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Committee D02 on PETROLEUM PRODUCTS AND LUBRICANTS

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May 15, 2013

Reply to:
Larry Hamilton
The Lubrizol Corporation
29400 Lakeland Blvd.
Wickliffe, Ohio 44092
(440) 347-2326
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 15, 2013

L-60-1 Surveillance Panel meeting held at PRI Headquarters, Warrendale, PA.

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

Warrendale, PA

05/15/2013

Meeting was called to order at 08:05

Attendees: voting member in **BOLD**

AAM	J. Dharte
Afton	M. Keisler ; T. Gottwald; B. Kearney; T. Boschert
AMSTA-TAR	No Rep
BASF	A. Suresh
Eaton	D. Mosher
ExxonMobil	R. Banas ; P. Kanga
G. M.	K. Zreik
Intertek	D. Smith ; A. Trader; T. Barrera
Lubrizol	L. Hamilton ; J. Gropp; M. Umerley; B. Bubonic; C. Prengaman
Meritor	No Rep
PRI	K. Pulnell
SwRI	B. Koehler ; M. Jackson
TMC	S. Parke
Volvo	A. Athey

Sign-in and review of membership

Attendance was taken and voting membership reviewed.

Motioned by Larry Hamilton (Lubrizol) and **Seconded** by Dale Smith (Intertek) to except Alan Comfort as voting member for US Army. **Passed 7-0-0**

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

Review of Agenda

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

Approval of meeting minutes

Chairman entertained motion for acceptance of the February 6th; 2013, Surveillance Panel Meeting

Motioned by Mark Keisler (Afton) and **Seconded** by Brian Koehler (SwRI) to except the minutes.

Passed 7-0-0

Sole source calibration of Venture Flow Meter

This topic has been postponed till August meeting. Dale Smith will be presenting data on this topic.

Screen Cut Supplier

Supplier reported to L. Hamilton that they will have a change in material latter this year. The supplier expects inventory levels to last through 2013.

L-60-1 Rating Jig

TMC received in Jigs on 5/14/13 and will send to the labs. As a reminder, 2 rigs will be used for LRI.

Information Letter 10-1

ASTM Procedure: IL 10-1 has not been incorporated into the procedure yet. Frank Farber is working on this, and shared that the change was on the Dec ballot (and was cleared) - and should make it into the next printing.

Review of Industry Alarms

L. Hamilton provided an update of history regarding audits and state of alarm of the reference results: see attachment # 3

In an attempt to resolve outliers in reported Pentane / Toluene the TMC audited all the Analytical Labs and found differences in the processes, and request changes to reduce the numbers of outliers. The question was raised have the Labs checked with their analytical labs to ensure that the new methods have been started.

SWRI - is running to the latest version, not sure on date, but had been more than 9 months.

Intertek – Have only ever run under new procedure.

Afton - Yes, the new procedure since just before last TMC visit ~8 or 9 months ago.

Lubrizol - Yes, April of 2012.

Ideas were called for:

L. Hamilton – request the TMC re-audit and verify all changes have been made. Verify targets are correct

B. Koehler - at one point we discussed dropping pentane and toluene from monitoring, should we discuss this again?

J. Gropp - if we drop it from referencing, but is part of various spec levels, we could have it come back and bite us.

L. Hamilton - if we aren't drawing the oil samples at EOT the same, that could be a cause. Should we audit this process in greater detail?

S. Parke - showed Comparisons from the last audit go around - differences between labs.

B. Koehler – Have we looked at raw data for control charts? If so, then consider changing targets.

Brian requested we look at the charts in real limits - (TMC responded that's not how the limits and targets are set)

M. Keisler – Afton doesn't want to remove pentane / toluene from the test.

S. Parke - shared data plotted from the 30 test targets ("updated") to show that it helps to various degrees, but doesn't solve the problem. This was because the initial targets were set with a smaller data set.

TMC will re-audit- analytical labs and see EOT at his next visit for L-60-1 to each lab.

L. Hamilton - let's look at data, transformed and untransformed.

B. Koehler – asked if we should look at the transformation itself currently being used - this has been done before.

Summary and end result of discussion:

S. Parke of the TMC will audit Testing Labs and look at D893 in the analytical labs over the next 3 months. TMC will also update plots in LTMS.

New Business

There was no New Business.

Adjournment

Motioned by Dale Smith (Intertek) and **Seconded** by Brian Koehler (SwRI); to adjourn meeting. **Motion Passed 7-0-0**

Respectfully Submitted;

A handwritten signature in blue ink that reads "Larry Hamilton". The signature is written in a cursive style with a long horizontal line extending from the end of the name.

Larry Hamilton

L-60-1 Surveillance Panel Chairman

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

Meeting Date: May 15, 2013

Present / Initial	Name	Voting Status	Company Name & Address	Phone & Fax & E-Mail
AA	Athey, Allison	Voting	Volvo Group Trucks Technology 13302 Pennsylvania Avenue Hagerstown, Maryland 21740	Phone: 301-573-5684 Fax: E-Mail: allison.athey@volvo.com
PAB	Banas, Rob	Voting	ExxonMobil Fuels Lubricants & Specialties 114 Arcadia Park Drive Canton, GA 30114	Phone: 678-493-3930 Fax: E-Mail: rob.banas@exxonmobil.com
TCB	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
	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
TCB	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
MB	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: fmf@astmtmc.cmu.edu
	Comfort, Allen	Non-voting VOTING	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
ASD	Dharte, John	Non-voting	American Axle 1 Dauch Dr Detroit, MI 48212	Phone: 313 758-4687 Fax: E-Mail: DharteJ@aam.com

* Initial to indicate attendance at subject meeting

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




Meeting Date: May 15, 2013

Present / Initial	Name	Voting Status	Company Name & Address	Phone & Fax & E-Mail
	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>TC</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	Voting	BASF Corporation 100 Pash Ave Florham Pash, NJ	Phone: 973-873-4816 Fax: E-Mail: galen.greene@basf.com
<i>JH</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>LH</i>	Hamilton, Larry	Voting	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
<i>PK</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
<i>WAK</i>	Kearney, Bill	Non-voting	Afton Chemical Corporation 500 Spring Street Richmond, Virginia 23219	Phone: 248-350-0640 Fax: E-Mail: bill.kearney@aftonchemical.com
<i>O</i>	Keisler, Marc	Voting	Afton Chemical Corporation 500 Spring Street Richmond, Virginia 23219	Phone: 804-788-5617 Fax: E-Mail: marc.keisler@aftonchemical.com

* Initial to indicate attendance at subject meeting

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

Meeting Date: May 15, 2013

Present / Initial	Name	Voting Status	Company Name & Address	Phone & Fax & E-Mail
	Koehler, Brian	Voting	Southwest Research Institute Bldg.209 San Antonio, TX 78238-5166	6220 Culebra Road Phone: (210) 522-3588 Fax: (210) 684-7523 E-Mail: bkoehler@swri.org
	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
	McGlone, Bruce	Voting	Meritor 2135 West Maple Troy, Michigan 48084	Phone: 248-435-9929 Fax: 248-435-6602 E-Mail: Bruce.McGlone@meritor.com
	Muransky, Troy	Non-voting	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	Voting	ASTM Test Monitoring Center 6555 Penn Avenue Pittsburgh, Pennsylvania 15206	Phone: 412-365-1030 Fax: 412-365-1047 E-Mail: fmf@astmtmc.cmu.edu
	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
	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:

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

Meeting Date: May 15, 2013

Present / Initial	Name	Voting Status	Company Name & Address	Phone & Fax & E-Mail
ASB	Smith, Dale	Voting	Intertek Automotive Research 5454 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
	Thorpe, Ryan	Non-voting	Southwest Research Institute Bldg.209 San Antonio, TX 78238-5166	6220 Culebra Road Phone: (210) 522-6404 Fax: (210) 684-7523 E-Mail: ryan.thorpe@swri.org
AT	Trader, Angela	Non-voting	Intertek Automotive Research 5454 Bandera Rd San Antonio TX 78238	Phone: 210-706-1533 Fax: E-Mail: angela.trader@intertek.com
MU	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
	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
K.2	Zreik, Khaled	Non-voting	General Motors	Phone: 248-977-9214 Fax: E-Mail: khaled.zreik@gm.com
D	SURESH, ARUNYA	NON-VOTING	BASF	Phone: 914-262-8715 Fax: E-Mail: arunya.suresh@basf.com

* Initial to indicate attendance at subject meeting

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

Meeting Date: May 15, 2013

Present / Initial	Name	Voting Status	Company Name & Address	Phone & Fax & E-Mail
DMM	Donna Mosher	non-voting	Eaton	Phone: 269 342 3039 Fax: E-Mail: donnamosher@eaton.com
KRP	Keith Putnell	PRI non-voting	PRI	Phone: 724-991-5530 Fax: E-Mail: kputnell@saei.org
M	MATT JACKSON	non-voting	SWRI	Phone: 210 522 6981 Fax: E-Mail: matt.jackson@swri.org
				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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L-60-1 Surveillance Panel

May 15, 2013

Warrendale, PA

Agenda

- I. Call to Order
- II. Agenda review
- III. Voting Membership review
- IV. Approval of the February 6, 2013 SP meeting minutes.
- V. Possible supplier martial changes to Screen Kut
- VI. L-60 1 Rating Jig; update
- VII. Pentane Toluene Insolubles Alarms
- VIII. Information Letter 10-1*
- IX. New Business
- X. Adjournment

*Larry Hamilton (Lubrizol) reported that the latest version of the test procedure D5704-12 states that "this edition incorporates revisions in all Information Letters through 11-2". In fact Information Letter 10-1 was not incorporated into this version. Frank Farber of the TMC will follow up with ASTM to ensure its addition later this year.

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

Voting Members

1. Allison Athey
2. Bob Banas
3. Galen Greene
4. Larry Hamilton
5. Marc Keisler
6. Brian Koehler
7. Bruce McGlone
8. Scott Park
9. Dale Smith



Industry Alarm Notification: L601

From: Scott D. Parke

Date: 20130417 13:34

The following industry alarm changes were observed while control charting the most recent test reported to the Test Monitoring Center:

Parameter	nsize	Zi Value	Zi Warning Limit	Zi Action Limit	Zi Alarm Status	Qi Value	Qi Warning Limit	Qi Action Limit	Qi Alarm Status
VISI	715	0.888	±0.709	±0.863	Action	-0.395	+0.636	+0.800	
PEN	715	0.844	±0.709	±0.863	Warning	-0.625	+0.636	+0.800	
TOL	715	0.613	±0.709	±0.863		0.13	+0.636	+0.800	
ACV	715	-0.663	±0.709	±0.863		-0.6	+0.636	+0.800	
ASL	715	-0.242	±0.709	±0.863		-0.561	+0.636	+0.800	

The industry plots, that can be viewed from the TMC Website on the internet, reflect the current industry alarm status.

If you have any questions, feel free to contact the TMC.



Industry Alarm Notification: L601

From: Scott D. Parke

Date: 20130418 11:28

The following industry alarm changes were observed while control charting the most recent test reported to the Test Monitoring Center:

Parameter	nsize	Zi Value	Zi Warning Limit	Zi Action Limit	Zi Alarm Status	Qi Value	Qi Warning Limit	Qi Action Limit	Qi Alarm Status
VISI	716	0.745	±0.709	±0.863	Warning	-0.273	+0.636	+0.800	
PEN	716	0.831	±0.709	±0.863	Warning	-0.691	+0.636	+0.800	
TOL	716	0.693	±0.709	±0.863		0.094	+0.636	+0.800	
ACV	716	-0.674	±0.709	±0.863		-0.859	+0.636	+0.800	
ASL	716	-0.106	±0.709	±0.863		-0.826	+0.636	+0.800	

The industry plots, that can be viewed from the TMC Website on the internet, reflect the current industry alarm status. If you have any questions, feel free to contact the TMC.



Industry Alarm Notification: L601

From: Scott D. Parke

Date: 20130423 11:28

The following industry alarm changes were observed while control charting the most recent test reported to the Test Monitoring Center:

Parameter	nsize	Zi Value	Zi Warning Limit	Zi Action Limit	Zi Alarm Status	Qi Value	Qi Warning Limit	Qi Action Limit	Qi Alarm Status
VISI	717	0.975	±0.709	±0.863	Action	-0.03	+0.636	+0.800	
PEN	717	0.986	±0.709	±0.863	Action	-0.558	+0.636	+0.800	
TOL	717	0.896	±0.709	±0.863	Action	0.073	+0.636	+0.800	
ACV	717	-0.638	±0.709	±0.863		-0.882	+0.636	+0.800	
ASL	717	-0.286	±0.709	±0.863		-0.545	+0.636	+0.800	

The Industry plots, that can be viewed from the TMC Website on the internet, reflect the current industry alarm status.

If you have any questions, feel free to contact the TMC.



Industry Alarm Notification: L601

From: Scott D. Parke

Date: 20130429 10:05

The following industry alarm changes were observed while control charting the most recent test reported to the Test Monitoring Center:

Parameter	nsize	Zi Value	Zi Warning Limit	Zi Action Limit	Zi Alarm Status	Qi Value	Qi Warning Limit	Qi Action Limit	Qi Alarm Status
VISI	719	0.82	±0.709	±0.863	Warning	-0.026	+0.636	+0.800	
PEN	719	1.025	±0.709	±0.863	Action	-0.786	+0.636	+0.800	
TOL	719	1.129	±0.709	±0.863	Action	-0.422	+0.636	+0.800	
ACV	719	-0.633	±0.709	±0.863		-1	+0.636	+0.800	
ASL	719	-0.449	±0.709	±0.863		-0.386	+0.636	+0.800	

The industry plots, that can be viewed from the TMC Website on the Internet, reflect the current industry alarm status. If you have any questions, feel free to contact the TMC.