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Committee D02 on PETROLEUM PRODUCTS AND LUBRICANTS

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November 13, 2001

Please forward any comments to:
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 PerkinElmer Automotive Research
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Unconfirmed Minutes from the ASTM L-38/Sequence VIII Surveillance Panel Held in San Antonio, TX November 13, 2001

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Call to Order

Chairman Zack Bishop opened the Surveillance Panel (SP) and the agenda was distributed and is shown in Attachment #1.

Membership Changes

The sign-in sheet was passed out and is shown in Attachment #2. The only change was that Bill Busher Jr. asked to remain as a voting member for Busher Consulting Services.

Select Action Item and Motion Recorder

Charlie Leverett of PerkinElmer AR volunteered to be the permanent L-38/VIII secretary and also recorded Motions and Action Items for this meeting. A listing of motions and action items may be found in Attachment #3.

Approval of Minutes

The minutes for the May 2001 meeting were approved with a correction to the RSI report which is shown in Attachment #4. Meeting minutes will no longer be mailed, it was decided that they would be posted on the TMC Web Site at:

<ftp://tmc.astm.cmri.cmu.edu/docs>

Any questions concerning the access of these documents should be directed to TMC. Once these minutes are posted the secretary will inform all members and others currently on the mailing list by Email of these postings. Please forward any changes that may occur to your Email address to:

charlie.leverett@perkinelmer.com

TMC Report

Mike Kasimirsky presented the Semiannual Reports for the L-38 and Sequence VIII. The time period for this report is April 1, 2000 to September 30, 2001. Due to the lack of activity in the L-38 the SP accepted his report without a formal presentation. The Sequence VIII report for this period may be found at:

<ftp://tmc.astm.cmri.cmu.edu/docs/gas/sequenceviii/semiannualreports/>

A summary of this report is:

- Laboratory/Stand distribution shows three labs during this period.

Calibration Start Outcomes	TMC Validity Code	No. of Tests
Operationally and Statistically Acceptable	AC	13
Failed Acceptance Criteria	OC	0
Stand/Engine failed to successfully calibrate, engine abandoned and data pulled	MC	1
Operationally Invalid (Laboratory Judgment)	LC	2
Operationally Invalid (Laboratory & TMC Judgment)	RC	0
Aborted	XC	0
Total		16
Donated & Industry Support Outcomes	TMC Validity Code	No. of Tests
none		1
Total		1

Bearing Weight Loss

The industry BWL mean Δ/s is -0.05 mild for this period which equates to a shift of -0.2 mg in reported units.

Stripped Viscosity

The industry SVIS mean Δ/s is 0.21 mild for this period which equates to a shift of 0.02 reported units.

LTMS Deviations

None for this report period.

The following Motions and Action Items were made:

Motions

1.) Disband the L-38 Surveillance Panel and TMC is to cease monitoring.

Charlie L./Dwight B.

Vote: 8 Approved 1 Negative 2 Waives

2.) Introduce reference oil 1006-2 using the current stats for 1006. Targets will be reviewed at 5 tests. Targets will be adjusted at 10, 20 and freeze at 30 tests.

Charlie L./Fred G.

Vote: 11 Approved 0 Negative 0 Waives

3.) Accept proposed GF-3 reference oil; bring in with 5 donated tests.

Request approx. 250 gallons for this test type.

Zack B./Gordon F.

Action Items

1.) TMC is to continue review of strip viscosity procedures at remaining labs. TMC is to supply the oil sample to the labs at time of review.

The TMC report was accepted with the following exception:

Mike was asked to include the introduction of the new piston batch into the Seq. VIII timeline.

RSI Report

Rick Oliver gave this report

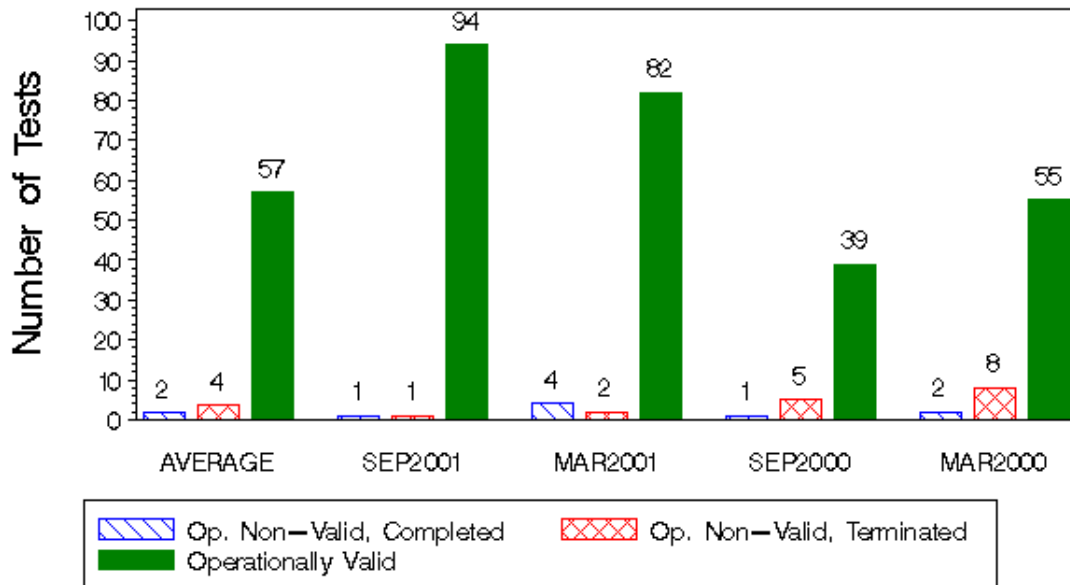
RSI Sequence VIII Semi-Annual Report Six-Month Period Ending September 30, 2001

STATUS OF REPORTED TESTS		
STATUS	N	PERCENT
Operationally Non-Valid, Terminated	1	1.0%
Operationally Non-Valid, Completed	1	1.0%
Operationally Valid	94	97.9%
Total Reported Tests	96	100.0%
CAUSES FOR LOST TESTS		
	N	
Down Time	0	
Oil Consumption	0	
Control Problems	1	
Engine Mechanical Problems	0	
Support Equipment Problems	0	
Sponsor Request	0	
Miscellaneous	1	

SEQUENCE VIII PRECISION		
COMPONENTS OF REPLICATED DATA BASE	N	
Number of Tests	6	
Number of Oils	3	
Number of Labs	2	
Number of Stands	4	
Number of Stand/Engine Combinations	4	
Number of Severity Adjusted Bearing Weight Loss Tests	0	
	VARIABLE	Pooled s
		R
Bearing Weight Loss, Adjusted	4.564	12.779
Bearing Weight Loss, Non-Adjusted	4.564	12.779

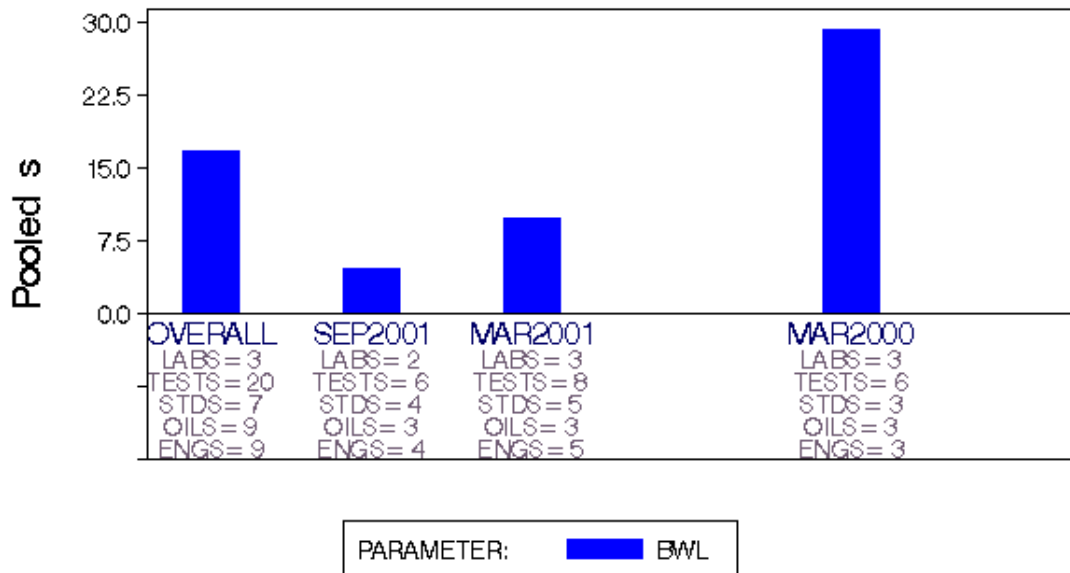
Sequence VIII

Status of Reported Tests



Sequence VIII Candidate Precision

Operationally Valid, Adjusted Data



The RSI report was accepted.

CPD Report

The CPD Report was presented by Beto Araiza of TEI, Inc., his hand out is shown in Attachment 5. It was noted that TEI was currently out of the 8231 U.S. bearing. TEI is now offering the Electronic Distributor Assembly. Pistons, Liners and Connecting Rods are now available.

The following Action Item came out of this report:

Bearing Storage enhancements, TEI is to sample storage fluid in remaining lots (9-15). If lead levels are on the increase either new EF-411 or an alternate (white oil/ food grade) is to be used to replace the current fluid. TEI will also look at the possibility of vacuum packing these bearings; a study should be done to insure that this would be suitable.

O&H Report

Most issues have been handled using E-Ballots and conference calls, currently the O&H does not have any open issues.

The following Motion came from this report.

Combine O&H with Surveillance Panel.

Charlie L./ Carl S.

Vote: 11 Approved 0 Negative 0 Waives

Fuel Supplier Report

The current batches of approved fuel were shown. The fuel "Product Information" for the KA24E Test Fuel used in the Seq. VIII is now listed on the TMC Web Site. It may be found at:

<http://tmc.astm.cmri.cmu.edu/refdata/Fuel/>

Review Scope & Objectives

The Scope and Objectives were reviewed and revised, a current version is shown in attachment #6

Old Business

None

New Business

None

Next Meeting

At the call of the Chairman, the following Motion was proposed:

Disband Surveillance Panel Week

Dwight B./ Charlie L

Failed

Due to the Fail of the above Motion the following was approved:

Surveillance Panel Chairmen are to form a Task Force with B01.2 Chairman to determine how this may be handled for future meetings.

Dwight B./Bill B.

Vote: 10 Approved 0 Negative 1 Waives

Adjournment

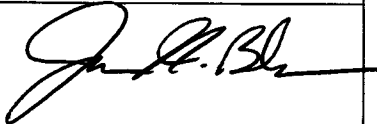


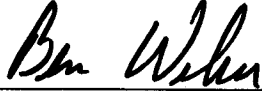



AGENDA
L-38/VIII Surveillance Panel Meeting
Embassy Suites Hotel – San Antonio, TX
November 13, 2001

- Call to Order
- Membership Changes
- Approval of Minutes from May 2001
- TMC Report – Mike Kasimirsky
- RSI Report – Rick Olivier
- CPD Report – Beto Araiza
- O&H Report – Charlie Leverett
- Fuel Supplier Report – Robert Rumford
- Review Scope & Objectives
- Old Business
- New Business
- Next Meeting
- Adjournment

ASTM L-38 / SEQUENCE VIII SURVEILLANCE PANEL
MEMBERSHIP LIST

Name	Address	Phone/Fax/Email	Attendance
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Buscher, Jr., Bill	Buscher Consulting Services P.O. Box 112 Hopewell Jct., NY 12533	Phone: 845-897-8069 Fax: 845-897-8069 BuschWA@aol.com	Bill Buscher
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Leverett, Charlie	PerkinElmer Automotive Research 5404 Bandera Road San Antonio, TX 78238	Phone: 210-647-9422 Fax: 210-523-4607 charlie.leverett@perkinelmer.com	Charlie Leverett
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**ASTM L-38 / SEQUENCE VIII SURVEILLANCE PANEL
NON-MEMBER MAILING LIST**

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Rutherford, Jim	Chevron Oronite Company LLC 100 Chevron Way Richmond CA 94802-0627	P: 510 242 3410 F: 510 242 1930 JARRU@CHEVRONTEXACO.COM	
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FRANK FARBER	ASTM TMC 6555 PENN AVENUE PITTSBURGH, PA 15206	412 365 1030 412 365 1047 fmf@tmc.astm.cmc.cmo.edu	

**L-38 & Sequence VIII Surveillance Panel
Motions & Action Items
From Meeting Held 11/13/01**

Motions:

4.) Disband the L-38 Surveillance Panel and TMC is to cease monitoring.
Charlie L./Dwight B.

Vote: 8 Approved 1 Negative 2 Waives

5.) Introduce reference oil 1006-2 using the current stats for 1006. Targets will be reviewed at 5 tests. Targets will be adjusted at 10, 20 and freeze at 30 tests.

Charlie L./Fred G.

Vote: 11 Approved 0 Negative 0 Waives

6.) Accept proposed GF-3 reference oil; bring in with 5 donated tests.
Request approx. 250 gallons for this test type.

Zack B./Gordon F.

Vote: 11 Approved 0 Negative 0 Waives

7.) Combine O&H with Surveillance Panel.

Charlie L./ Carl S.

Vote: 11 Approved 0 Negative 0 Waives

8.) Disband Surveillance Panel Week

Dwight B./ Charlie L

Failed

9.) Surveillance Panel Chairmen are to form a Task Force with B01.2
Chairman to determine how this may be handled for future meetings.

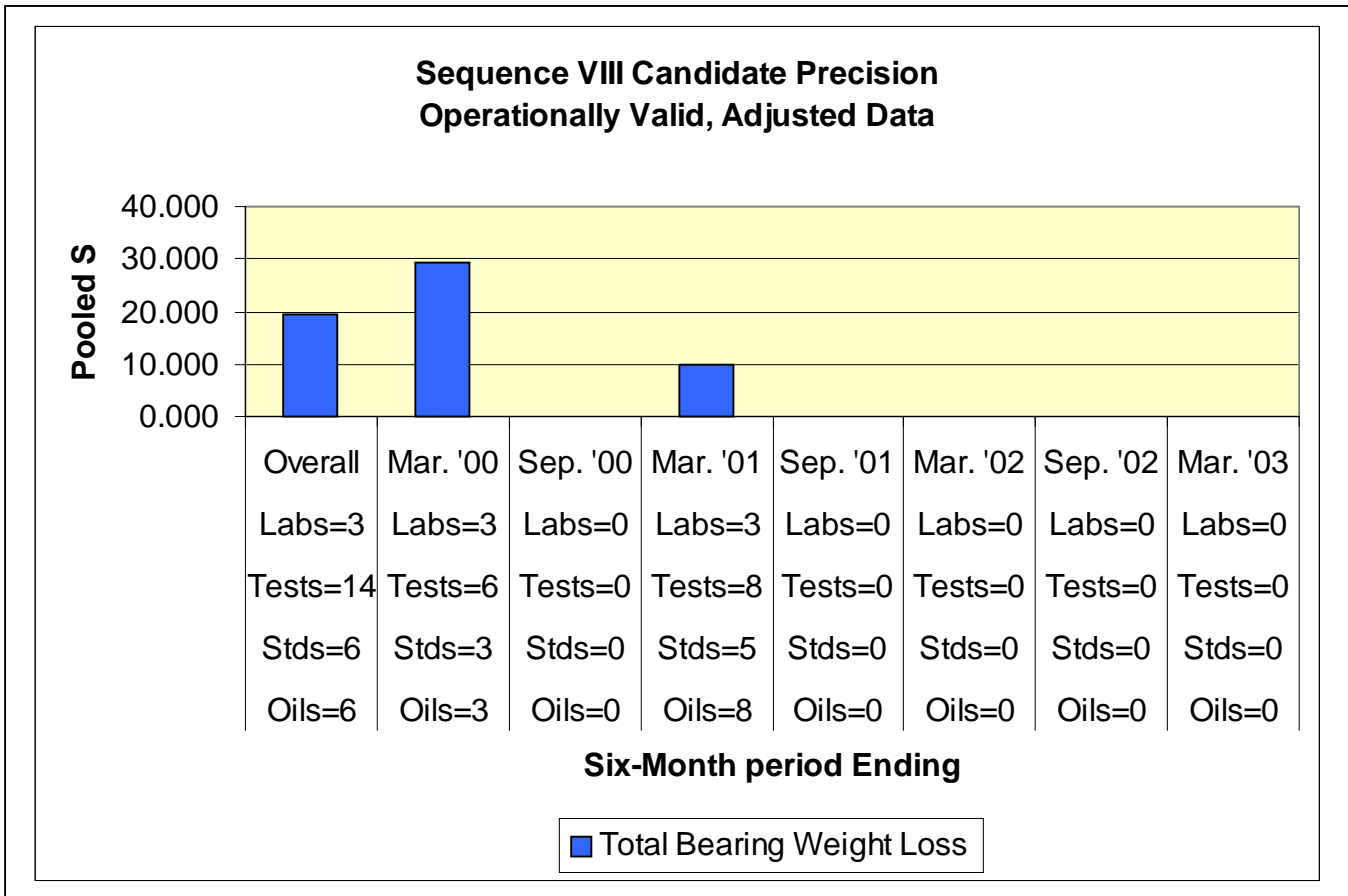
Dwight B./Bill B.

Vote: 10 Approved 0 Negative 1 Waives

Action Items

- 2.) Bearing Storage enhancements, TEI is to sample storage fluid in remaining lots (9-18). If lead levels are on the increase either new EF-411 or an alternate (white oil/ food grade) is to be used to replace the current fluid. TEI will also look at the possibility of vacuum packing these bearings; a study should be done to insure that this would be suitable.
- 3.) TMC is to continue review of strip viscosity procedures at remaining labs. TMC is to supply the oil sample to the labs at time of review.
- 4.) Halterman is to supply current KA24E Test Fuel blend sheets to TMC to be posted on web site.
- 5.) Scope and Objectives, make date changes and add bearing study and introduction of 1006-2.

Correction to RSI Report from May 2001 Meeting Minutes





TEST ENGINEERING, INC.

L-38 / VIII Meeting
November 13, 2001
CPD Report

Attachment #5

- 8231 U.S. Bearing - .002 U.S.
- Liners
- Connecting Rods
- Pistons
- Distributor Assembly
- Next bearing batch is 11-93 lot 8

**SCOPE AND OBJECTIVES
VIII SURVEILLANCE PANEL**

SCOPE

The Sequence VIII Surveillance Panel is responsible for the Surveillance of the Sequence VIII test procedure (ASTM D XXXX-XX). This panel works in conjunction with **Test Engineering Inc. (TEI)** who supplies the test hardware. Improvements in the test operation, test monitoring and test validation will be accomplished through continual communications with the test hardware supplier, the **ASTM Test Monitoring Center**, the **Technical Guidance Committee**, and the **ACC Monitoring Agency**. The panel will maintain an up-to-date evaluation of the precision of the VIII reference oils and will report this precision and test severity levels to the **D02.BO.01 Oil Classification Panel** and section. These combined efforts will help to assure that the Sequence VIII test will continue to provide the industry with a precise method for evaluating a lubricant's ability to protect against copper-lead bearing weight loss and to evaluate the viscosity stability of multi-viscosity-grade oils.

OBJECTIVES

Work with TGC to bring one to two GF-3 oils into the VIII LTMS.

May, 2002

Review Strip Viscosity Round Robin Data.

May, 2002

Introduction of Reference Oil 1006-2.

May, 2002

Review TEI Bearing Data.

May, 2002