



ASTM INTERNATIONAL  
Helping our world work better

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**COMMITTEE D02 on PETROLEUM PRODUCTS, LIQUID FUELS, AND LUBRICANTS**

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**SECOND SECRETARY:** Barbara E. Goodrich, John Deere Product Engineering, 1017 Washington St., Cedar Falls, IA 50613, (319) 464-4417, email: [goodrichbarbarae@johndeere.com](mailto:goodrichbarbarae@johndeere.com)

**STAFF MANAGER:** Alyson Fick, ASTM International, (610) 832-9710, e-mail: [afick@astm.org](mailto:afick@astm.org)

Meeting Minutes of the Technical Guidance Committee In-Person Meeting

Anaheim Marriott, Anaheim, CA

December 9, 2024

Scheduled Meeting Time 4:00 – 5:00 PM

**Reply to:** Patrick Lang

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

Phone: 210-522-2820, [patrick.lang@swri.org](mailto:patrick.lang@swri.org)

The meeting was called to order at 4:00 PM by Chairman Pat Lang.

**Agenda:**

The meeting agenda can be found as attachment #1.

**Membership Review:**

The attendance list can be found as attachment #2.

### **Review and Acceptance of Minutes:**

Pat Lang requested approval of the June 17, 2024 meeting minutes held during June ASTM in Austin. No corrections or additions were requested. A motion for approval was made by Pat Lang and seconded by Joe Franklin. No objections were voiced; the minutes were approved as written.

### **Action Item List:**

The action item list was reviewed; see Attachment #3 for more details.

### **Fuels Task Force:**

Pat Lang reported that there has been no activity in the fuels task force this period. All of the action items have been completed. If there are any new items to be added, please contact Mike Lochte at SwRI or the TGC chairman.

### **Rating Task Force:**

Bob Campbell provided the rating task force update; the full report can be found as Attachment #4.

- The rating task force held a virtual meeting on August 13, 2024. There was a lot of discussion around oil screen ratings as this parameter continues to be of concern.
  - The method and template used was agreed upon by all raters.
  - Oil screen pictures distributed to all labs for visual ratings. See attachment for results of ratings with photo aids.
  - Continued focus on oil screens at the upcoming spring workshop.
- Sub task force formed for L37gear ratings
  - Intent is to build a new rating aid and move ratings from whole numbers to something more granular.

There was some general discussion around oil screen clogging. Mike Deegan said that from an ILSAC perspective, it would be helpful to have photos of oil screens for OEMs to review. Bill Busher commented that 100% clogging doesn't mean there is no oil flow through the screen.

A comment was made that it is important we carefully document the oil screen rating procedure as we go through these exercises and refine it.

Laura from Oronite asked about the field rating workshop. Sean from the TMC advised that they have trouble getting qualified people for field rating training.

**Stats Topics:**

No stats topics were discussed during this meeting.

LTMS training was held by Travis Kostan at ASTM prior to this TGC Meeting.

**Old Business:**

TGC link on TMC homepage:

Pat advised the group that there is now a direct link to the TGC folders on the TMC homepage. See attachment #5 for the details.

Surveillance Panel Chair Handbook

Andrew Stevens reported that the handbook is officially completed. The document is available on the TMC website (too large to attach to the minutes).

Thanks to Andrew for his leadership in completing the task and thanks to all of those that assisted in putting this document together. It will continue to be refined as needed and it will remain under the control of the TGC.

**New Business:**

Test Out-of-Control Document

Pat Lang reported that the next action item that will be addressed is the review of the "Out-of-Control" document.

The meeting adjourned at 17:00 PST

**Next Meeting:**

The next meeting will be at the call of the chairman.

# **Attachment #1**

## **Agenda**

**December 9, 2024**

## **AGENDA**

### **ASTM Technical Guidance Committee Meeting**

Patrick Lang – Chairman

Monday December 9, 2024 – 4:00 PM to 5:00 PM

Anaheim Marriott, Anaheim, CA

Meeting Room: Platinum Ballroom Salon 1

1. Attendance
2. Chairman's Comments
3. Review & Acceptance of Minutes
  - 3.1. Acceptance of the June 17, 2024, meeting minutes (Austin). Minutes have been posted to the TMC website.
4. Review Action Item List (Pat Lang)
5. Fuels Task Force Update (Pat Lang)
  - 5.1. No Activity this period (all action items have been addressed)
6. Rating Task Force Update (Bob Campbell)
7. Stats Topics
  - 7.1. No new items for this reporting period.
  - 7.2. LTMS training session conducted by Travis Kostan 12-9-24 at ASTM
8. Old Business
  - 8.1. TGC Link on TMC Homepage (Pat Lang)
  - 8.2. Surveillance Panel Handbook Completion (Andrew Stevens)
9. New Business
  - 9.1. Review and update "Out-of-Control" Document (Pat Lang)
  - 9.2. Any other new business?
10. Next Meeting: To be determined
11. Adjournment

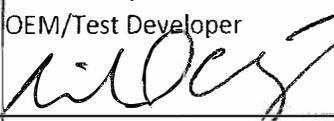
**Attachment #2**

**Attendance List**

**December 9, 2024**

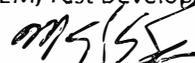
Technical Guidance Committee---Voting Membership List

12-9-24

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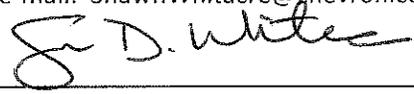
Technical Guidance Committee---Voting Membership List

12-9-24

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Technical Guidance Committee---Voting Membership List

12-9-24

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# **Attachment #3**

## **Action Item List**

**December 9, 2024**

## Technical Guidance Committee (TGC)

### Action Items List Status as of 12-9-24:

1. Action Item – Create a Surveillance Panel Chairman Handbook to document the responsibilities associated with chairmanship positions.
  - *Complete: final version reviewed by facilitator*
  
2. Action Item – TGC to review the current document for “out of control” tests.
  - *Open*
  
3. Action Item – TGC to work on generating test procedure wording that would address the handling of testing anomalies.
  - *Open*

**Attachment #4**  
**Rating Task Force Report**  
**December 9, 2024**



# Rater Task Force Update to TGC

December 9, 2024

Passion for Solutions®

# Reminder...Standardized Testing Deposit Workshop

## Second official combined workshop help week of 3/11/2024 in San Antonio

- ▶ Test labs only – 20 raters split into two groups
- ▶ Data indicates raters generally in a good spot
  - **Oil Screen Clogging is problematic**
- ▶ New format continues to be well received

## See report on TMC website for details

- ▶ [https://www.astmtmc.org/ftp/refdata/gas/rating\\_workshop\\_data/2024/Final%20Report%20-%202024%20Standardized%20Testing%20Rating%20Workshop.pdf](https://www.astmtmc.org/ftp/refdata/gas/rating_workshop_data/2024/Final%20Report%20-%202024%20Standardized%20Testing%20Rating%20Workshop.pdf)

# Reminder - Oil Screen Concerns

Due to industry concerns over Oil Screen Ratings, in addition to the traditional one required for calibration, 8 others were added to the workshop

		<b>Avg</b>	<b>Min</b>	<b>Max</b>
<b>Oil Screen</b>		10	2	20
<b>Oil Screen 1</b>		58	40	69
<b>Oil Screen 2</b>		9	3	24
<b>Oil Screen 3</b>		58	15	75
<b>Oil Screen 4</b>		35	18	45
<b>Oil Screen 5</b>		23	10	35
<b>Oil Screen 6</b>		98	94	100
<b>Oil Screen 7</b>		86	70	96
<b>Oil Screen 8</b>		13	5	26

# August 13-2024 TF Meeting held

## Reviewed report from June ASTM

- ▶ Much discussion around oil screen ratings. Method and template agreed-upon by all raters
- ▶ Oil Screen pictures distributed to all labs for visual rating – data just received (next slide)
  - Screen deposits change with time (could impact workshop)
  - Will be a continued focus at Spring workshop

## Sub Task Force formed for L37 gear ratings

- ▶ Intent is to build new rating aid and move ratings from whole numbers to something more granular
  - Work in progress
  - Report to L37 group in November was well received

# Photo Ratings

													Min	Max	AVG
OS 1	5	6	4	11	10	10	6	18	8	20	6	10	4	20	10
OS 2	7	3	1	8	4	7	4	5	2	8	2	3	1	8	5
OS 3	2	5	2	7	8	7	6	8	7	10	3	5	2	10	6
OS 4	1	8	5	7	6	2	7	5	9	8	4	2	1	9	5
OS 5	6	5	4	15	8	5	9	7	10	9	5	10	4	15	8
OS 6	8	14	8	10	13	8	16	22	17	25	20	25	8	25	16
OS 7	2	4	2	9	3	2	4	5	6	8	4	10	2	10	5
OS 8	6	5	2	10	5	5	7	10	6	9	5	5	2	10	6
OS 9	9	9	8	6	13	8	10	15	14	8	8	15	6	15	10
OS 10	1	3	1	5	3	5	7	3	10	4	7	5	1	10	5
OS Clogging Avg	4.7	6.2	3.7	8.8	7.3	5.9	7.6	9.8	8.9	10.9	6.4	9.0	4	11	7

# Next Workshop

 Spring 2025 at SwRI

▲ Date undetermined

# Manual 20 Info

Contact Information for TMC Manuals 20 & 21 and other rating scales and aids :

Yvonne Reese

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fax: (610) 834-7078

email: [yreese@astm.org](mailto:yreese@astm.org)

# **Attachment #5**

**Location of TGC Direct Link on TMC Homepage**

**December 9, 2024**

# TMC Home Page

Home

ftp Help

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About Us



A Program of ASTM International

## Test Monitoring Center

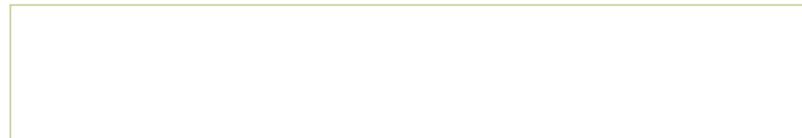
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Calibration Needs



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Semi-Annual Reports
Meeting Minutes
Rater Info Center
ASTM Committee Docs
Technical Guidance Committee - TGC
Miscellaneous
Reference Test File Upload
Oil Assignment Request
LRI Tools
User Accounts - Calibrated Labs Only
Data Entry Tools
ASTM PTP Distribution
Document Upload
Fuel Information

The Test Monitoring Center (TMC) offers reference oil distribution and data handling services to laboratories involved in lubricant testing. We provide a reference oil based system for the calibration of ASTM Test Methods.

Other services include laboratory inspections, rater calibration workshops and industry related registration services. Please contact us at 412-365-1030 for any calibration or registration needs.



### Website Links

[Online Store](#)



[Surveillance Panel List](#)

[Current TMC Price Schedule](#)

[Control Chart Guidelines \(LTMS\)](#)

[ASTM Reference Oil Book](#)

[Subcommittee B Glossary](#)

[ASTM Test Method 'D' Numbers](#)

[Data Correction Policy](#)

[TMC Single Source Data Policy](#)

[Best Practices](#)

[Test Hardware Control](#)

[Rater Workshop Registration](#)

[Data Analyst List](#)

[Data Analyst Projects](#)

[ASTM Tech. Committee Regs. & Orientation](#)

[Safety Data Sheets \(SDS\)](#)

### Industry Links

[ACC Monitoring Agency](#)

[ATC-European Registration Centre](#)

[GM Reference Services](#)

[dexos Registration Services](#)

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<b>Technical Guidance Committee - TGC</b>
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Reference Test File Upload
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Technical Guidance Committee - TGC

Best Practices
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Meeting Minutes
Control Chart Graphs
Query Live Reference Data & Timelines
Information Letters & Procedures
Memos
Report Forms & Data Dictionary
Semi-Annual Reports
Meeting Minutes
Rater Info Center
ASTM Committee Docs
Technical Guidance Committee - TGC
Miscellaneous
Reference Test File Upload
Oil Assignment Request
LRI Management
User Accounts
Data Entry Tools
ASTM PTP Distribution

# Test Monitoring Center

- Standing Committee under the ASTM Test Monitoring Executive Committee (EC)
- Membership consists of current TMC monitored test Surveillance Panel Chairs and representatives of test developers/sponsors of tests approved by the EC
- Meet annually at a minimum and report to the EC semiannually
- The Chairman of the EC shall appoint a Chair of the Technical Guidance Committee from the membership of this committee. (Cannot be the TMC Director).
- Assist the TMC Director, Surveillance Panels, test developers/sponsors and individual testing laboratories to
  - Improve and standardize the operating procedures
  - Improve rating methods
  - Steward a range of tasks that improve the repeatability and reproducibility of monitored test procedures which relate to more than one test procedure
- The current chairman is Pat Lang. Pat can be reached at 210.522.2820.

[Technical Guidance Committee Documents\(click on link for Documents\)](#)



[Unavailable or Out of Control Test Documents](#)



# www.astmtmc.org - /ftp/docs/TechnicalGuidanceCommittee/

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[\[To Parent Directory\]](#)

11/27/2024 9:02 AM	<dir> <a href="#">minutes</a>
7/6/2022 10:03 AM	<dir> <a href="#">semiannualreports</a>
11/27/2024 9:02 AM	<dir> <a href="#">Surveillance Panel Chair Handbook</a>
11/14/2024 10:33 AM	<dir> <a href="#">Surveillance Panel Collaboration</a>

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# [www.astmtmc.org](http://www.astmtmc.org) - /ftp/docs/TechnicalGuidanceCommittee/Surveillance Panel Collaboration/

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[\[To Parent Directory\]](#)

11/14/2024 10:27 AM	210671	<a href="#">ASTM Antitrust and Recording Policy (1).JPG</a>
11/14/2024 10:27 AM	15367	<a href="#">ASTM D02.B Surveillance Panel Chairs' Handbook Rev 5-13-24.docx</a>
11/14/2024 10:27 AM	124133	<a href="#">ASTM SubB Test Availability Guidelines 20161209.pdf</a>
11/14/2024 10:27 AM	22186	<a href="#">ASTMVotingGuidelines.pdf</a>
11/14/2024 10:27 AM	118985	<a href="#">Bench Test Semi-Annual Report Template.pptx</a>
11/14/2024 10:27 AM	69170	<a href="#">D5800 VOLD14 RR Protocol - Proposed Draft 1.pdf</a>
11/14/2024 10:27 AM	88241	<a href="#">D5800 Noack VOLD18 RR Protocol.pdf</a>
11/14/2024 10:27 AM	26120	<a href="#">D5800 VOLD18RR Final 20181203.xlsx</a>
11/14/2024 10:27 AM	56333	<a href="#">Engine Test Template.pptx</a>
11/14/2024 10:27 AM	671296	<a href="#">EOFT Scope and Objective.pdf</a>
11/14/2024 10:27 AM	18267	<a href="#">General Guidance for Statistics.docx</a>
11/14/2024 10:27 AM	254531	<a href="#">GuideForTestDevelopment 1993.pdf</a>
11/14/2024 10:27 AM	27726	<a href="#">Guidelines for Industry Matrix Development Scinto.docx</a>
11/14/2024 10:27 AM	281329	<a href="#">Minutes Example.pdf</a>
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11/14/2024 10:26 AM	280372	<a href="#">SP Handbook Meeting Minutes 030623.pdf</a>
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11/14/2024 10:26 AM	1068293	<a href="#">SP Handbook Meeting Minutes 042023.pdf</a>
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11/14/2024 10:26 AM	260738	<a href="#">SP Handbook Meeting minutes 061523 (1).pdf</a>
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11/14/2024 10:27 AM	28945	<a href="#">VOLD18CofA.docx</a>

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