

ASTM D7038 (L-33-1) MOISTURE CORROSION TEST
SURVEILANCE PANEL MEETING
August 07, 2024
Teams Meeting

Meeting Minutes

I. Call to Order

II. Approval of Minutes

May 8, 2024 LRI

Motion: Arjun Goyal

Second: Jessica Carowick

Vote: Unanimous

III. Business

a. Membership review Voting Members

Name	Company
Banas, Rob	ExxonMobil
Beck, Dylan	TMC
Comfort, Allen	US Army CCDC-GVSC
Schaup, Nick	Lubrizol
Goyal, Arjun	BASF
Carowick, Jessica	Cummins-Meritor
Muransky, Troy	AAM
Sangpeal, Matt	Afton
Lange, Anthony	Intertek
Mueller, Caroline	SWRI
Warden, Rebecca	Chevron Oronite
Zreik, Khaled	General Motors
Zyski, Amy	Dana

b. New Axle Batch Order

- i. The topic was raised back at the November 2023 D7038 Committee meeting to start a new order of axles for the L33-1 test. Intertek, Southwest Research Institute and Lubrizol will be participating in the batch purchase.
- ii. The potential axle batch has a few concerns relating to the changes from the current to the new type of axle. Specifically, the fact that the Carrier is in 2 sections and would have to be pressed apart. A follow up with AAM will be made to see if the T2XX axle would be an option and if they have a rebuild procedure for this axle.

ASTM D7038 (L-33-1) MOISTURE CORROSION TEST
SURVEILLANCE PANEL MEETING

August 07, 2024

Teams Meeting

c. Storage Phase Downtime Limits

- i. Currently there is no mention within the ASTM D7038 procedure of downtime limits for the storage phase of this test. The question was raised should there be limits and how would they be dealt with.
- ii. The discussion went back and forth with discussion whether it should be written similar to A6.2.1 stating no limits or how the limits would be enforced since the only critical parameter that is documented during the storage phase is the temperature. A potential option would be to state that the oven fan could be down for a certain time period, but the temperature deviation would be calculated during that period and must stay within the current 4% deviation limits. It was discussed requiring an encoder on the storage fan to add a deviation limit for that as well. No decision was reached, and it will be discussed again during the November 2024 committee meeting.

d. Motion: To update table A6.1 within ASTM D7038 to reflect the terminology in the procedure. Changing *Break-in* to *Motoring Phase* and changing *Test* to *Storage Phase*.

Motion: Anthony Lange

Second: Arjun Goyal

Vote: Unanimous

IV. Additional Discussion / Business?

- a. None

V. Summary of Action Items

- a. Follow up with AAM regarding the axles to see if a rebuild procedure is available to help with the instruction on separating the carrier halves and see if the T2XX axle would be in production.
- b. During the November 2024 Committee meeting the discussion of downtime during the Storage phase would be discussed again.

ASTM D7038 (L-33-1) MOISTURE CORROSION TEST
SURVEILANCE PANEL MEETING

August 07, 2024

Teams Meeting

VI. Adjourn:

Motion: Rebecca Warden

Second: Arjun Goyal

Vote: Unanimous

Thank you,
Anthony Lange
ASTM D-7038 Chairman

ASTM D 7038 L-33-1 SURVEILLANCE PANEL PARTICIPANTS LIST
August 7, 2024

Initials	Name	Voting V/NV	Company Name Company Address	Phone / Fax / E-Mail
NA	Ariemma, Nick	NV	Lubrizol	Phone: Fax: E-mail: Nick.Ariemma@Lubrizol.com
PAB	Banas, Rob	V	ExxonMobil 535 Thomas Lane Waleska, GA 30183	Phone: 720-833-5920 Fax: E-mail: rob.a.banas@exxonmobil.com
DB	Beck, Dylan	V	TMC 203 Armstrong Dr. Freeport, PA 16229	Phone: 724-355-1854 Fax: E-mail: djb@astmtmc.org
DB	Bell, Don	NV	Afton Chemical Corp 500 Spring Street Richmond, Virginia 23219	Phone: 804-788-6332 Fax: 804-788-6243 E-mail: don.bell@aftonchemical.com
TD	Bender, Tobias	NV	Fuchs Lubricants Harvey, IL	Phone: 708-737-1681 Fax: E-mail: Tobias.Bender@fuchs.com
Mc	Cardi, Margaret	NV	BASF	Phone: 914-785-2336 Fax: E-mail: margaret.caridi@basf.com
JK	Carowick, Jessica	V	Cummins-Meritor 2135 W. Maple Road Troy, MI 48084	Phone: 248-872-3055 Fax: E-mail: Jessica.LaBond@meritor.com
	Charron, Micheal	NV	SWRI	Phone: Fax: E-mail:
AC	Comfort, Allen	V	US Army DEVCOM-GVSC Mail Stop 110 6501 E. 11 Mile Road Warren, MI 48397-5000 AMSTA-TR-D / 210	Phone: 586-282-4225 Fax: 586-282-4244 E-mail: allen.s.comfort.civ@army.mil
	De La Fuente, Hector	NV	Oronite	Phone: Fax: E-mail: HDELAFUENTE@chevron.com
	Drjja, Kristijan	NV	The Lubrizol Corporation 29400 Lakeland Boulevard Wickliffe, Ohio 44092	Phone: 440-391-6374 Fax: E-mail: krdr@lubrizol.com
Am	Goyal, Arjun	V	BASF 500 White Plains Road Tarrytown, NY 10951	Phone: 914-785-2083 Fax: E-mail: arjun.goyal@basf.com
	Horvath, Dan	NV	Afton Chemical Corp 2000 Tower Center Southfield, MI 78075	Phone: 248-519-2551 Fax: E-mail: dan.horvath@aftonchemical.com

ASTM D 7038 L-33-1 SURVEILLANCE PANEL PARTICIPANTS LIST
August 7, 2024

Initials	Name	Voting V/NV	Company Name Company Address	Phone / Fax / E-Mail
AS	Jackson, Alexander	V	Oronite	Phone: 510-367-7541 Fax: E-mail: alexmjack@chevron.com
	Jordan, Bradley	NV	Shell	Phone: Fax: E-mail: Brad.Jordan@shell.com
	Kanga, Percy	NV	Exxon Mobil Retired	Phone: 908-335-3780 Fax: E-mail:
	Lange, Anthony Chairman	V	Intertek Automotive Research 5404 Bandera Road San Antonio, Texas 78238	Phone: Fax: E-mail: anthony.lange@intertek.com
	Lonsway, Chris	NV	The Lubrizol Corporation 29400 Lakeland Boulevard Wickliffe, Ohio 44092	Phone: 440-347-4517 Fax: E-mail: chris.lonsway@lubrizol.com
cel	Mueller, Caroline	V	Southwest Research Institute 6220 Weiber Road San Antonio, Texas 78228	Phone: 843-471-6283 Fax: E-mail: caroline.louis@swri.org
JM	Morris, Jeanelle	NV	Navistar Inc. 2701 Navistar Drive Lisle, IL 60532	Phone: 331-332-1661 Fax: E-mail: jeanelle.morris@navistar.com
DM	Mosher, Donna	NV	BASF 500 White Plains Road Tarrytown, NY 10951	Phone: 269-217-1715 Fax: E-mail: donna.mosher@basf.com
	Moyer Sean	NV	TMC 203 Armstrong Dr. Freeport, PA 16229	Phone: Fax: E-mail: sam@astmtmc.org
	Muransky, Troy	V	AAM 1840 Halbrook detroit, MI 48212	Phone: 734-564-8406 Fax: E-mail: troy.muransky@aam.com
	Neal, Suzanne	NV	Daimler Trucks NA Detroit Diesel Corp	Phone: 313-408-2843 Fax: E-mail: suzanne.neal@daimler.com
	Portell, Micheal	NV	Intertek Automotive Research 5404 Bandera Road San Antonio, Texas 78238	Phone: Fax: E-mail: Micheal.Portell@intertek.com
MS	Sangpeal, Matt	V	Afton Chemical Corp 500 Spring Street Richmond, Virginia 23219	Phone: 804-788-5364 Fax: E-mail: matt.sangpeal@aftonchemical.com

ASTM D 7038 L-33-1 SURVEILLANCE PANEL PARTICIPANTS LIST
August 7, 2024

Initials	Name	Voting V/NV	Company Name Company Address	Phone / Fax / E-Mail
ES	Sattler, Eric	NV	US Army	Phone: 586-282-2272 Fax: E-mail: eric.r.sattler.civ@army.mil
NS	Schaup, Nick	V	The Lubrizol Corporation 29400 Lakeland Boulevard Wickliffe, Ohio 44092	Phone: Fax: E-mail: Nick.Schaup@Lubrizol.com
	Schweitzer, Addison	NV	Shell	Phone: 346-549-2481 Fax: E-mail: addison.schweitzer@shell.com
	Thrush, Steven	NV	US ARMY TARDEC	Phone: 586-282-5170 Fax: E-mail: steven.j.thrush.civ@main.mil
DU	Uy, Dairene	NV	Shell	Phone: 281-544-6781 Fax: E-mail: Dairene.UY@shell.com
	Venhoff, Wes	NV	Lubrizol	Phone: Fax: E-mail:
RW	Warden, Rebecca	V	Oronite	Phone: 830-865-6771 Fax: E-mail: Rebecca.Warden@chevron.com
	Yucebilgic, Fatih	NV	Fuchs Lubricants	Phone: 708-539-0252 Fax: E-mail: fatih.yucebilgic@fuchs.com
	Zarins, George	NV	AAM 1846 Holbrook Ave Detroit, MI 48212	Phone: 586-854-8810 Fax: E-mail: george.zarins@aam.com
	Zreik, Khaled	V	General Motors	Phone: 248-977-9214 Fax: E-mail: khaled.zreik@gm.com
AY	Zyski, Amy	V	Dana	Phone: 419-887-3432 Fax: E-mail: amy.zyski@dana.com
	Jeff Clark	NV	TMC	Phone: 412-365-1032 Fax: E-mail: jac@astmtmc.org
HC	Hailey Catania	NV	Cummins	Phone: 248-435-1544 Fax: E-mail: Hailey.Catania@cummins.com

ASTM D 7038 L-33-1 SURVEILLANCE PANEL PARTICIPANTS LIST
August 7, 2024

[illegible]