

***ASTM***

**TECHNICAL GUIDANCE COMMITTEE**

**Semi-Annual Report**

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# TGC Semi-Annual Report

- No face-to-face TGC meetings were conducted in the past 6 months.
- TGC task forces have met or conducted conference calls in the past 6 months.
- Assignments:
  - Develop “best practices in lubricant test development” document.
    - Activity and progress has occurred in the past 6 months.
    - Task force conference calls held on 5/19/11 and 6/7/11.
    - Jim Moritz to provide today’s task force update.

# TGC Semi-Annual Report

## ■ Assignments Cont'd:

- Create a test fuel task force to include TMC, fuel suppliers, and SP chairmen.
  - Activity and progress has occurred in the past 6 months.
  - Task force met on 1/20/11.
  - Scope and Objectives were updated (see slide 5).
  - Work on best practices document was started (see slides 6 and 7).
  - Action Items:
    - Task Force chairman to send a letter to all Surveillance Panel chairmen requesting their panels develop guidelines for a uniform system of entering batch codes on test reports.

# TGC Semi-Annual Report

## ■ Assignments Cont'd:

- Action Items Cont'd:

- Task Force chairman to update membership list to include current names and contacts for all TGC members.
- Task Force chairman to create a summary report of work being done in the TGC Test Fuel Task Force to be presented at the next ILSAC meeting.

# **Test Fuel Task Force**

## **Scope and Objectives**

### **Scope**

The scope of this task force is to create a document including best practices for test fuel monitoring, test fuel handling and storage and emergency plans for test fuel supply.

### **Objectives**

1. Create a data depository for all test fuel data, located in the TMC website.
2. Develop test fuel monitoring plans, including what to analyze and how to determine what properties of the test fuel affect the parameters the lubricant test is evaluating.
3. Establish best practices for test fuel transporting and for test fuel handling and storage at the suppliers and at the test laboratories.
4. Develop emergency plans for test fuel supply, during special circumstances, such as natural disasters, raw material shortages, etc.
5. Include test fuel as a critical parameter and test fuel supplier as a partner in the test development plan.
6. TMC to become depository for test fuel formulation details, in similar fashion to reference oil formulation details, and create a procedure for indicating when significant changes occur in test fuel formulations.
7. Minimize the number of test fuels for both gasoline and diesel lubricant tests.

# Test Fuel Task Force

## Best Practices Document

- Minimize the number of test fuels for both gasoline and diesel lubricant tests.
  - Goal for one common test fuel for all test types in a lubricants specification, when possible.
- Create a public data depository for all test fuel data, located in the TMC website.
  - Generate .csv files in similar format to the ltms.csv files.
    - Develop data dictionaries and .csv files for each fuel type.
  - Include fuel batch information, CofA data, monitoring analysis data, special circumstance data.
  - Develop and use a common fuel batch identification protocol.
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  - Generate control charts for test fuel critical parameters, on request.
- TMC to become depository for test fuel formulation details, in similar fashion to reference oil formulation details, and create a procedure for indicating when significant changes occur in test fuel formulations.
  - Requirement for supplier to conduct periodic review on changes, current and future, to test fuel constituents.
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- Develop test fuel monitoring plans, including what to analyze and how to determine what properties of the test fuel affect the parameters the lubricant test is evaluating.
  - Evaluate what are the best methods for fuel analysis.



# TGC Semi-Annual Report

- LTMS 2 Update:
  - As per TMB request, TGC continues to monitor LTMS 2 progress.
  - LTMS 2 open forum was conducted on 5/11/10.
  - LTMS 2 statisticians group continues to meet.
  - Weekly HD LTMS 2 conference calls occurred for 16+ calls.
    - Interest in adopting LTMS 2 in some HD tests still exists.
  - Seq. VI Surveillance Panel met on 1/18/11 to discuss an LTMS 2 recommendation.
  - Seq. III Surveillance Panel met on 1/19/11 to discuss an LTMS 2 recommendation.

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- LTMS 2 Update Cont'd :
  - Seq. VI Surveillance Panel voted on a motion to accept the original VID LTMS 2 task force proposal for adoption of LTMS 2 into the VID test, with a modification to the industry Zi limits.
    - The motion passed, but had 4 negatives.
    - At a follow up conference call on 2/10/11, the negative votes were determined persuasive and the motion died.
  - Seq. III Surveillance Panel voted on a motion to accept the original IIIG LTMS 2 task force proposal for adoption of LTMS 2 into the IIIG test, with several revisions.

# TGC Semi-Annual Report

## ■ LTMS 2 Update Cont'd :

- The motion passed, but had 5 negatives.
  - At a follow up conference call on 2/10/11, the negative votes were determined persuasive and the motion died.
- LTMS 2 task forces for Seq. IVA, VG and VIII do not plan to convene since LTMS 2 failed for IIIG and VID and due to lack of surveillance panel interest to pursue.
- Seq. IVA Surveillance Panel discussed on 6/1/11 and could not generate enough interest/support to pursue.