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### **Committee D02 on PETROLEUM PRODUCTS AND LUBRICANTS**

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August 16, 2018

Reply to:  
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ASTM D5579 Surveillance Panel  
Members and Guests:

Attached for your review and comment are the unconfirmed minutes of the:

- **August 8, 2018 D5579 Surveillance Panel Meeting, PRI – Warrendale, PA**

Please direct any corrections or comments to my attention.

Sincerely,

Mary Stevens  
D5579 (MACK) Surveillance Panel

August 16, 2018

## **Mack High-Temperature Cyclic Durability (D 5579) Surveillance Panel Meeting Minutes**

**August 8, 2018, PRI – Warrendale, PA**

### **Attendees**

R. Banas (ExxonMobil)	K. Drlja (LZ)	D. Smith (Intertek)
D. Beck (TMC)	A. Goyal (BASF)	J. Tian (Afton)
D. Bell (Afton)	T. Joy (BASF)	A. Trader (Intertek)
B. Foecking (LZ)	P. Kanga (ExxonMobil)	W. Venhoff (LZ)
J. Clark (TMC)	B. Kearney (Afton)	R. Warden (SwRI)
J. Dharte (AAM)	S. Parke (TMC)	M. Stevens (SwRI)
D. Mosher (BASF)	J. Rucker (Meritor)	
E. Donovan (Afton)	R. Slocum (LZ)	

### **Call to Order**

M. Stevens called the meeting to order at 1:30 p.m. Eastern time.

### **Chairman Nomination**

W. Venhoff nominated M. Stevens as new Mack HTCD chairman. Motion to approve by R. Warden. Second by A. Goyal. Unanimous approval, no abstentions.

### **Review of Membership**

Membership list is attached.

### **Approval of Meeting Minutes**

No previous meetings were presented.

### **Overview of Mack HTCD Test**

Mack HTCD (D 5579) evaluates the thermal stability of fluids for use in heavy duty manual transmissions. The specification is no longer listed in J2360, but is still used in other specifications, including Mack Truck GO-J, GO-J Plus, and APT MT-1. Some specifications that included D 5579 are now obsolete.

### **Referencing the Stand**

Stand is currently referenced as of May 2018. Current procedure lists that the stand can only be out of reference for one reference period before having to declare a new stand. To bring on a new stand, a total of 5 reference tests must be run before a candidate test is completed. The current industry demand can't sustain stand referencing.

It was discussed to remove new stand requirements from the test procedure. TMC will look into how to change the wording in the ASTM procedure of LTMS document for new stand requirements of D 5579. Stand will still be referenced for 6 months. Reference will still be compared to previous 5 reference tests.

M. Stevens to hold teleconference with surveillance panel to vote on changes.

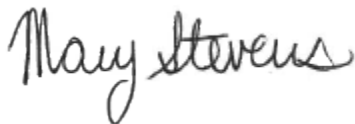
### **New/Open Issues**

No new issues were discussed. There are no open issues.

### **Adjournment**

Meeting was completed at 2:00 p.m. Motion by W. Venhoff, second by R. Warden. Meeting adjourned.

Submitted by:

A handwritten signature in black ink that reads "Mary Stevens". The signature is written in a cursive, flowing style.

Mary Stevens

Mack HTCD Surveillance Panel Chairman

Southwest Research Institute

6220 Culebra Road

San Antonio, TX 78238-5166

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# ASTM D5579 Surveillance Panel Meeting

SOUTHWEST RESEARCH INSTITUTE®

August 2018

# Chairman Nomination

# Overview

- MACK High Temperature Cyclic Durability (HTCD)
- Evaluating the thermal stability of fluids for use in heavy duty manual transmissions
  - Pass/fail criteria based on number of shifting cycles without failure of synchronization
- HTCD test is listed in documents:
  - Mack Truck GO-J and GO-J Plus
  - API MT-I

# Referencing the Stand

- Stand is currently referenced (as of May 2018)
- Must re-reference every 6 months
  - If out of reference for 6 months, must re-reference 5 times
- Current industry demand can't sustain stand referencing
  - Hardware is not an issue
  - Last candidate test was Oct 2017

# Options

- Extend reference period to 1 year
- Pass/fail criteria based off of most recent reference
  - Remove comparison to last 5 references
  - Remove new stand referencing requirements
- Others?









**MACK**  
**ASTM ~~XXXX~~ Surveillance Panel Membership/Mailing List**

**Date:**

Present / Initials *	Name	Voting Status	Company Name & Address	Phone & Fax & E-Mail
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## ASTM L-60-1 Surveillance Panel Membership/Mailing List

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## ASTM L-60-1 Surveillance Panel Membership/Mailing List

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