



Address 100 Barr Harbor Drive
PO Box C700
W. Conshohocken, PA
19428-2959 | USA

Phone 610.832.9500
Fax 610.832.9666
Web www.astm.org

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
First Vice-Chairman: BEN R. BONAZZA, 3457 WOODVALLEY DRIVE, LAPEER, MI 48446 (810) 664-6769 e-mail: bbonazza@charter.net
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
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
Second Secretary: MICHAEL A. COLLIER, Petroleum Analyzer Co. LP, PO Box 206, Wilmington, IL 60481, (815) 458-0216, Fax: (815) 458-0217, e-mail: Michael.collier@pacpl.com
Staff Manager: DAVID R. BRADLEY, (610) 832-9681, Fax: (610) 832-9668, e-mail: dbradley@astm.org

February 21st, 2014

Reply to:
Chris Prengaman
The Lubrizol Corporation
29400 Lakeland Blvd.
Wickliffe, OH 44092
(440) 347-4225
(440) 347-2377 (FAX)
crpr@lubrizol.com

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:

- **February 12th , 2013 Next Generation Hardware Task Force Meeting; Cranberry, PA.**

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
PRI Headquarters, Cranberry PA
February 12th, 2014 Meeting

Attendees:

Voting Members in **BOLD**

Gottwald, Thomas – Afton Chemical

Bell, Don – Afton Chemical

Charley, Jay – Afton Chemical

Dharte, John – American Axle Manufacturing

Parke, Scott – ASTM TMC

Clark, Jeff – ASTM TMC

Zakarian, Jack - Chevron

Mosher, Donna – Eaton

Smith, Dale – Intertek Automotive Research

Trader, Angela – Intertek Automotive Research

Pregaman, Chris – Lubrizol

Gropp, Jerry – Lubrizol

Bubonic, Brad – Lubrizol

Umerley, Matt – Lubrizol

Koehler, Brian – Southwest Research Institute

Warden, Rebecca – Southwest Research Institute

Comfort, Allen – US Army RDECOM/TARDEC

Dwornick, Bridget – US Army RDECOM/TARDEC

The meeting was called to order at 1400 EST.

1.0 Agenda Review

The agenda was reviewed

3.0 Update

C. Pregaman shared an update on what happened at the January 30th Meeting.

4.0 Data Update

The group discussed testing of pieces in both heat treat and the Lubriting process.

The group discussed Lubriting a few of the current ring and pinions to allow for evaluation of lubrited hardware before the main batch is manufactured.

Order numbers were shared with the group.

A few items were discussed and verbally agreed upon:

Heat treat – 1 per heat inspected

Lubriting – first, last and some in the middle depending on batch size inspected

All parts verified on the single flank inspector

Serialized ring and pinions

C. Prengaman shared a project timeline outlining potential paths to get the test to completion.

J. Chalkley will be leading a sub-team to outline build instructions and replacement housing.

The group discussed how to document a build manual.

J. Clark shared that examples exist for a build manual to be referenced in the procedure and then exist in the TMC hands. That document can outline how it can be updated – and is generally easier to update rather than going through the typical ASTM balloting process. This is used with build manuals get very large and are inappropriate to fit inside the ASTM procedure.

The ramp times were discussed, the group felt it may be best just to set upper limit on ramp times to allow each lab to have flexibility on their ramp strategy.

A. Trader asked to ensure a rust preventative was being used.

Motion: Rebecca Warden to replace Brian Koehler as the voting member from Southwest Research Institute

T. Gottwald 1st D. Smith 2nd Approved unanimously by voice vote.

5.0 Adjournment

Motion to adjourn .

Respectfully Submitted
Chris Prengaman

L-37-1Hardware Taskforce Meeting

February 12th, 2014
3pm EST
Meeting, PRI Headquarters, Cranberry, PA

Agenda

1. Call to order/Agenda review
2. 1/30/14 Update
3. Mid Process Inspection
 - a. Heat Treat
 - b. Lubrited
4. Quote
 - a. Non-Lubrited
 - b. Lubrited
5. Build Instructions/Procedure Sub-team (Jay Chalkley – Afton)
6. Replacement Housing Sub-team (
7. Test Matrix
8. Hardware Orders
9. Visits
 - a. Gleason
 - b. Custom Coatings
 - c. Lab Visits / Audits
 - d. Build Workshops
10. Procedure
11. New Business

Call in number → **216-706-7052 code 324160**

ASTM L-37-1 Hardware Taskforce Membership / Sign In List
 Meeting Date: February 12th, 2014

Initials*	Name	Voting Status	Company Name & Address	Phone/Email Info
	Atthey, Allison	Voting	Volvo GGT 13302 Pennsylvania Avenue Hagerstown, Maryland 21740	Phone: 301-573-6684 Fax: E-Mail: allison.aththey@volvo.com
	Banas, Rob	Voting	ExxonMobil Fuels, Lubraicnts & Specialties 114 Arcadia Park Dr. Canton, GA 30114	Phone: 678-493-3930 Fax: E-Mail: rob.a.banas@exxonmobil.com
DRB	Bell, Don	Non Voting	Afton Chemical 500 Spring Street Richmond, VA 23219	Phone: 804-788-6332 Fax: 804-788-6243 E-Mail: don.bell@afonchemical.com
	Boschert, Tom	Non Voting	Afton Chemical 500 Spring Street Richmond, VA 23219	Phone: 804-788-5202 Fax: E-Mail: tom.boschert@afonchemical.com
BRBV	Bubonic, Brad	Non Voting	The Lubrizol Corporation 29400 Lakeland Boulevard Wickliffe, Ohio 44092	Phone: 440-347-5325 Fax: E-Mail: brad.bubonic@lubrizol.com
JRE	Clark, Jeff	Non Voting	ASTM Test Monitoring Center 6555 Penn Avenue Pittsburgh, Pennsylvania 15206	Phone: 412-365-1032 Fax: 412-365-1047 E-Mail: jac@astmtmc.cmu.edu
	Chambers, Harold	Non-Voting	Linamar DriveLine Systems 26555 Evergreen Rd 48076 Southfield	Phone: 248-358-6038 Fax: E-Mail: hchambers@linamar.com
ALC	Comfort, Allen	Voting	US Army RDECOM/TARDEC 6501 East 11 Mile road Warren, MI 48397-5000	Phone: 586-282-4225 Fax: 586-282-4244 E-Mail: allen.s.comfort.civ@mail.mil
JD	Dharte, John	Voting	American Axle & Manufacturing 1 Dauch Drive Detroit, MI 48211	Phone: 313-758-4687 Fax: 313-758-4237 E-Mail: Dhartej@aam.com
BD	Dwornick, Bridget	Non-Voting	US Army RDECOM/TARDEC 6501 East 11 Mile road Warren, MI 48397-5000	Phone: 586-282-4221 Fax: 586-282-4244 E-Mail: bridget.dwornick@us.army.mil

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Initials*	Name	Voting Status	Company Name & Address	Phone/Email Info
	Farber, Frank	Non Voting	ASTM Test Monitoring Center 6555 Penn Avenue Pittsburgh, Pennsylvania 15206	Phone: 412-365-1030 Fax: 412-365-1047 E-Mail: frf@astmtmc.cmu.edu
	Foeking, Brian	Non Voting	The Lubrizol Corporation 29400 Lakeland Boulevard Wickliffe, Ohio 44092	Phone: 440-347-2130 Fax: 440-347-9011 E-Mail: brian.foeking@lubrizol.com
	Gao, Hong	Non-Voting	Conoco Phillips 100 s Pine St. Ponca City, OK 74602	Phone: 580-767-2126 Fax: 580-767-4534 E-Mail: hong.gao@conocophillips.com
<i>TG</i>	Gottwald, Thomas	Voting	Afton Chemical 500 Spring Street Richmond, VA 23219	Phone: 804-788-5230 Fax: E-Mail: thomas.gottwald@aftonchemical.com
	Greene, Galen	Voting	BASF	Phone: 1-973-245-5509 Fax: E-Mail: Galen.Greene@basf.com
<i>JLH</i>	Gropp, Jerry	Non Voting	The Lubrizol Corporation 29400 Lakeland Boulevard Wickliffe, Ohio 44092	Phone: 440-347-1223 Fax: E-Mail: JLG@lubrizol.com
	Guzikowski, Joe	Voting	Dana Corporation 3939 Technology Drive Maumee, OH 43537	Phone: 419-887-3425 Fax: E-Mail: joe.guzikowski@dana.com
	Hamilton, Larry	Non Voting	The Lubrizol Corporation 29400 Lakeland Boulevard Wickliffe, Ohio 44092	Phone: 440-347-2326 Fax: 440-347-2878 E-Mail: ldha@lubrizol.com
	Hobson, Kevin	Non Voting	Afton Chemical 500 Spring Street Richmond, VA 23218	Phone: 804-788-5307 Fax: E-Mail: kevin.hobson@aftonchemical.com
	Keisler, Mark	Non Voting	Afton Chemical 500 Spring Street Richmond, VA 23218	Phone: 804-788-5617 Fax: 804-788-6358 E-Mail: @aftonchemical.com

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Initials*	Name	Voting Status	Company Name & Address	Phone/Email Info
	Huron, John	Non Voting	Chevron Oronite Company LLC Suite 210 San Antonio, Texas 78228-1374	Phone: 210-731-5609 Fax: 210 731 5699 E-Mail: huron@chevrontexaco.com



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Initials*	Name	Voting Status	Company Name & Address	Phone/Email Info
	Jackson, Matt	Non Voting	Southwest Research Institute PO Drawer 28510 San Antonio, Texas 78228-0510	Phone: 210-522-6981 Fax: 210-522-6858 E-Mail: matt.jackson@swri.org
	Kanga, Percy	Non Voting	ExxonMobil Research & Engineering 600 Billingsport Road Pauisboro, New Jersey 08066	Phone: 856-224-2094 Fax: 856-224-3613 E-Mail: percy.r.kanga@exxonmobil.com
	Kearney, Bill	Non Voting	Afton Chemical Southfield, MI	Phone: Fax: E-Mail:
BK	Koehler, Brian	Voting	Southwest Research Institute PO Drawer 28510 San Antonio, Texas 78228-0510	Phone: 210-522-3588 Fax: 210-684-7523 E-Mail: bkoehler@swri.org
	Lind, Don	Non Voting	ASTM Test Monitoring Center 6555 Penn Avenue Pittsburgh, Pennsylvania 15206	Phone: 412-365-1034 Fax: 412-365-1047 E-Mail: dml@astmtmc.cmu.edu
	Lochte, Michael	Non Voting	Southwest Research Institute PO Drawer 28510 San Antonio, Texas 78228-0510	Phone: 210-522-5430 Fax: 210-684-7523 E-Mail: Mlochte@swri.org
	Marougy, Thelma	Voting	Eaton Corporation 26201 Northwestern Highway Southfield, MI 48076	Phone: 248-226-6985 Fax: 248-226-2739 E-Mail: thelmaemarougy@eaton.com
BK	McGlone, Bruce	Voting	Meritor Automotive 2135 West Maple Troy, Michigan 48084	Phone: 248-435-9929 Fax: 248-435-9902 E-Mail: Bruce.McGlone@Meritor.com
	Muransky, Troy	Non Voting	Meritor Automotive 2135 West Maple Troy, Michigan 48084	Phone: 248-435-1401 Fax: 248-435-6602 E-Mail: troy.muransky@Meritor.com
DM	Mosher, Donna	Non Voting	Eaton Corporation 26201 Northwestern Highway Southfield, MI 48034	Phone: 269-342-3039 Fax: E-Mail: donnammosher@eaton.com

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	O'Brien, Cheryl	Non Voting	General Motors 823 Joslyn Ave. Pontiac, MI 48340-2925	Phone: 248-343-7347 Fax: 248-676-7146 E-Mail: cheryl.obrien@gm.com
	Pappademos, Lou	Non Voting	Dana Corporation Fort Wayne, IN	Phone: Fax: lou.pappademos@dana.com E-Mail:
	Parke, Scott	Voting	ASTM Test Monitoring Center 6555 Penn Avenue Pittsburgh, Pennsylvania 15206	Phone: 412-365-1036 Fax: E-Mail: sdp@astmtmc.cmu.edu
	Prenngaman, Chrs	Voting/Chair	The Lubrizol Corporation 29400 Lakeland Boulevard Wickliffe, Ohio 44092	Phone: 440-347-4225 Fax: E-Mail: chrs.prenngaman@lubrizol.com
	Radonich, Peter	Non Voting	The Lubrizol Corporation 29400 Lakeland Boulevard Wickliffe, Ohio 44092	Phone: 440-347-2184 Fax: 440-347-9011 E-Mail: peter.radonich@lubrizol.com
	Recinos, Will	Non Voting	Afton Chemical 500 Spring Street Richmond, VA 23218	Phone: 804-788-5323 Fax: E-Mail: william.recinos@aftonchemical.com
	Sanchez, Art	Non Voting	Southwest Research Institute PO Drawer 28510 San Antonio, Texas 78228-0510	Phone: 210-522-3445 Fax: 210-680-1777 E-Mail: asanchez@swri.org
	Smith, Dale	Voting	Intertek Automotive Research 5404 Banderera Rd San Antonio, Texas	Phone: 412-855-6854 Fax: 210-684-6074 E-Mail: Dale.Smith@intertek.com
	Song, HaiQing	Non Voting	Research Institute of Petroleum Processing No. 18, XueYan Road, PO Box 914-19 Beijing 10083 P.R. China	Phone: 011-86-10-8236-8182 Fax: 011-86-10-6231-1290 E-Mail: songhq@riip-sinopec.com
	Sullivan, Bill	Non Voting	William T. Sullivan, Inc. 5 Scheiber Drive Brick, NJ 08723	Phone: 908-930-3512 Fax: 267-220-7750 E-Mail: wtsullivan@comcast.net

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	Suresh, Arunya	Non Voting	BASF	Phone: 914-262-8715 Fax: E-Mail: arunya.suresh@basf.com
AM	Trader, Angela	Non Voting	Intertek Automotive Research 5404 Bandera Rd San Antonio, Texas	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: mue@lubrizol.com
	Xie, JingChun	Non Voting	Lanzhou Lube Oil R&D Institute No. 369 Yumen Street, XiGu District Lanshou 730060, Gansu Province P.R. China	Phone: 011-86-931-793-3713 Fax: 011-86-139-9319-2560 E-Mail: xiejingchun_fhy@petrochina.com.cn
JR	Zakarian, Jack	Voting	Chevron Products 100 Chevron Way Richmond, CA 94802	Phone: 510-242-3595 Fax: 510-242-3758 E-Mail: jaza@chevron.com
	Zreik, Khaled	Voting	General Motors 823 Joslyn Ave Pontiac, MI 48340-2925	Phone: 248-977-9214 Fax: 248-857-2550 E-Mail: khaled.zreik@gm.com
	Warden, Rebecca	Voting	Schwartz Research Institute	Phone: 210-522-6266 Fax: E-Mail: Rebecca.Warden@SRI.org
JWC	JAY CARTER	N/V	AFTON CHEMICAL	Phone: Fax: E-Mail: JREEDS.CARTER@AFTONCHEMICAL.COM
				Phone: Fax: E-Mail:

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