Shear Stability Task Group**  
**June 21, 2012 Teleconference**  
**Meeting Minutes**

Attendees:

Bob Duggal X

Joe Franklin X

Roger Gault X

Doyle Boese X

Mike Covitch X

Bob Salgueiro X

Heather DeBaun X

Sean Moyer X

Jeff Clark X

Jason Anderson X

Andrew Long X

John Loop X

Mike Birke X

Mike Alessi X

Carrie Sims X

Two barrels of oil just received at TMC and not sure where they are from. Sean Moyer requested that the submitter contact Sean.

Roger will follow up with folks that are expected to send oils.

Expectations of oils that are submitted:

- Are they commercially available? Yes
- We would like to know if it shears out of grade or not (mark when submitted).

- Ideally, Bob Salguierro would recommend a fleet that is using a CJ-4 oil that is shearing out of grade. If the fleet is still in service, then we can have them replace the oil with one expected to not shear out of grade.
- The intent is to go to the source of supply (distributor, oil supplier, etc) to source the supply of oil for testing.
- We are not interested in obtaining used oil from field samples that have shown wear but start with fresh oil.
- Should we correlate the used oil field results with the bench testing? Yes, the intent is to do this.
- The group finds it critical that we find a fleet that is currently experiencing this problem.
- Reiterate with the group of folks submitting oils that the used oil should be checked for fuel dilution.

How frequent is this occurring? Do we know the % of customers seeing shearing? We do not have values of this as it is intermittent. One of the contributing factors is engine design changes and we have not seen clear demarcation that when X design change was made, shearing was found. The fact that soot content has decreased in many cases, shearing has been seen more frequently.

Lubrizol is close to completing the results for the two submitted oils

Afton has submitted data

SWRI is working on it.

Infineum is close to completing the results.

Next meeting: August 23<sup>rd</sup> 1:00pm CST