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

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March 20th, 2014

Reply to:  
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ASTM D02.B0.03 L-37-1 Next Generation Hardware Task Force  
Members and Guests:

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

- **March 19th , 2013 Next Generation Hardware Task Force Meeting; Teleconference.**

Please direct any corrections or comments to my attention.

Sincerely,

Chris Prengaman, Chairman  
L-37-1 Hardware Taskforce Chairman

**Report of Meeting**  
**L-37-1 Next Generation Hardware Task Force Meeting**  
**Teleconference**  
*March 19th, 2014 Meeting*

**Attendees:**

Voting Members in **BOLD**

**Gottwald, Thomas – Afton Chemical**

Charley, Jay – Afton Chemical

Marsh, Greg – American Axle

**Parke, Scott – ASTM TMC**

Dennis, Mike – Gleason

Heim, Scott - Gleason

**Smith, Dale – Intertek Automotive Research**

Trader, Angela – Intertek Automotive Research

**Prengaman, Chris – Lubrizol**

Gropp, Jerry – Lubrizol

Hamilton, Larry - Lubrizol

Bubonic, Brad – Lubrizol

Umerley, Matt – Lubrizol

Koehler, Brian – Southwest Research Institute

**Warden, Rebecca – Southwest Research Institute**

The meeting was called to order at 1100 EST.

**1.0 Update & Discussion**

C. Prengaman shared the ratings from the gears that were sent around to the labs. These gears are a selection of the initial runs from Afton. T. Gottwald shared that he will send a few more for additional review.

C. Prengaman shared that an updated draft procedure was sent to the smaller working group and requested comments as time allows.

S. Heim shared the quotes should go out by weeks end, They are still working on how to serialize the gearsets. They will test a method and send to Custom Coating for evaluation if the markings are hidden by the Lubrifying process. They still expect approximately 10 weeks for the first set of 200 gearsets.

The group agreed that the first 200 sets manufactured, half (100) would be sent for Lubrifying. A number of topics are listed below for discussion in next week's meeting.

- Remaining split of lubrified parts – do we split 50/50 till quantities are meet, or do we set aside and do them all in one batch?
- Lab Visits – related to build & new procedure
  - Gleason
  - Custom Coatings – *Potentially in conjunction with May LRI/ASTM (May 6<sup>th</sup>)*  
Auburn IN is only 3 hours from Detroit.
  - Labs – To review and audit test stands
  - Build Workshop

**2.0 Adjournment**

Motion to adjourn .

Respectfully Submitted  
Chris Prengaman