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**Committee D02 on PETROLEUM PRODUCTS AND LUBRICANTS**

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**Minutes of ASTM ROBO Surveillance Panel**

Issued October 14, 2015 for Teleconference September 23,

**Call to order:** The meeting, via teleconference, was called to order by the chair, Alan Flamberg, shortly at 10:05 AM EDT, Wednesday, September 23, 2015. 12 members and guests were in attendance. The meeting was held via teleconference and WebEx using with the attached Powerpoint.

**ASTM Antitrust and Recording Policy:** Statement was presented and reviewed.

**Review of Membership:**

\*in attendance

Ace Glass	John Ross
Afton	Shelia Thompson*, Jeff Yang*
ASTM TMC	Tom Schofield*
BASF	Mary Dery, Bridgett Rakestraw
BP	Betsy Kaplan
Chevron Oronite	Kaustav Sinha, Robert Stockwell
ExxonMobil	Dennis Gaal*
Infineum	Andy Richie, Sapna Eticala
Intertek	Joe Franklin, Matt Schlaff*
Kuwait Petroleum	Leen Poot
Lubrizol	Grant Hutchinson*, Aimee Shinhearl*, Rick Hartman
PetroChina	Li Shaohui , Sun Ruihua, Peng Wang, Xiaogang Li, Xu Li

Evonik Oil Additives	Alan Flamberg*, Justin Mills*, Bruce Zweitzig*, Joan Souchik
RT Vanderbilt	Al Filho*, Ron Hiza, Simon Tung
SwRI	Becky Grinfield, Joe De La Cruz, Mike Birke*, Young-Li McFarland
Ashland Inc. / Valvoline	Amol Savant, Kevin Figgatt, Steve Lazzara

**Approval of August minutes:** The minutes were approved as written. They will be marked Approved, and posted on the TMC web site.

### **Actions from August:**

**435 – Tom –** About 3 more gallons were found at TMC. They will be packaged in 1 Liter samples and available for sale as QC oils (internal use only, results not reported to TMC) for \$40 each until gone.

**Ace Glass –** Alan and Justin visited Ace glass on August 26, 2015. They were assured that the design of the ROBO reactor is locked down and has not changed since our last meeting with them. For QC they do a room temperature resistance measurement and also fill the reactor with oil and measure the heat up rate. All reactors now have serial numbers and original QC data can be traced. Deliver time for new reactors is running about 6-8 weeks. Findings from the visit will be discussed at the ROBO Workshop in October.

**Workshop Dates:** October 14-15, 2015 in San Antonio. A draft agenda was discussed.

### **Revision to D7528 (ROBO)**

Several suggestions were received and discussed at the meeting. Most of the items will be further discussed in person at the workshop. The items in summary were:

- 6.6 stirrer rod 300 mm not 30 mm
- 6.7 subsurface feed tube location
- 10.2.3 time of shaking for catalyst mixture
- 10.4 vacuum wording
- 10.6.6 NO<sub>2</sub> flow rate wording
  - When to start
- 10.6.6.1 NO<sub>2</sub> flow rate 0.167 mL/h
- X.1.1.2 Direct weighing – conflict with 10.3 and 10.4 order
- Level reactor – mention?
- Stirrer rod specs – straight?
- 6.10 and 10.3.2/10.4 flow meter vs acrylic block flow meter
- Test numbering 9.2.2.1
- 9 title

**Next meeting**

Thursday, October 15, 2015. By Teleconference and Webex. 10:00AM – 11 AM EDT, held during the Workshop.

Topics for discussion:

- Summarize Workshop findings from first day

- Work on method revision

- Continue severity discussions

**Adjourn** 11:37AM EDT