



**ASTM L-60-1 (D5704) Surveillance Panel Meeting Minutes
02/19/2020**

Agenda:

- Call to Order/Agenda Review
- Membership Review
- Approve Meeting Minutes from The November 13, 2019 ASTM Meeting
- Rusty L-60 Parts Update
- LED Light Update (Dylan Beck)
- L-60-1 Drawings (Wes Venhoff)
- New Business
- Adjournment

Voting Members:

Allen Comfort	US Army
Amy Zyski	Dana
Arjun Goyal	BASF
Dale Smith	Intertek
Daniel Rabinowitz	Meritor
Dylan Beck	TMC
Kristijan Drlja	Lubrizol
Matt Sangpeal	Afton
Mike Cabaj	Linamar
Rebecca Warden	SwRI
Rob Banas	ExxonMobil
Troy Muransky	AAM



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Motion to Change Voting Members:

Daniel Rabinowitz to Jessica LaBond

Dale Smith to Anthony Lange

Motion made: Dale Smith

Second the Motion: Allen Comfort

Approve Meeting Minutes:

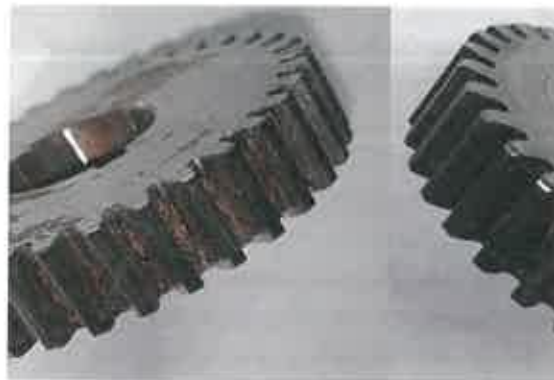
Approve meeting minutes from the November 13, 2019 ASTM meeting

Motion made: Wes Venhoff

Second the Motion: Rebecca Warden

Rusty L-60 Parts Update:

Rusty L-60 Parts



Labs are working to repackage the parts and use the manufacture recommended oil to prevent more rust.



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LED Light Update (Dylan Beck):

ASTM Gear Calibration workshop
Intertek Automotive Research, San Antonio, TX, January 14-16, 2020

L-60 GEARS (Large Gear Only)

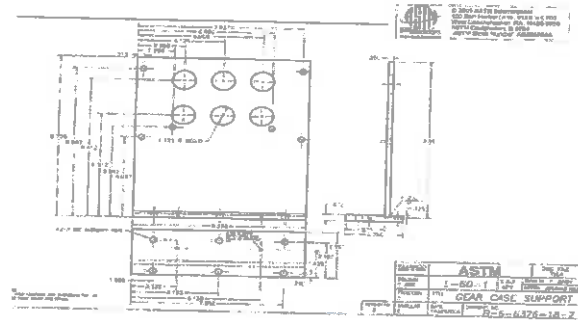
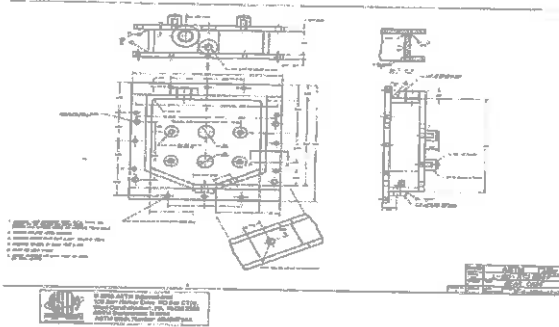
SET #		LED Lighting Rating				Fluorescent Lighting Rating				id	mean	std	n
		MIN	MAX	AVG	Std Dev	MIN	MAX	AVG	Std Dev				
1C	Varnish	7.30	8.61	8.16	0.377	7.30	8.60	8.03	0.471	9	7.480	0.63	65
1C	Sludge	9.53	9.74	9.62	0.062	9.53	9.74	9.62	0.067		9.651	0.09	
2C	Varnish	9.30	9.80	9.58	0.173	9.30	9.80	9.53	0.188	19	8.663	0.42	60
2C	Sludge	9.74	9.85	9.75	0.032	9.74	9.85	9.76	0.033		8.767	0.09	
3C	Varnish	8.80	9.80	9.18	0.281	8.73	9.50	9.07	0.243	25	8.423	0.38	58
3C	Sludge	9.50	9.85	9.71	0.080	9.50	9.85	9.71	0.114		8.751	0.04	
4C	Varnish	9.00	9.90	9.65	0.313	9.00	9.80	9.53	0.370	1	9.315	0.30	63
4C	Sludge	9.67	9.75	9.71	0.027	9.67	9.75	9.71	0.030		9.711	0.08	
5	Varnish	4.30	5.60	4.81	0.436	4.30	5.60	4.80	0.479	29	4.828	0.43	9
5	Sludge	9.40	9.75	9.62	0.100	9.40	9.75	9.64	0.104		9.513	0.12	
6	Varnish	8.50	9.70	9.18	0.312	8.50	9.50	9.01	0.381	4	8.545	0.32	55
6	Sludge	9.70	9.80	9.75	0.022	9.70	9.80	9.74	0.028		8.732	0.04	
7	Varnish	6.00	7.60	6.71	0.441	6.00	7.60	6.56	0.494	35	3.088	0.62	4
7	Sludge	9.55	9.75	9.71	0.065	9.55	9.75	9.73	0.063		8.593	0.11	
8	Varnish	7.87	9.50	8.58	0.497	7.06	9.50	8.53	0.680	15	8.124	0.34	58
8	Sludge	9.74	9.75	9.75	0.003	9.74	9.75	9.75	0.003		9.770	0.09	
9	Varnish	3.97	6.00	4.67	0.541	3.97	5.20	4.56	0.409	31	4.478	0.528	5
9	Sludge	9.45	9.74	9.59	0.087	9.45	9.74	9.60	0.081		8.54	0.10	
10	Varnish	9.40	9.90	9.65	0.167	9.40	9.80	9.56	0.145	13	8.431	0.326	80
10	Sludge	9.71	9.75	9.75	0.012	9.71	9.75	9.74	0.017		9.74	0.04	

Labs to work with the Raters to gather more data to be able to agree on introducing the LED light at the next ASTM meeting



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L-60-1 Drawings (Wes Venhoff):



Motion to move the drawings from ASTM to TMC

Motion made: Dale Smith

Second the Motion: Wes Venhoff

Adjournment:

Motion made: Rebecca Warden

Second the Motion: Wes Venhoff

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






Date: February 19th ASTM Meeting

Present / Initials *	Name	Voting Status	Company Name & Address	Phone & Fax & E-Mail
	Aguirre, Nanc	Non-voting	Intertek Automotive Research 5404 Bandera Rd San Antonio TX 78238	Phone: 210-647-9428 Fax: E-Mail: Nancy.Aguirre@intertek.com
RB	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
DJB	Beck, Dylan	Voting	ASTM Test Monitoring Center 6555 Penn Avenue Pittsburgh, Pennsylvania 15206	Phone: 412-365-1037 Fax: E-Mail: djb@astmtmc.cmu.edu
DRB	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
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JAC	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
A.C	Comfort, Allen	Voting	CCDC-GVSL 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
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DRJA	Drnja, Kristijan	Voting	The Lubrizol Corporation 29400 Lakeland Boulevard Wickliffe, Ohio 44092	Phone: 1-440-391-6374 Fax: 440-347-2878 E-Mail: Kristijan.Drnja@Lubrizol.com
	Dwornick, Bridget	Non-voting	AMSTRD-TAR-D/210 6501 E.11 Mile Rd Warren, MI 48397-5000	Phone: 586-2+A3:E3182-4221 Fax: 586-282-4244 E-Mail: bridget.l.dwornick@us.army.mil

*Initials indicate that member was present

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	Foecking Brian	Non-voting	The Lubrizol Corporation 29400 Lakeland Boulevard Wickliffe, Ohio 44092	Phone: 440 347-2130 Fax: E-Mail: Brian.Foecking@lubrizol.com
	Goyal, Arjun	Voting	BASF Corporation	Phone: 914-785-2083 Fax: E-Mail: Arjun.goyal@basf.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
	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
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	Lange, Anthony	Non-voting	Intertek	Phone: 210-684-2310 Fax: E-Mail: anthony.lange@intertek.com
	Louis, Caroline	Non-voting	Southwest Research Institute 6220 Culebra Road Bldg.209 San Antonio, TX 78238-5166	Phone: 843-471-6283 Fax: E-Mail: caroline.louis@swri.org
	Mosher, Donna	Non-voting	BASF Corporation	Phone: 269 217-1715 Fax: E-Mail: Donna.Mosher@basf.com
	Muransky, Troy	Voting	American Axle 1 Dauch Dr Detroit, MI 48212	Phone: Fax: E-Mail:
	Parke, Scott	Non-voting	ASTM Test Monitoring Center 6555 Penn Avenue Pittsburgh, Pennsylvania 15206	Phone: 412-365-1030 Fax: 412-365-1047 E-Mail: sdp@astmtmc.cmu.edu

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	Sattler, Eric	Non-voting	AMSTA-TR-D/210 (Luis Villahermosa) U S Army Tank, Automotive, and Armament Command Warren, Michigan 48397-5000	Phone: 586-282-2272 Fax: E-Mail: Eric.R.Sattler.civ@mail.mil
	Shah, Rajesh	Non-voting	Koehler Instrument Company 1595 Sycamore Avenue Bohemia, New York 11716	Phone: 516-589-3800 Fax: 516-589-3815 E-Mail:
	Slocum, Robert	Non-voting	The Lubrizol Corporation 29400 Lakeland Boulevard Wickliffe, Ohio 44092	Phone: 440-347-5102 Fax: E-Mail: Robert.Slocum@Lubrizol.com
	Smith, Dale	Voting	Intertek Automotive Research 5404 Bandera Rd San Antonio TX 78238	Phone: 412-855-6854 Fax: E-Mail: Dale.Smith@intertek.com
	Stevens, Mary	Voting	Southwest Research Institute 6220 Culebra Road Bldg.209 San Antonio, TX 78238-5166	Phone: 210-522-2208 Fax: E-Mail: Mary.Stevens@swri.org

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	Ved, Chintan	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
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(20) Dan Horvath Non-voting ASTM

RW Rebecca Worden Voting SUR1

AZ Amy Zyski Voting Dana

*Initials indicate that member was present