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### Committee D02 on PETROLEUM PRODUCTS AND LUBRICANTS

*Chairman:* KENNETH O. HENDERSON, Cannon Instrument Co., 2139 High Tech Road, State College, PA 16803, (814) 353-8000, Fax: (814) 353-8007, e-mail: [kenohenderson@worldnet.att.net](mailto:kenohenderson@worldnet.att.net)  
*First Vice-Chairman:* BEN R. BONAZZA, TI Group Automotive Systems, Caro Research Center, 326 Green Street, Caro, MI, 48723 (989) 673-8181 ext. 227, Fax: (989) 673-3241, e-mail: [bbonazza@us.tiauto.com](mailto:bbonazza@us.tiauto.com)  
*Second Vice-Chairman:* JANET L. LANE, ExxonMobil Research & Engrg., 600 Billingsport Rd, Paulsboro, NJ 08066-0480 (856) 224-3302, Fax: (856) 224-3616, e-mail: [janet.l.lane@exxonmobil.com](mailto:janet.l.lane@exxonmobil.com)  
*First Secretary:* RALPH A. CHERRILLO, Shell Global Solutions (US) Inc., Westhollow Tech Ctr., 3333 Highway 6 South, Houston, TX 77082 (281) 544-8789, Fax: (281) 544-8150, e-mail: [ralph.cherrillo@shell.com](mailto:ralph.cherrillo@shell.com)  
*Second Secretary:* MICHAEL A. COLLIER, Petroleum Analyzer Co. LP, PO Box 206, Wilmington, IL 60481, (815) 458-0216, Fax: (815) 458-0217, e-mail: [macvarlen@aol.com](mailto:macvarlen@aol.com)  
*Staff Manager:* DAVID R. BRADLEY, (610) 832-9681, Fax: (610) 832-9668, e-mail: [dbradley@astm.org](mailto:dbradley@astm.org)

May 15, 2014

Reply to:

Larry Hamilton

The Lubrizol Corporation

29400 Lakeland Blvd.

Wickliffe, Ohio 44092

(440) 347-2326

[Larry.hamilton@lubrizol.com](mailto:Larry.hamilton@lubrizol.com)

ASTM D02.B0.03 L-60-1 Surveillance Panel

Members and Guests:

Attached for your review and comments are the unconfirmed minutes of the May 07, 2014

L-60-1 Surveillance Panel meeting held at Automation Alley, Troy, MI.

Please direct any corrections or comments to my attention.

Sincerely,

Larry Hamilton; Chairman

L-60-1 Surveillance Panel

ASTM L-60-1 (D5704) Surveillance Panel Meeting Minutes

Automation Alley, Troy, MI

05/07/2014

Meeting was called to order at 0930

Attendees: voting member in **BOLD**

AAM	J. Dharte
Afton	<b>M. Keisler</b> ; D. Bell; B. Kearney; T. Gottwald; C. Koglin; W. Recinos; J. Chalkley
AMSTA-TAR	B. Dwornick ( <b>alternate vote</b> )
BASF	No Rep
Eaton	No Rep
ExxonMobil	<b>R. Banas</b> ; P. Kanga
G. M.	K. Zreik
Intertek	A. Trader ( <b>alternate vote</b> ); T. Barrera
Lubrizol	J. Gropp ( <b>alternate vote</b> ); M. Umerley ( <b>Acting Chairman</b> ); C. Prengaman; L. Hamilton (Phone)
Meritor	<b>B. McGlone</b> ; T. Muransky
SwRI	<b>R. Warden</b> ; B. Koehler
TMC	<b>S. Parke</b>
Volvo	No Rep

Sign-in and review of membership

Attendance was taken and voting membership reviewed.

The sign-in sheets, identifying attendance and voting membership, is included; see attachment # 1

Intertek – A. Trader is voting on behalf of D. Smith - Accepted by chairman

Lubrizol – J. Gropp will be voting on behalf of L. Hamilton - Accepted by chairman

SwRI – R. Warden to replace B. Koehler - Chairman called for a vote - Passed Unanimously

Review of Agenda

The Agenda was reviewed and is included; see attachment # 2

Approval of meeting minutes

Chairman called for a vote to accept the November 2013 Surveillance Panel Meeting.

Passed Unanimously

Review L-60-1 Taskforce Findings

M. Umerley updated the group on the Tuesday meeting; see Attachment #3

Two motions were worked on at the Taskforce meeting:

Motion 1:

10.10 Remove test gears from gear case between 30 and 60 minutes from test completion.

Motion by M. Keisler, 2<sup>nd</sup> R. Warden - Passed unanimously

Motion 2:

TMC to allocate 30 gallons of 155-1 to L-60-1 testing.

Labs to run 2 tests (1 per reference period) on each test stand within the next 6 months.

Reference periods will be increased by 1 test to allow for the donated test.

Demonstration tests are to use the 12-11 batch of hardware.

Motion by B. McGlone, 2<sup>nd</sup> R. Warden - Passed unanimously

New Business

There was no New Business.

Adjournment

Move to adjourn by M. Keisler, 2<sup>nd</sup> A. Trader – Passed unanimously

Respectfully Submitted;



Larry Hamilton

L-60-1 Surveillance Panel Chairman

ASTM L-60-1 Surveillance Panel Membership/Mailing List *Attachment #1*

Meeting Date: May 07, 2014

Present / Initial	Name	Voting Status	Company Name & Address	Phone & Fax & E-Mail
	Aguirre, Nancy	Non-voting	Intertek Automotive Research 5404 Bandera Rd San Antonio TX 78238	Phone: 210-647-9428 Fax: E-Mail: Nancy.Aguirre@intertek.com
	Athey, Allison	<b>Voting</b>	Volvo Group Trucks Technology 13302 Pennsylvania Avenue Hagerstown, Maryland 21740	Phone: 301-573-5684 Fax: E-Mail: allison.athey@volvo.com
<i>PPB</i>	Banas, Rob	<b>Voting</b>	ExxonMobil Fuels Lubricants & Specialties 114 Arcadia Park Drive Canton, GA 30114	Phone: 678-493-3930 Fax: E-Mail: rob.banas@exxonmobil.com
<i>T.C.B.</i>	Barrera, Tony	Non-voting	Intertek Automotive Research 5454 Bandera Rd San Antonio TX 78238	Phone: 210-523-4653 Fax: E-Mail: tony.barrera@intertek.com
<i>D.E.B.</i>	Bell, Don	Non-voting	Afton Chemical Corporation 500 Spring Street Richmond, Virginia 23219	Phone: 804-788-6332 Fax: 804-788-6342 E-Mail: Don.Bell@aftonchemical.com
	Boschert, Tom	Non-voting	Afton Chemical Corporation 500 Spring Street Richmond, Virginia 23219	Phone: 804-788-5202 Fax: 804-788-6342 E-Mail: Tom.Boschert@aftonchemical.com
	Bubonic, Brad	Non-voting	The Lubrizol Corporation 29400 Lakeland Boulevard Wickliffe, Ohio 44092	Phone: 440-347-5321 Fax: 440-347-2878 E-Mail: brad.bubonic@lubrizol.com
	Chambers, Harold	Non-voting	43945 Merrill Rd. Sterling Hts., MI 48314	Phone: (586) 770-4694 Fax: E-Mail: haroldchambers@gmail.com
	Clark, Jeff	Non-voting	ASTM Test Monitoring Center 6555 Penn Avenue Pittsburgh, Pennsylvania 15206	Phone: 412-365-1032 Fax: 412-365-1047 E-Mail: jmf@astmtmc.cmu.edu
	Comfort, Allen	<b>Voting</b>	AMSTA-TR-D/210 (Allen Comfort) U S Army Tank, Automotive, and Armament Command Warren, Michigan 48397-5000	Phone: 586-282-4225 Fax: 586-282-4244 E-Mail: allen.s.comfort.civ@mail.mil

\* Initial to indicate attendance at subject meeting

**ASTM L-60-1 Surveillance Panel Membership/Mailing List**

**Meeting Date: May 07, 2014**

<b>Present / Initial</b>	<b>Name</b>	<b>Voting Status</b>	<b>Company Name &amp; Address</b>	<b>Phone &amp; Fax &amp; E-Mail</b>
<i>JPD</i>	Dharte, John	Non-voting	American Axle 1 Dauch Dr Detroit, MI 48212	Phone: 313 758-4687 Fax: E-Mail: DharteJ@aam.com
<i>BD</i>	Dwornick, Bridget	Non-voting	AMSTRD-TAR-D/210 6501 E.11 Mile Rd Warren,MI 48397-5000	Phone: 586-282-4221 Fax: 586-282-4244 E-Mail: bridget.dwornick@us.army.mil
<i>TG</i>	Gottwald, Thomas	Non-voting	Afton Chemical Corporation 500 Spring Street Richmond, Virginia 23219	Phone: 804-788-5230 Fax: 804-788-6358 E-Mail: thomas.gottwald@aftonchemical.com
	Greene, Galen	<b>Voting</b>	BASF Corporation 100 Pash Ave Florham Pash, NJ	Phone: 973-873-4816 Fax: E-Mail: galen.greene@basf.com
<i>JJA</i>	Gropp, Jerry	Non-voting	The Lubrizol Corporation 29400 Lakeland Boulevard Wickliffe, Ohio 44092	Phone: 440-347-1223 Fax: 440-347-1555 E-Mail: jerrold.gropp@lubrizol.com
<i>PHONE</i>	Hamilton, Larry	<b>Voting</b>	The Lubrizol Corporation 29400 Lakeland Boulevard Wickliffe, Ohio 44092	Phone: 440-347-2326 Fax: 440-347-2878 E-Mail: larry.hamilton@lubrizol.com
	Hobson, Kevin	Non-voting	Afton Chemical Corporation 500 Spring Street Richmond, Virginia 23219	Phone: 804-788-5375 Fax: 804-788-6358 E-Mail: kevin.hobson@aftonchemical.com
	Huron, John	Non-voting	Chevron Oronite 4502 Centerview Drive, Suite 210 San Antonio, Texas 78228	Phone: 210-731-5609 Fax: 210-731-5699 E-Mail: HURO@ChevronTexaco.com
	Jackson, Matt	Non-voting	Southwest Research Institute 6220 Culebra Road Bldg.209 San Antonio, TX 78238-5166	Phone: (210) 522-6981 Fax: E-Mail: matt.jackson@swri.org
<i>PKR</i>	Kanga, Percy R.	Non-Voting	Commercial Vehicle, Marine & Gas Engine Lubricants ExxonMobil Research & Engineering 600 Billingsport Road Paulsboro, NJ. 08066	Phone: 856-224-2094 Fax: 856-224-3613 E-Mail: percy.r.kanga@exxonmobil.com

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<b>Present / Initial</b>	<b>Name</b>	<b>Voting Status</b>	<b>Company Name &amp; Address</b>	<b>Phone &amp; Fax &amp; E-Mail</b>
WAK	Kearney, Bill	Non-voting	Afton Chemical Corporation 2000 Town Center Southfield, MI 48075	Phone: 248-350-0640 Fax: E-Mail: bill.kearney@aftonchemical.com
MSK	Keisler, Marc	<b>Voting</b>	Afton Chemical Corporation 500 Spring Street Richmond, Virginia 23219	Phone: 804-788-5617 Fax: E-Mail: marc.keisler@aftonchemical.com
	Koehler, Brian	Non-voting	Southwest Research Institute 6220 Culebra Road Bldg.209 San Antonio, TX 78238-5166	Phone: (210) 522-3588 Fax: (210) 684-7523 E-Mail: bkoehler@swri.org
C.K.	Koglin, Cory	Non-voting	Afton Chemical Corporation 2000 Town Center Suite 1160 Southfield, MI 48075	Phone: 248-996-0386 Fax: E-Mail:
	Marougy, Thelma	Non-voting	Eaton Corporation 26201 Northwestern Highway Southfield, Michigan 48037	Phone: 248-354-6985 Fax: 248-354-2739 E-Mail: thelmaemarougy@eaton.com
BM	McGlone, Bruce	<b>Voting</b>	Meritor 2135 West Maple Troy, Michigan 48084	Phone: 248-435-9929 Fax: 248-435-6602 E-Mail: Bruce.McGlone@meritor.com
	Mosher, Donna	Non-voting	Eaton Corporation 13100 E Michigan Ave Galesburg, Michigan 49053	Phone: 269-342-3039 Fax: E-Mail: donnammosher@eaton.com
M	Muransky, Troy	<del>Non-voting</del> Alternate	Meritor 2135 West Maple Troy, Michigan 48084	Phone: 248-435-1409 Fax: E-Mail: troy.muransky@meritor.com
	O'Brien, Cheryl	Non-voting	General Motors	Phone: 248-343-7347 Fax: E-Mail: cheryl.obrien@gm.com
	Parke, Scott	<b>Voting</b>	ASTM Test Monitoring Center 6555 Penn Avenue Pittsburgh, Pennsylvania 15206	Phone: 412-365-1030 Fax: 412-365-1047 E-Mail: fmf@astmtmc.cmu.edu

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<b>Present / Initial</b>	<b>Name</b>	<b>Voting Status</b>	<b>Company Name &amp; Address</b>	<b>Phone &amp; Fax &amp; E-Mail</b>
<i>CP</i>	Prengaman, Chris	Non-voting	The Lubrizol Corporation 29400 Lakeland Boulevard Wickliffe, Ohio 44092	Phone: 440-347-4225 Fax: 440-347-2878 E-Mail: chris.prengaman@lubrizol.com
<i>WR</i>	Recinos, Will	Non-voting	Afton Chemical Corporation 500 Spring Street Richmond, Virginia 23219	Phone: 804-788-5323 Fax: E-Mail: william.recinos@aftonchemical.com
	Shah, Rajesh	Non-voting	Koehler Instrument Company 1595 Sycamore Avenue Bohemia, New York 11716	Phone: 516-589-3800 Fax: 516-589-3815 E-Mail:
	Smith, Dale	Non-voting	Intertek Automotive Research 5404 Bandera Rd San Antonio TX 78238	Phone: 412-855-6854 Fax: E-Mail: Dale.Smith@intertek.com
	Sullivan, Bill	Non-voting	WTSullivan, Inc. 5 Scheiber Drive Brick, New Jersey 08723	Phone: 908-930-3512 Fax: 267-220-7750 E-Mail: wtsullivan@comcast.net
	Suresh, Arunya	Non-voting	BASF Corporation 100 Pash Ave Florham Pash, NJ	Phone: 914-262-8715 Fax: E-Mail: arunya.suresh@basf.com
	Thorpe, Ryan	Non-voting	Southwest Research Institute 6220 Culebra Road Bldg.209 San Antonio, TX 78238-5166	Phone: (210) 522-6404 Fax: (210) 684-7523 E-Mail: ryan.thorpe@swri.org
<i>AT</i>	Trader, Angela	<i>PROXY</i> Voting	Intertek Automotive Research 5404 Bandera Rd San Antonio TX 78238	Phone: 210-706-1533 Fax: E-Mail: angela.trader@intertek.com
<i>MU</i>	Umerley, Matt	Non-voting	The Lubrizol Corporation 29400 Lakeland Boulevard Wickliffe, Ohio 44092	Phone: 440-347-4589 Fax: 440-347-2878 E-Mail: matthew.umerley@lubrizol.com
	Ved, shintan	Non-voting	Ford- Trans & Driveline Lubrication 35500 Plymouth Rd. Livonia, MI 48150	Phone: 313-805-9695 Fax: 267-220-7750 E-Mail: cved@ford.com

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**ASTM L-60-1 Surveillance Panel Membership/Mailing List**

**Meeting Date: May 07, 2014**

Present / Initial	Name	Voting Status	Company Name & Address	Phone & Fax & E-Mail
RLW	Warden, Rebecca	Voting	Southwest Research Institute 6220 Culebra Road Bldg.209 San Antonio, TX 78238-5166	Phone: (210) 522-6266 Fax: (210) 522-6858 E-Mail: Rebecca.Warden@swri.org
	Villahermosa, Luis	Non-voting	AMSTA-TR-D/210 (Luis Villahermosa) U S Army Tank, Automotive, and Armament Command Warren, Michigan 48397-5000	Phone: 586-574-4207 Fax: 586-574-4123 E-Mail: villahel@cc.tacom.army.mil
	Zakarian, Jack	Non-voting	Chevron Products Company 100 Chevron Way Richmond, California 94802-0627	Phone: 510-242-3595 Fax: 510-242-3758 E-Mail: jaza@chevron.com
KZ	Zreik, Khaled	Non-voting	General Motors	Phone: 248-977-9214 Fax: E-Mail: khaled.zreik@gm.com
JWC	CHALKLEY, JARROD	non-voting	AFTON CHEMICAL RICHMOND, VA	Phone: Fax: E-Mail: JARROD.CHALKLEY@AFTONCHEMICAL.COM
				Phone: Fax: E-Mail:
				Phone: Fax: E-Mail:
				Phone: Fax: E-Mail:
				Phone: Fax: E-Mail:
				Phone: Fax: E-Mail:
				Phone: Fax: E-Mail:

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				Phone: Fax: E-Mail:
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## L-60-1 Surveillance Panel

May 7, 2014

Automation Alley Troy, MI

### Agenda

For those not traveling, the call-in number will be 216-706-7052; Code 324160

- I. Call to Order
- II. Membership and agenda review
  - Change in voting Membership for Intertek
  - Change in voting Membership for SwRI
- III. Approval of the November 2013 SP meeting minutes.
- IV. Review L-60-1 Task Force findings
- V. New Business
- VI. Adjournment

### Voting Members

1. Allison Athey
2. Allen Comfort
3. Bob Banas
4. Brian Koehler / Rebecca Warden
5. Bruce McGlone
6. Dale Smith / Angela Trader
7. Galen Greene
8. Larry Hamilton
9. Marc Keisler
10. Scott Parke

## 5/6 Taskforce Meeting Review

S. Parke will look at longer term data from workshops to quantify if ACV changes over time.

C. Prengaman proposed to have the raters look at some gears without the jig at the upcoming workshop

Further investigation will be done to attempt to standard on device used to measure the oil charge.

Labs are directed to verify bushing and nut sizes per drawing.

Further work will be done to add language regarding time from copper strip preparation to use time requirements, similar to 8.4.1.

Labs to check if the filter capacitor is present.

Labs to verify calibration procedure for alternator.

### Proposed Motions

1) 10.10 Remove test gears from gear case between 30 and 60 minutes from test completion.

2) TMC to allocate 30 gallons of 155-1 to L-60-1 testing.

Labs to run 2 tests (1 per reference period) on each test stand within the next 6 months.

Reference periods will be increased by 1 test to allow for the donated test.

Tests are to use the 12-11 batch of hardware.