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Committee D02 on PETROLEUM PRODUCTS AND LUBRICANTS

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May 18th, 2009

Reply to:
Galen Greene
The Lubrizol Corporation
29400 Lakeland Blvd.
Wickliffe, OH 44092
(440) 347-2394
(440) 347-2878 (FAX)
ggre@lubrizol.com

ASTM D02.B0.03 L-37 Surveillance Panel
Members and Guests:

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

- **May 13th, 2009 L-37 Surveillance Panel Meeting conducted at the US Army TACOM Facility in Warren, MI.**

Please direct any corrections or comments to my attention.

Sincerely,

Galen Greene, Chairman
L-37 Surveillance Panel

**Report of Meeting
L-37 Surveillance Panel Meeting
US Army TACOM
Warren, MI**

May 13, 2009

Attendees:

Dana -	Miller (TC) , Guzikowski (TC), Papodemous (TC)
SwRI -	Koehler
Lubrizol -	Bartlett (TC), Gropp, Greene , Graziano
Afton -	Koglin , Higuchi
Intertek-Parc -	Smith
TMC -	Lind
Chevron -	Haire (TC)
US Army -	Comfort , Brosnan
AAM -	Dharte
Eaton -	Marougy
Arvin Meritor -	McGlone

TC = Teleconference

Voting Members in **BOLD**

The meeting was called to order at 2:15pm.

1.0 Approval of Minutes:

- **February 19, 2009 SP Meeting.**

Motion # 1 → Mr. Koehler/second Mr. Koglin to approve the minutes as presented. Motion for approval was passed with a vote of 8 for, 0 opposed, and 1 abstention.

2.0 Summary of Meeting Discussions

2.1 Retrofit Hardware Update –

Papodemous – Dana is in the process of making final adjustments to gear sets. The samples will be cut by the end of the week. Fire checks looked good for both ring and pinion. Best guess on timing for shipment to the labs is mid-June.

2.2 Review of Pilot Batch Test Matrix

The panel did a brief review of the approved pilot batch test matrix. The matrix is shown in attachment 1.

3.0 Adjournment

Motion to adjourn → Mr. Koglin/second Mr. Smith

Meeting Adjourned at 2:40pm

The next meeting will be a HTF teleconference meeting on **Thursday, May 28th, 2009 at 10am EST**. Call in number is **608-250-0194 code 324160**.

Respectfully submitted,



Galen Greene

L-37 Surveillance Panel Chairman



D02.B0.03

L-37 Surveillance Panel Meeting

5/13/09
2:30 pm – 4:00 pm
US Army – TACOM
Warren, MI
Galen Greene



D02.B0.03

L-37 Surveillance Panel Meeting

Agenda

- I. Call to Order
- II. Membership Review
- III. Approval of Meeting Minutes
 - i. 2/19/09 SP Teleconference
- IV. Update from Dana Regarding Pilot Hardware Progress
- V. Review Pilot Batch test matrix
- VI. New Business
- VII. Adjournment

5/13/2009

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Attachment	1
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Reference	_____



Membership Review

- | | |
|----------------|-------------------------------------|
| Galen Greene | The Lubrizol Corporation (Chairman) |
| Tom Bryson | Volvo Power Train Corporation |
| Allen Comfort | AMSTA-TR-D/210 US Army Tacom-Tardec |
| John Dharte | American Axle & Manufacturing |
| Mike Haire | Chevron Global Lubricants |
| Brian Koehler | Southwest Research Institute |
| Cory Koglin | Afton Chemical Company |
| Kenny Miller | Dana Corporation |
| Don Lind | ASTM Test Monitoring Center |
| Thelma Marougy | Eaton Corporation |
| Bruce McGlone | ArvinMeritor Materials Engineering |
| Dale Smith | Intertek-PARC Technical Services |

Total 12 Voting Members



Pilot Batch Test Matrix

- 20 total axles will be built at Maumee
 - 10 lubrited
 - 10 non-lubrited

• Test Matrix:

	Lubrited	Non-Lubrited
TMC152	2	2
TMC153	2	2
TMC155	2	2
TMC134	1	1

- 6 axles left over (3 NL, 3 L)
- We must not allow mixing of Lubrited and Non-Lubrited parts during rebuild



Pilot Batch Test Matrix

Non-Lubrited

SwRI

	Oil	Axles Shipped
1	TMC155	3
2	TMC152-1	

Lubrizol

	Oil	Axles Shipped
1	TMC155	3
2	TMC153-1	
3	TMC134	

Afton

	Oil	Axles Shipped
1	TMC152-1	4
2	TMC153-1	

5/13/2009

Lubrited

SwRI

	Oil	Axles Shipped
1	TMC134	3
2	TMC152-1	

Lubrizol

	Oil	Axles Shipped
1	153-1	2

Afton

	Oil	Axles Shipped
1	TMC155	2
2	TMC153-1	

Intertek PARC

	Oil	Axles Shipped
1	TMC155	3
2	TMC152-1	

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Attachment
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 Reference

B

Attachment **2**
 Page **1055**
 Reference

ASTM L-37 Surveillance Panel Membership/Mailing List

Meeting Date: May 13, 2009

Initials*	Name	Voting Status	Company Name & Address	Phone/Email Info
	Agusti, Rachel	Non Voting	AMSTA-TR-D/210 Tank Automotive & Armament 6501 East 11 Mile road Warren, MI 48397-5000	Phone: 586-574-4222 Fax: 586-574-4244 E-Mail: rachel.agusti@us.army.mil
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	Bell, Don	Non Voting	Afton Chemical 500 Spring Street Richmond, VA 23219	Phone: 804-788-6332 Fax: 804-788-6243 E-Mail: don.bell@aftonchemical.com
	Bryson, Tom	Voting	Mack Trucks 13302 Pennsylvania Avenue Hagerstown, Maryland 21740	Phone: 301-790-6744 Fax: 301-790-5605 E-Mail: thomas.bryson@volvo.com
A.C.	Comfort, Allen	Voting	AMSTA-TR-D/210 RDTA-PD/MS110 Tank Automotive & Armament 6501 East 11 Mile road Warren, MI 48397-5000	Phone: 586-574-4225 Fax: 586-574-4244 E-Mail: allen.s.confort@us.army.mil
JAB	Dharte, John	Voting	American Axle & Manufacturing 2965 Technology Drive Rochester Hills, MI 48309-3589	Phone: 248-299-6478 Fax: 248-299-6945 299-6581 E-Mail: Dhartej@aam.com
	Eliot, Stephen	Non Voting	ExxonMobil Lubricants & Specialties 18486 Lanier Island Sq. Leesburg, Virginia 20176	Phone: 703-669-9916 Fax: 703-669-9917 E-Mail: stephen.w.eliot@exxonmobil.com
	Farber, Frank	Non 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

* Initial to indicate attendance at meeting

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	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
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<i>TC</i>	Haire, Mike	Voting	Chevron Global Lubricants 100 Chevron Way, Rm 71-7302 Richmond, California 94802	Phone: 510-242-2740 Fax: 510-242-3758 E-Mail: mhaire@chevron.com
<i>SH</i>	Higuchi, Sam	Non Voting	Afton Chemical 500 Spring Street Richmond, VA 23218	Phone: 804-788-5375 Fax: 804-788-6358 E-Mail: samuel.higuchi@aftonchemical.com
	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: huro@chevrontexaco.com
	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

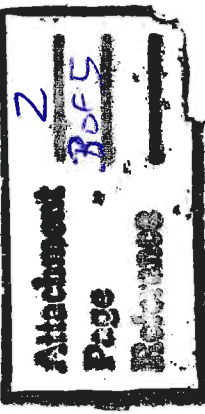
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	Marougy, Thelma	Voting	Eaton Corporation 26201 Northwestern Highway Southfield, MI 48034	Phone: 248-226-6985 Fax: 248-226-2739 E-Mail: thelma.marougy@eaton.com
	Martin, Dan	Non Voting	The Lubrizol Corporation 29400 Lakeland Boulevard Wickliffe, Ohio 44092	Phone: 440-347-4723 Fax: 440-347-2878 E-Mail: dan.martin@lubrizol.com
	McGlone, Bruce	Voting	Meritor Automotive 2135 West Maple Troy, Michigan 48084	Phone: 248-435-9929 Fax: 248-435-1411 E-Mail: Bruce.McGlone@ArvinMeritor.com

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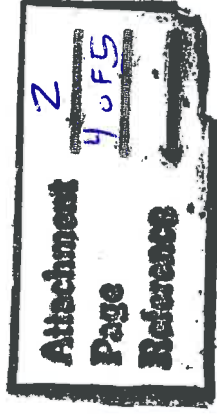


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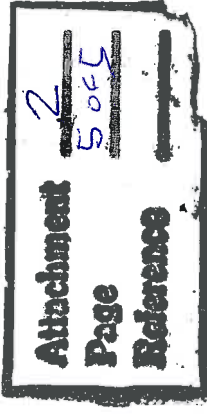
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	Sullivan, Bill	Non Voting	William T. Sullivan, Inc. 5 Scheiber Drive Brick, NJ 08723	Phone: 908-930-3512 Fax: 267-220-7750 E-Mail: wtsullivan@comcast.net
	Xie, JingChun	Non Voting	Lanzhou Lube Oil R&D Institute No. 369 Yumen Street, XiGu District Lanshou 730060, GanSu Province P.R. China	Phone: 011-86-931-793-3713 Fax: 011-86-139-9319-2560 E-Mail: songhq@ripp-sinopec.com

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	Joe Guibertowski	NON		Phone: Fax: E-Mail:
				Phone: Fax: E-Mail:
				Phone: Fax: E-Mail:
				Phone: Fax: E-Mail:

* Initial to indicate attendance at meeting