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

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February 11<sup>th</sup>, 2010

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ASTM D02.B0.03 L-37 Surveillance Panel  
Members and Guests:

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

- **February 3<sup>rd</sup>, 2010 L-37 Surveillance Panel Meeting Teleconference**

Please direct any corrections or comments to my attention.

Sincerely,

Galen Greene, Chairman  
L-37 Surveillance Panel

**Report of Meeting**  
**L-37 Surveillance Panel Teleconference Meeting**

*February 3<sup>rd</sup>, 2010*

Attendees:

Dana -	<b>Miller</b>
SwRI -	<b>Koehler</b>
Lubrizol -	<b>Greene, Gropp, Graziano, Hamilton</b>
Afton -	<b>Koglin</b>
Intertek-Parc -	<b>Smith</b>
TMC -	<b>Lind</b>
Chevron -	<b>Haire</b>
Arvin Meritor -	<b>McGlone</b>

Voting Members in **BOLD**

The meeting was called to order at 10:30 am EST.

**1.0 Summary of Meeting Discussions**

**1.1 Non-Lubrited Reduced Load Data Review and Discussion**

The group reviewed the reduced load test data from the TMC website. The consensus was that the data looked fairly good, all passing tests passed and all discrimination test runs failed. One area of discussion was one of the TMC 155 test runs that had a 9.6 pitting/spalling result. Don Lind had prepared targets using the matrix data and the targets for pitting/spalling on TMC 155 only included ratings of 9.8 and 9.9. The group discussed that this appeared to be a fairly small window and it may cause problems when qualifying stands. Don Lind stated that the data dictated the targets and this was calculated using a pooled standard deviation. The group decided there was nothing that could be done to widen this target; however, Don Lind noted that the targets would be updated once more runs are obtained with this batch.

After further discussion, the following motion was made:

**Motion # 1 →** Mr. Koglin / 2<sup>nd</sup> Mr. Haire - Motion to approve the V1L500/P4T813 batch using the 13% reduced contact stress (1213 ft-lb wheel load) procedure. Operational limits for load will be  $\pm 25$  ft.-lb. The batch is approved for both standard temperature and low temperature testing. Targets would be set by the TMC using the pooled standard deviation. This is effective 2/5/2010. The motion was passed with a vote of Yes-6, No-0, Abstentions-2

**1.2 Stand Referencing with Reduced Load Procedure**

The group had a discussion regarding the referencing of test stands under the new procedure. Currently all referencing is done on the normal load procedure under standard test conditions. The question was asked can a lab reference on the reduced load procedure. Another question was can a lab run both reduced load tests as well as full load tests during a reference period. After discussion, the following motion was made:

**Motion # 2 →** Mr. Koehler / 2<sup>nd</sup> Mr. Greene – Labs are allowed to calibrate test stands using any batch of approved hardware and the appropriate wheel load for that batch. Labs may then run non-reference tests on any approved hardware using the wheel load specified for that batch. This is effective 2/5/2010. The motion was passed with a vote of Yes-5, No-0, Abstentions-1

**1.3 Use of the Last Matrix Test in Qualification**

Next the group discussed using the last non-discrimination standard temperature matrix test to qualify the stand. The following motion was made:

**Motion # 3 →** Mr. Koehler / 2<sup>nd</sup> Mr. Koglin – The last standard temperature, non-discrimination matrix test on the gear batch V1L500/P4T813 can be used to start a new reference period for the test stand. The motion was passed with a vote of Yes-5, No-0, Abstentions-1

## **2.0 Adjournment**

Meeting Adjourned at 12.15 am EST

Respectfully submitted,

Galen Greene  
L-37 Surveillance Panel Chairman