



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@paclp.com
Staff Manager: DAVID R. BRADLEY, (610) 832-9681, Fax: (610) 832-9668, e-mail: dbradley@astm.org

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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 Surveillance Panel
Members and Guests:

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

- **July 23rd 2015, Surveillance Panel Teleconference**

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 Surveillance Panel Meeting
Teleconference
July 23rd 2015 Meeting

Attendees:

Voting Members in **BOLD**

Gottwald, Thomas – Afton Chemical

Bell, Don – Afton Chemical

Parke, Scott – ASTM TMC

Guzikowski, Joe – Dana

Dennis, Mike - Gleason

Trader, Angela – Intertek Automotive

Prengaman, Chris – Lubrizol

Gropp, Jerry – Lubrizol

Umerley, Matt – Lubrizol

Hamilton, Larry – Lubrizol

McGlone, Bruce - Meritor

Warden, Rebecca – Southwest Research Institute

The meeting was called to order at 1500 EST.

1.0 Agenda Review

The agenda was reviewed

2.0 Data Discussion

Data generated to date was discussed.

The group has some concerns over TMC 134 performance level, having teeth broken off during the test.

Feedback from the raters from the rating workshop will be reviewed in august.

The supplier of TMC 117 shared historical performance of fluids with this additive.

3.0 Adjournment

Motion to adjourn.

Respectfully Submitted

Chris Prengaman

L37 Data for TMC 117 performance additive approved by LRI

Viscosity Grade	80W-90	80W-90	80W-90	80W-90	80W-140	80W-90	80W-90	80W-90
PRI QPL #	0715	0707	0664	0644	Not Applied For	Not Applied For	0553	0551
Meeting #	176/EC/13	176/EC/03	174/EC/03	173/EC/06	172/EC/05	172/EC/03	168/EC/05	168/EC/03
Coating	Lubrited	Lubrited	Lubrited	Lubrited	Lubrited	Lubrited	Green	Green
Test Type	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard
Run Number	2A-1380	2A-1372	2A-1237	2A-1241	2A-1148	2A-1147	2A-921	2A-922
Pinion Code	V1L528	V1L528	V1L528	V1L528	V1L528	V1L528	V1L500	V1L500
	Ring/Pinion	Ring/Pinion	Ring/Pinion	Ring/Pinion	Ring/Pinion	Ring/Pinion	Ring/Pinion	Ring/Pinion
Ridging	8/8	10/8.7	9/8	8/8	9/8.7	10/9.4	10/9	10/9
Rippling	10/9	10/10	10/8	10/9	10/9.4	10/9.4	10/9.0	10/9
Wear	8/7	8/7	7/6	7/6	9/6	7/6	8/8	8/7
Scoring	10/10	10/10	10/10	10/10	10/10	10/10	10/10	10/10
Pitting/Spalling	9.9/9.9	9.9/9.9	9.9/9.9	9.9/9.9	9.9/9.9	9.9/9.9	9.9/9.9	9.9/9.9

Read across data from previous program

Follow up programs to approve L-37 matrix, duplicate data

Viscosity Grade	80W-90	85W-140	80W-90	85W-140	80W-90	80W-90	80W-90	85W-140	80W-90	80W-90	85W-140
PRI QPL #	0514	0512	0511	0479	0480	Not Applied For	0405	0412	0411	Not Applied For	0409
Meeting #	165/EC/06	165/EC/04	164/EC/03	162/EC/07	162/EC/06	158/EC/03	157/EC/10	157/EC/09	157/EC/08	156/EC/17	156/EC/15
Coating	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
Test Type	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard
Run Number	2A-758	2A-777	2A-745		2A-653	3A-1107	04-421	04-420	04-419	1-971	1-970
Pinion Code	V1L500	V1L500	V1L500		V1L500	V1L500	V1L500	V1L500	V1L500	V1L417	V1L417
	Ring/Pinion	Ring/Pinion	Ring/Pinion	Ring/Pinion	Ring/Pinion	Ring/Pinion	Ring/Pinion	Ring/Pinion	Ring/Pinion	Ring/Pinion	Ring/Pinion
Ridging	10/9	10/9	10/8	10/10	10/9	10/8	10/9	10/9	10/9	9/9	10/9
Rippling	10/9	10/10	10/10	10/9	10/10	10/10	10/9	10/8	10/9	9/9	10/9
Wear	8/8	8/8	8/7	8/8	8/8	8/8	8/7	8/7	8/8	7/7	9/8
Scoring	10/10	10/10	10/10	10/10	10/10	10/10	10/10	10/10	10/10	10/10	10/10
Pitting/Spalling	9.9/9.9	10/9.9	9.9/9.9	9.9/9.9	9.9/9.7	9.9/9.9	9.9/9.8	9.9/9.8	9.9/9.9	9.9/9.9	9.9/9.9

New data found

Viscosity Grade	80W-90	80W-90	80W-90	80W-90	80W-90	80W-90	80W-90	80W-90	85W-140	80W-90	80W-90	80W-90
PRI QPL #	Not Applied For	Not Applied For	Not Applied For	Not Applied For	0381	0383	0379	0364	0712	Not Applied For	Not Applied For	Not Applied For
Meeting #	156/EC/13	156/EC/11	156/EC/09	156/EC/07	155/EC/08	155/EC/06	155/EC/04	154/EC/10	154/EC/07	152/EC/07	152/EC/05	151/EC/18
Coating	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
Test Type	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard
Run Number	1-969	3A-1007	04-403	04-402	1-950	1-948	1-949	3A-1025	3A-1011	3A-997	3A-996	1-971
Pinion Code	V1L417	V1L417	V1L417	V1L417	V1L417	V1L417	V1L417	V1L417	V1L417	V1L417	V1L417	V1L417
	Ring/Pinion	Ring/Pinion	Ring/Pinion	Ring/Pinion	Ring/Pinion	Ring/Pinion	Ring/Pinion	Ring/Pinion	Ring/Pinion	Ring/Pinion	Ring/Pinion	Ring/Pinion
Ridging	10/9	10/9	10/10	10/9	10/9	9/9	10/9	10/8	10/9	10/9	10/8	9/9
Rippling	10/10	10/9	10/10	10/8	10/9	9/9	10/9	10/9	10/9	10/8	10/9	9/9
Wear	8/8	8/8	8/8	8/7	7/7	7/7	7/7	9/8	9/8	8/8	8/8	7/7
Scoring	10/10	10/10	10/10	10/10	10/10	10/10	10/10	10/10	10/10	10/10	10/10	10/10
Pitting/Spalling	9.9/9.9	9.9/9.9	9.9/9.9	9.9/9.9	9.9/9.9	9.9/9.9	9.9/9.9	9.9/9.9	9.9/9.9	9.9/9.9	9.9/9.9	9.9/9.9

Read across data from previous program

Viscosity Grade	80W-90	80W-90	80W-90
PRI QPL #	Not Applied For	Not Applied For	0402
Meeting #	151/EC/16	151/EC/16	145/EC/03
Coating	Green	Lubrited	Green
Test Type	Standard	Standard	Standard
Run Number	04-247	04-248	
Pinion Code	V1L417	L247	
	Ring/Pinion	Ring/Pinion	Ring/Pinion
Ridging	10/9	9/10	10/10
Rippling	10/10	10/10	10/9
Wear	8/8	8/8	8/8
Scoring	10/10	10/10	10/10
Pitting/Spalling	9.9/9.9	9.9/9.9	9.9/9.9