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JOHN McLAIN

COMMITTEE D-2
ON
PETROLEUM PRODUCTS
AND LUBRICANTS

ASTM, 1916 Race St., Philadelphia, PA 19103 (215) 299-5400

Chairman: S. D. ANDREWS, Florida Dept. of Agriculture & Consumer Services, Div. of Standards, Mayo Bldg., Lab. Complex, Tallahassee, Fla. 32304 (904-488-0645)
First Vice-Chairman: V. A. SMITH, Amoco Oil Co., Box 710, Tech. Service Bldg., Whiting, Ind. 46394 (219-473-3224)
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Reply to: Dean C. Bardy
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April 7, 1981

To: Those in Attendance at the ASTM Test Monitoring Board Technical Guidance Committee Meeting, April 2, 1981, Held at the Airport Ramada Inn, Detroit, Michigan


G. R. Farnsworth	Exxon Chemical Co.
R. C. Hercules	Edwin Cooper
R. H. Kabel	General Motors Research
R. E. Kay	Amoco Chemicals Corp.
D. C. Ludwig	ASTM Test Monitoring Center
J. J. Rodgers	General Motors Research
C. H. Ruof	Ford Motor Co.

Gentlemen:

Enclosed please find a draft copy of the minutes of the above-mentioned meeting. Please review these minutes and feel free to make any corrections, additions or deletions as you see fit. After receiving your comments, the minutes will be retyped, circulated to those in attendance and members not in attendance, as well as the membership of the ASTM Test Monitoring Board.

Thank you for your cooperation in this matter.

Yours truly,


Dean C. Bardy, Chairman
ASTM Technical Guidance Committee

DCB/bs
Enclosure

UNCONFIRMED MEETING MINUTES

ASTM TEST MONITORING BOARD TECHNICAL GUIDANCE COMMITTEE

Held at the Airport Ramada Inn
Detroit, Michigan
April 2, 1981

CALL TO ORDER

The meeting of the Technical Guidance Committee was called to order by Chairman D. C. Bardy at 9:30 a.m. on April 2, 1981 at the Airport Ramada Inn, Detroit, Michigan. Those in attendance were:

* D. C. Bardy	Lubrizol Corp.
* G. R. Farnsworth	Exxon Chemical Co.
* R. C. Hercules	Edwin Cooper
R. H. Kabel	General Motors Research
* R. E. Kay	Amoco Chemicals Corp.
* D. C. Ludwig	ASTM Test Monitoring Center
* J. J. Rodgers	General Motors Research
C. H. Ruof	Ford Motor Co.

* Members

Members Absent

H. E. Davis	Caterpillar Tractor Co.
D. Florkowski	Ford Motor Co.

The agenda for the meeting is shown as Attachment 1.

SCOPE AND OBJECTIVES

Excerpts from the regulations of the ASTM Test Monitoring System, relating to the Technical Guidance Committee, were distributed and are shown in Attachment 2. The Scope and Objectives of the committee were rewritten and are shown in Attachment 3. It was moved by R. Kay and seconded by G. Farnsworth that the Scope and Objectives as shown in Attachment 3 be accepted. The motion passed unanimously.

SELECTION OF REFERENCE OILS

It was noted by D. Ludwig that the TMC and the test developer in the past had determined new reference oils. The question of new reference oils covering several test areas had not been addressed. Picking a reference oil is as much a political issue as a technical issue.

Statement of Policy on Selection of Reference Oils

After much discussion the following policy statement was developed by the committee: "The Test Monitoring Center, test sponsor and oil supplier should work together in the selection of a reference oil. The appropriate Surveillance Panel may be involved. As is indicated in section 6.3.10 of the Test Monitoring System Regulations, the confidentiality of reference oil information must be respected." The above policy statement was accepted without objection by all those present.

REQUESTS RECEIVED BY THE TEST MONITORING CENTER FOR THE RELEASE OF REFERENCE OIL DATA ON A LABORATORY BASIS

R. Kabel pointed out that this information represents individual laboratory data and as such should not be released by the TMC on a laboratory by laboratory basis.

Policy Statement

It was moved by R. Hercules and seconded by J. Rodgers that the following policy statement be adopted:

"The Test Monitoring Center is cautioned to protect the confidentiality of information as contained in items 6.3.6, 6.3.7, 6.3.10 of the regulations covering the TMC dated March 19, 1981."

The motion carried without a negative vote.

COMMON REFERENCE SYSTEM

It was generally agreed that it is desirable to have all monitored tests on a common reference basis. R. Kabel pointed out that a test stand or a laboratory approach to calibration was not important. What was important was not to ignore laboratory problems. If a laboratory problem existed testing should not continue generating meaningless data.

Both R. Kabel and D. Ludwig indicated that most problems tended to be laboratory related. It was agreed that it is impossible to define every possible problem and classify it as a test stand or a laboratory problem. Each problem must be handled on an individual basis and the best judgment available applied. Input should be obtained from whatever source necessary (TMC, test laboratory, test developer, Surveillance Panel, etc.) in order to call on the expertise available to make the best judgment.

The following comments were offered by committee members:

- ° Provision should be made to stop testing if a laboratory problem exists.
- ° The system should allow laboratories to expand testing capabilities and not put a lid on the number of stands.
- ° Any new system should be placed on a six month trial basis.

It was moved by R. Kabel that a Task Force be appointed to develop recommendations regarding a common reference system for the Sequence IID, IIID and V-D tests. This Task Force is to be composed of the test administrator, the test developers, the Surveillance Panel chairman, and the San Antonio, Texas, laboratories. The motion was seconded and carried without a dissenting vote.

GUIDELINES FOR THE TASK FORCE

The following guidelines were adopted for the Task Force:

- ° Provisions should be made for terminating testing if a significant laboratory problem is identified, indicated, or shows a continuing trend.
- ° New reference procedures to be applied on a trial basis.
- ° Available expertise from the TMC and other sources to be applied to making these determinations as required.

The Task Force will report its recommendations back to the committee. The committee will report back to the Test Monitoring Board for approval.

INTRODUCTION OF NEW REFERENCE OILS

The V-D reference system calls for six runs in calibrated stands prior to the introduction of a new reference oil. Dan Ludwig raised the question, "How are these tests to be paid for?"

The committee asked the Task Force to address this question. It was also suggested that the Task Force consider a common system for all the Sequence tests.

DOUBLE-BLIND REFERENCE OIL TESTS

Test stand rotation for Sequence IID and IIID. Double-blind reference tests can upset test stand rotation. This problem may be eliminated with the introduction of a common reference system for all the Sequence tests.

CATERPILLAR 1G2-1H2 ACCEPTABLE RATER CRITERIA

R. Kay commented on an acceptable rater criteria being developed by the TMC, test developer, and the Surveillance Panel. Calibrated raters will be defined.

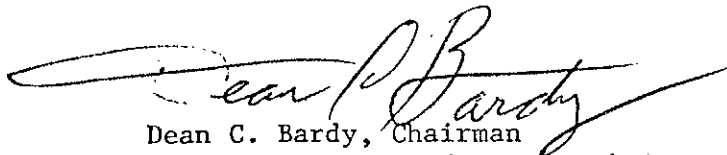
They will be raters that have been trained at workshops and have demonstrated rating capabilities. The ratings of a calibrated rater will be used immediately by the TMC but will be followed up by a second (referee) rating. This concept will be addressed at the next rater workshop. Recommendations will be developed and passed on to the test developer. The test sponsor, test monitor, and Surveillance Panel chairman will formulate acceptable rater criteria.

The committee agreed that ASTM should avoid publishing a list of calibrated raters. A calibrated rater should be one that continues to demonstrate that he or she is capable of providing consistent ratings using accepted industry practices.

NEW BUSINESS

A request that the Single Cylinder Surveillance Panel analyze candidate repeat test results on a six month basis was directed to that Surveillance Panel.

There being no further business to come before the committee, the meeting was adjourned at 5:20 p.m.


Dean C. Bardy, Chairman
ASTM Technical Guidance Committee

DCB/bs
Attachments

AGENDA

ASTM TECHNICAL GUIDANCE COMMITTEE
Detroit, Michigan
April 2, 1981

- ° Scope and Objectives
- ° Common Reference System
- ° Recommendation of a Policy with Regard to Requests for Releasing Reference Oil Data
- ° Introduction of New Reference Oils
- ° Double-Blind Reference Oil Tests

ARTICLE 7 - COMMITTEES

- 7.1 There shall be two standing committees of the Board; the Administrative Guidance Committee and the Technical Guidance Committee.
- 7.4 The Technical Guidance Committee shall consist of the chairmen of the Surveillance Panels of Technical Division B, a representative of each of the Test Developers which are responsible for the test procedures referenced in paragraph 2.1, and the Administrator.
- 7.5 The Technical Guidance Committee members shall:
- 7.5.1 Advise and assist the Administrator in technical matters concerning the test procedures.
- 7.5.2 Assist the Administrator in carrying out the task defined in subparagraph 6.3. and any other tasks which relate to more than one test procedure.
- 7.6 The Chairman of the Board shall appoint a Chairman of the Technical Guidance Committee from the membership of this committee, with the exception of the Administrator.

ARTICLE 6 - ADMINISTRATOR

- 6.3.8 Work with the Surveillance Panels, the Test Developers and the individual testing laboratories to improve and standardize the operating procedures, practices and rating methods to improve the repeatability and reproducibility of the test procedures referenced in paragraph 2.1.

ARTICLE 2 - PURPOSE

- 2.1 The purpose of the System is to establish, maintain and operate an independent reference oil system to assure that all oil tests performed using the lubricating oil engine test procedures published in ASTM Special Technical Publication 315, "Multicylinder Test Sequence for Evaluating Automotive Engine Oils" and Special Technical Publication 509, "Single Cylinder Engine Tests for Evaluating Performance of Crankcase Lubricants" are conducted in a valid manner so that they can be interpreted properly.

SCOPE AND OBJECTIVES

Technical Guidance Committee

Scope

Provide technical guidance and assistance to the Administrator on matters related to tests involved in STP 315 and STP 509.

Evaluate and/or develop technical policy statements and positions for the Test Monitoring Board.

Objectives

Provide assistance as needed to the Administrator in the following areas:

1. Establishing policy for selection and certification of new reference oils.
2. Developing means to provide common reference oil systems, including double blind, for all tests.
3. Establishing policy on technical matters that are interrelated to more than one monitored test.