

ATTACHMENT 6

Mack Surveillance Panel Report

Report to B
Automotive Lubricants

Dec. 4, 2000

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Mack Surveillance Panel

Mack T-6/T-7/T-8 Surveillance Panel
12/4/00

Table of Contents

- 1. Scope and Objectives**
- 2. Membership**
- 3. Previous Meetings**
- 4. Activity Reports**
- 5. B0.02 Action Items**

MACK TEST SURVEILLANCE PANEL
12/4/00
SCOPE AND OBJECTIVES

SCOPE

The Mack Test Surveillance Panel is responsible for the Mack T-6, T-7, T-8A, T-8, T-8E and T-9 tests procedures. The Panel works with the ASTM Test Monitoring Center to monitor test operations, test statistics, test severity and test precision. The Mack T-6 and T-7 tests are no longer monitored by the TMC. The overall improvements in the test operation and test monitoring are accomplished with the cooperation of the test developer, the Test Monitoring Center and ASTM Subcommittee B0.02.

Objectives

1. Evaluate alternative viscosity measurement methods for use with the T-8E test in future categories.
2. Support the development of a low temperature viscosity measurement of soot laden oils.

Mack Surveillance Panel
Membership

Bill Buscher	Texaco
Bob Campbell	Ethyl
Jon Carlson	Lubrizol
Ralph Cherrillo	Equilon
Gil Clark	Halterman
Jeff Clark	TMC
Jim Colum	Perkin Elmer
Mark Cooper	Oronite
Pat Fetterman	Infinium
Jim Gallovich	Infinium
Ken Goshorn	Mack
John Graham	Cummins
Waldyr Guardia	Infinium
Ricardo Conti	ExxonMobil
Mark Hull	Lubrizol
John Knight	Test Engineering
Charles Passut	Ethyl
Robert Ratliff	Infinium
Scott Richards	SWRI
Dino Righi	Lubrizol
Greg Shank	Mack
Gary Tietze	Test Engineering
Hap Thompson	Facilitator
Lew Williams	Lubrizol
Wim van Dam	Oronite
Jim Wells	SWRI

Mack T-6/T-7/T-8 Surveillance Panel

Previous Meetings

- 1) Sept. 7, 2000 Richmond, VA
- 2) June 26, 2000 Seattle WA
- 3) Teleconference April 7, 2000
- 4) Dec. 6, 1999 Sparks, NV
- 5) Sept. 9, 1999 Richmond, VA.
- 6) June 21, 1999 St. Louis, MO.
- 7) April 20, 1999 San Antonio, TX.
- 8) December 7, 1998 New Orleans, LA
- 9) Sept. 10 and 11, 1998 Richmond,
- 8) May 21, 1998 – Special Teleconference.
- 9) March 3, 1998 – Special Meeting Paulsboro, NJ.
- 10) December 8, 1997 Regular ASTM meeting San Antonio, TX.
- 9) October 7, 1997 - Special Meeting for T-8E in Chicago, IL.
- 11) September 4, 1997 - Meeting in Richmond, VA
- 12) June 23, 1997 - Regular June meeting in Pittsburgh, PA
- 13) April 7, 1997 - Meeting in Dallas,
- 4) December 4, 1996 - Regular meeting at the December ASTM Meeting.

Activity Reports

T-6/T-7 Information Letters

No longer Monitored

T-8 Information Letters and Reports

No Information Letters issued this period.

Previous Information Letters

- 1) Information Letter 98-1 was issued January 26, 1998. This information letter modified D-5967 to incorporate the extended length test, T-8E, into the T-8 method. The information letter also revised the report form and the data dictionary.
- 2) Information Letter 98-2 was issued June 26, 1998. This information letter revised the low sulfur diesel fuel specification, the calculation method for viscosity increase at 3.8% soot, the oil sampling frequency and report forms and data dictionary.
- 3) Information letter 98-3 was issued on August 24, 1998. This information letter gave the shear test method number change, the fuel system revision schematics, viscosity measurement procedure revision and changes to the report forms and data dictionary. A correction to the data dictionary was issued on September 8, 1998.
- 4) Information letter 98-4 was issued December 11, 1998. This information letter updated the critical parts list.
- 5) Information letter 98-5 was issued in December 1 , 1998 to define the Mack T-8A in D 5967.

6) Information Letter 97- Revised report forms and data dictionary

Contained two errors regarding test length and reference period. Not all tests are running the 300 hour test length proposed for PC-7. The surveillance panel

Voted to increase only reference test length to 300 hours. Candidate TESTING MAY BE EITHER 250 OR 300 HOURS. To help RSI the 300-hour test will be called the T-8E.

- 7) The last T-8 Information letter in 1996, 96-1, was issued June 28, 1996
- Oil consumption calculation correction.
 - TMC address change
 - Alpha numeric fields added to the Data Dictionary

Mack T-9 Information Letters and Report :

No TMC report was issued this period since no reference activity was reported.

No Information Letters were issued this period.

Previous Information Letters:

1) Information Letter 99-1 was issued February 19, 1999 This Information Letter contains Draft No. 7 of the test procedure.

2) Information Letter 98-1 was issued June 26, 1998 with a revision on July 2, 1998. Procedure changes were issued for the test cell fuel system, extension of calibration periods, outlier and flaked top ring screening, part numbers, and report forms and data dictionary.

3) Information Letter 98-2 was issued on Sept. 21, 1998. Test procedure changes were issued for: coolant additives, TBN/TAN measurements, viscosity measurement, part numbers, lead adjustment for outlier bearings, report forms and data dictionary.

Action Items for B.02

The Surveillance Panel has no action items for B.02.