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COMMITTEE D02 on PETROLEUM PRODUCTS, LIQUID FUELS, AND LUBRICANTS

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Unapproved Meeting Minutes of the Technical Guidance Committee Virtual Meeting

June 21, 2021

1:00 – 2:00 PM Eastern Time

Reply to: Patrick Lang

Southwest Research Institute, 6220 Culebra Road San Antonio, TX 78228

Phone: 210-522-2820, patrick.lang@swri.org

The virtual meeting was called to order at 1:00 PM Eastern Time.

Agenda:

The meeting agenda can be found as attachment #1.

Membership Review:

The attendance list was determined via the names displayed on the virtual meeting dashboard. The list can be found as attachment #2.

Review and Acceptance of Minutes:

Pat Lang requested approval of the December 16, 2020 virtual meeting minutes. Receiving no comments or changes the chairman moved for approval and a second was received by Bob Campbell. The minutes were approved with no objections.

Action Item List:

The action item list was reviewed and can be found as attachment 3. The status of each action item is listed.

Fuels Task Force Update:

Mike Lochte presented the Fuels Task Force report. The report can be found as attachment #4. A summary is as follows:

- Mike provided a table summarizing the status of all of the fuel specification reviews that have been performed. At this point all of the gasoline and diesel specification sheets have been reviewed and approved by the appropriate surveillance panel.
- The task force is caught up and currently does not have any action items.

Hind from Caterpillar asked if any changes were noticed to test results after the specification was updated for the PC-10 fuel. Mike advised that there were no changes to the specifications, just some harmonizing of different specifications that were in the various diesel procedures for the same fuel type.

Rating Task Force:

Rating task force report was given by Bob Campbell (see attachment #5). The following is a summary of his report:

- 1) Updated Manual 20 expected to available soon.
- 2) Three consecutive workshops cancelled, 2 Light Duty and 1 Heavy Duty; rater qualification was extended to cover this interim period.
- 3) A gear face-to-face meeting is planned for July 2021.
- 4) Next workshop planned for October 2021.
- 5) Round-robin data for the GMOD pistons is currently being reviewed.
- 6) TMC is working on a web-based data entry system for the workshops.

Old Business:

Summary of Viscosity grades lower than 0W-16 in GF-6 tests:

Pat Lang provided a table that summarizes the labs' experiences with running viscosity grades lower than 0W-16 in the GF-6 engine platforms (see attachment #6).

Comments:

Currently the test procedures do not caution about running these low viscosity oils.

Andy Ritchie commented that labs need to be cautious running these low viscosity grades especially in the Sequence IX tests for safety reasons. Companies scheduling tests need to consider this concern.

Mike Deegan commented that in the future we may need a special category to handle these low viscosity oils. Mike requested a copy of the summary to share with the ILSAC group. Chairman to send a copy to Mike.

New Business:

DACA II Review Task Force:

Pat Lang advised that a task force to review the DACA II document has been formed and held two virtual meetings in this reporting period. A summary of the activities can be found as attachment # 7.

Interruptions in Fuel Supply:

During this reporting period there were some fuel supply issues that impacted more than one laboratory. Bob reported that he was unable to conduct testing in one test type due to Haltermann not having sufficient fuel supply on hand.

Prasad stated that the shortage was the direct result of the supply situation that we are currently dealing with in this country.

Bob Campbell stated that delays in fuel supply will impact the labs' ability to conduct their business. The fuel supplier needs to commit to having enough fuel on hand despite the current challenges in the country or world. Bob requested that suppliers provide a monthly update on their current inventory levels so that labs/surveillance panels know if they are at risk and can plan accordingly.

Prasad from Haltermann stated that he would be glad to provide a monthly update.

Action Item:

Haltermann will provide a monthly update on the current inventory of all their fuels to the respective surveillance panel membership. Updates should include any pertinent information on the potential of a batch change and any delay in supply.

The group further discussed the fact that 2020 was tough on making usage rate predictions for fuel as a result of the COVID slow down. Prasad mentioned that there was no usage for several months and then changed quickly.

Bob Campbell suggested a spreadsheet tracking usage rates at each lab to help predict overall demand more accurately. Frank stated that we could make this a live document on the TMC website in coded format. Nothing was formally decided on this topic during the meeting.

TMC Voting Guidelines for Surveillance Panel Chair:

Frank Farber commented that we need to provide some grass roots guidance to surveillance panels for the process on handling controversial issues. There are rules that currently exist but we may need to simplify them for the surveillance panels. Things such as allowing ample time for the affected panel to take any proposals/motions back to their organizations and review prior to any voting.

Frank stated that Jeff Clark from the TMC will take the lead on this request.

YongLi McFarland request that the bench test group be included with the distribution of these voting guidelines once they are completed.

Laura Birnbaumer requested that these guidelines include the definition of a quorum.

Next Meeting:

The next meeting is planned to be held during December ASTM week in Anaheim, CA if COVID-19 restrictions don't force the meeting to virtual.

The meeting adjourned at 2:04 PM Eastern time.

Attachment #1

Agenda

June 21, 2021

Attachment #2

Attendance List

June 21, 2021

Attachment #3

Action Items List

June 21, 2021

Attachment #4
Fuels Task Force Update
June 21, 2021

Attachment # 5
Rater Task Force Update to TGC
June 21, 2021

Attachment #6

Low Viscosity Oils Run in GF-6 Engine Platforms

June 21, 2021

Attachment #7
DACA II Review Task Force Report
June 21, 2021