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Committee D02 on PETROLEUM PRODUCTS AND LUBRICANTS

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February 10th, 2023

Reply to:
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ASTM D02.B0.03 L-42 Surveillance Panel
Members and Guests:

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

February 8, 2023 L-42 Surveillance Panel Meeting (PRI Headquarters, Warrendale, PA and Virtual Meeting – Microsoft Teams)

Please direct any corrections or comments to my attention.

Very Respectfully,

Matt Sangpeal, Chairman
L-42 Surveillance Panel

L-42 Surveillance Panel Meeting Minutes

PRI Headquarters, Warrendale, PA and Virtual Meeting – Microsoft Teams

February 8, 2023

Attendees: voting members in **bold**, * indicates virtual attendance

N. Ariemma (Lubrizol)	T. Haynes (IPAC)*	M. Portell (Intertek)*
R. Banas (Exxon-Mobil)	D. Horvath (Afton)*	M. Sangpeal (Afton/C)
D. Beck (TMC)	A. Jackson (Oronite)	E. Sattler (US Army)
D. Bell (Afton)	J. LaBond (Cummins-Meritor)*	N. Schaup (LZ)
T. Bender (Fuchs)	A. Lange (Intertek)	A. Schweitzer (Shell)
M. Caridi (BASF)	C. Louis (SwRI)*	D. Uy (Shell)
J. Carter (Cummins-Meritor)	J. Morris (Navistar)	W. Venhoff (LZ)*
A. Comfort (US Army)	D. Moser (BASF)	R. Warden (Oronite)
K. Drlja (Lubrizol)	T. Muransky (AAM)	G. Zarins (AAM)*
A. Goyal (BASF)		A. Zyski (Dana)

Call to Order

Review of Agenda

The meeting agenda is attached.

Review of Membership

R. Warden to be added as a voting member.

A motion was made to add R. Warden to the list of voting members.

Motion: M. Sangpeal

Second: J. Carter

All in favor, no objections, no abstentions.

Approval of Meeting Minutes

Meeting minutes for approval:

▲ “20221109_SP” → November 9, 2022 – Surveillance Panel Meeting – Plymouth, MI

A motion was made to approve the meeting minutes as presented.

Motion: M. Sangpeal

Second: A. Zyski

All in favor, no objections, no abstentions.

L-42-1 Development

C. Louis gave a brief update on SwRI's progress on electric L-42-1 test development. One donated axle was found to be defective and unusable. The lab who supplied that axle will send one more to replace it.

2023 Hardware Order

M. Sangpeal gave an update on Dana's progress with the next hardware order. Axles are expected to be assembled in early June, 2023. A pilot batch of 10 axles will be split between the three labs who ordered hardware. Each lab will run the pilot batch axles on their test stands and report results to Dana as quickly as possible. The next scheduled update with Dana will be in early May, 2023.

New/Open Issues

None.

Adjournment

A motion was made to adjourn.

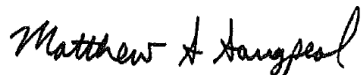
Motion: M. Sangpeal

Second: A. Comfort

All in favor, no objections, no abstentions.

Meeting adjourned.

Respectfully submitted,



Matt Sangpeal

L-42 Surveillance Panel Chairman



L-42 Surveillance Panel Meeting

ASTM D7452

PRI Headquarters

Warrendale, PA

February 8, 2023












1:30 PM – 2:00 PM EDT

Passion for Solutions™

Agenda

- ▲ **Call to Order**
- ▲ **Agenda**
- ▲ **Membership Review & Update**
- ▲ **Approval of Meeting Minutes**
 - ▲ 20221109 SP Meeting – IAR: Plymouth, MI
- ▲ **L-42-1 Development Updates**
 - ▲ Update from SwRI
- ▲ **2023 Hardware Order**
- ▲ **New Issues**
- ▲ **Adjournment**

L-42 SP Voting Members

 Rob Banas:	ExxonMobil
 Dylan Beck:	TMC
 Allen Comfort:	US Army
 Arjun Goyal:	BASF
 Troy Muransky:	AAM
 Jason Carter:	Cummins-Meritor
 Matt Sangpeal:	Afton Chemical (Chair)
 Robert Slocum:	Lubrizol
 Anthony Lange:	Intertek
 Caroline Louis:	SwRI
 Amy Zyski:	Dana

Approval of Meeting Minutes

SP Meeting Minutes

- ▲ “20231109_SP” → November 9, 2022 – Surveillance Panel Meeting – IAR, Plymouth, MI and Virtual Meeting via Microsoft Teams

L-42-1 Development Update

 **Quick update from SwRI on progress**

 **Donated axles**

▲ Need more?

 **Next steps?**

2023 Hardware Order: Recap

- ▲ **Three labs will purchase hardware in 2023**
- ▲ **\$3266 each (~35% increase from 2020)**
- ▲ **650 total axles ordered**
- ▲ **8-month lead time from receipt of POs**
- ▲ **Dana will be using a different steel supplier and a different forge facility**
 - ▲ Dana has worked with both suppliers in the past, just not with L-42 hardware
 - ▲ Same team within Dana will be managing order

2023 Hardware Order

02/06/2023 Update Conference Call

- ▲ Weekly meetings w/in Dana to keep project moving forward
- ▲ Steel for forgings located, due to arrive at Dana Ft. Wayne plant May 1
- ▲ Tubing due to arrive at Dana Lafayette plant May 1
- ▲ All material expected at Dana Lugoff by June 1
 - Assembly to begin June 5
 - ~2 working weeks to build axles
 - All other assembly will halt during build process
- ▲ Build and ship by end of June
 - Pilot batch of 10 will go to one lab
 - Need to decide which one
 - Set up overnight shipment to validate hardware
- ▲ Dana will continue to monitor steel shipments and update as needed
- ▲ Next update meeting in ~2 months

New Issues



Thanks!



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PRI Headquarters, Warrendale, PA and Microsoft Teams Virtual Meeting
February 8, 2023

Present	Name	Voting Non-Voting	Company Name Company Address	Contact information	
	Aguirre, Nancy	NV	Intertek Automotive Research	Phone:	
			5404 Bandera Rd. San Antonio, TX 78238	E-mail:	nancy.aguirre@intertek.com
NK	Ariemma, Nick	NV	The Lubrizol Corporation	Phone:	
			29400 Lakeland Boulevard Wickliffe, OH 44092	E-mail:	Nick.Ariemma@Lubrizol.com
PAB	Banas, Rob	V	ExxonMobil Product Solutions	Phone:	678-493-3930
			535 Thomas Lane Waleska, GA 30183	E-mail:	rob.a.banas@exxonmobil.com
DB	Beck, Dylan	V	ASTM Test Monitoring Center	Phone:	724-355-1854
			203 Armstrong Drive Freeport, PA 16229	E-mail:	djb@astmtmc.org
DB	Bell, Don	NV	Afton Chemical	Phone:	804-788-6332
			500 Spring St. Richmond, VA 23219	E-mail:	don.bell@aftonchemical.com

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Present	Name	Voting Non-Voting	Company Name Company Address	Contact information	
TB	Bender, Tobias	NV	Fuchs Lubricants	Phone:	708-737-1681
			17050 Lathrop Ave Harvey, IL 60426	E-mail:	Tobias.Bender@fuchs.com
	Camposo, Lucas	NV	Evonik	Phone:	215-706-5809
			723 Electronic Dr Horsham, PA 19044	E-mail:	lucas.camposo@evonik.com
MC	Caridi, Margaret	NV	BASF	Phone:	914-785-2336
			500 White Plains Rd Tarrytown, NY 10591	E-mail:	margaret.caridi@basf.com
JC	Carter, Jason	V	Cummins-Meritor	Phone:	248-435-1544
			2135 W. Maple Rd Troy, MI 48084	E-mail:	Jason.Carter@meritor.com
	Cereghino, Brian	NV	IPAC Inc.	Phone:	
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Present	Name	Voting Non-Voting	Company Name Company Address	Contact information	
	Charron, Michael	NV	Southwest Research Institute	Phone:	832-444-2180
			6220 Culebra Rd. San Antonio, TX 78238	E-mail:	michael.charron@swri.org
	Clark, Jeff	NV	ASTM Test Monitoring Center	Phone:	412-365-1032
			203 Armstrong Drive Freeport, PA 16229	E-mail:	jac@astmtmc.org
<i>A.L.</i>	Comfort, Allen	V	US Army CCDC	Phone:	586-282-4225
				E-mail:	allen.s.comfort.civ@army.mil
<i>K.D.</i>	Drlja, Kristijan	NV	The Lubrizol Corporation	Phone:	440-391-6374
			29400 Lakeland Boulevard Wickliffe, OH 44092	E-mail:	krdr@lubrizol.com
<i>Arjun</i>	Goyal, Arjun	V	BASF	Phone:	914-785-2083
			500 White Plains Rd Tarrytown, NY 10591	E-mail:	arjun.goyal@basf.com

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	Grundza, Rich	NV	ASTM Test Monitoring Center	Phone:	412-365-1031
			203 Armstrong Drive Freeport, PA 16229	E-mail:	reg@astmtmc.org
Virtual	Haynes, Troy	NV	IPAC Inc.	Phone:	
				E-mail:	thaynes@ipac-inc.com
Virtual	Horvath, Dan	NV	Afton Chemical	Phone:	248-514-2551
			2000 Town Center, Suite 1160 Southfield, MI 48075	E-mail:	dan.horvath@aftonchemical.com
	Jordan, Brad	NV	Shell	Phone:	804-516-1238
			2084 Ditchley Rd VA 22482	E-mail:	brad.jordan@shell.com
	Joy, Tisha	NV	BASF	Phone:	914-785-2206
				E-mail:	tisha.joy@basf.com

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Present	Name	Voting Non-Voting	Company Name Company Address	Contact information	
	Kanga, Percy	NV	Exxon Mobil (Retired)	Phone:	
				E-mail:	
	Kostan, Travis	NV	Southwest Research Institute	Phone:	210.522.2407
				E-mail:	travis.kostan@swri.org
<i>Virtual</i>	LaBond, Jessica	NV	Cummins-Meritor	Phone:	248-872-3055
			2135 W. Maple Rd Troy, MI 48084	E-mail:	Jessica.LaBond@meritor.com
<i>AV</i>	Lange, Anthony	V	Intertek Automotive Research	Phone:	210-634-1103
			5404 Bandera Rd. San Antonio, TX 78238	E-mail:	anthony.lange@intertek.com
<i>CC</i>	Louis, Caroline	V	Southwest Research Institute	Phone:	210-522-2671
			6220 Culebra Rd. San Antonio, TX 78238	E-mail:	caroline.louis@swri.org

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JM	Morris, Jeanelle	NV	Navistar	Phone:	331-332-1661
			2701 Navistar Dr Lisle, IL 60532	E-mail:	jeanelle.morris@navistar.com
MM	Mosher, Donna	NV	BASF	Phone:	269-217-1715
			100 Park Ave Florham Park, NJ 07932	E-mail:	donna.mosher@basf.com
TM	Muransky, Troy	V	AAM	Phone:	734-564-8406
			1840 Holbrook Detroit, MI	E-mail:	troy.muransky@aam.com
	Neil, Suzanne	NV	Daimler Trucks/Detroit Diesel	Phone:	
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MD	Sangpeal, Matt	V/Chair	Afton Chemical	Phone:	804-788-5364
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ES	Sattler, Eric	NV	CCDC-GVSC	Phone:	586-282-2272
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	Schaup, Nick	NV	The Lubrizol Corporation	Phone:	
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ast	Schweitzer, Addison	NV	Shell	Phone:	346-549-2481
				E-mail:	Addison.Schweitzer@shell.com
	Slocum, Robert	V	The Lubrizol Corporation	Phone:	440-347-5102
			29400 Lakeland Boulevard Wickliffe, OH 44092	E-mail:	robert.slocum@lubrizol.com
	Thrash, Steven	NV	US Army CCDC	Phone:	586-282-5170
			6501 E. 11 Mile Rd. Warren, MI 48397	E-mail:	steven.j.thrash.civ@army.mil

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DU	Uy, Dairene	NV	Shell	Phone:	281-544-6781
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Virtual	Venhoff, Wes	NV	The Lubrizol Corporation	Phone:	440-347-4879
			29400 Lakeland Boulevard Wickliffe, OH 44092	E-mail:	wes.venhoff@lubrizol.com
	Yucebilgic, Fatih	NV	Fuchs Lubricants	Phone:	708-539-0252
			17050 Lathrop Ave Harvey, IL 60426	E-mail:	fatih.yucebilgic@fuchs.com
Virtual	Zarins, George	NV	AAM	Phone:	586-854-8810
			1840 Holbrook Detroit, MI	E-mail:	george.zarins@aam.com
	Zreik, Khaled	NV	General Motors	Phone:	248-977-9214
			823 Joslyn Ave Pontiac, MI 48340-2925	E-mail:	khaled.zreik@gm.com

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	Zyski, Amy	V	Dana Incorporated	Phone:	419-887-3432
			3939 Technology Dr Maumee, OH 43537	E-mail:	amy.zyski@dana.com
Virtual	Michael Portell	NV	Intertek	Phone:	
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	Nir Schump	NV		Phone:	
				E-mail:	
	Alexander Jackson	NV	Oronite	Phone:	510-367-7511
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				Phone:	
				E-mail:	
				Phone:	
				E-mail:	
				Phone:	
				E-mail:	