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Committee D02 on PETROLEUM PRODUCTS AND LUBRICANTS

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Reply to:
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ASTM D02.B0.03 L-37-1 Next Generation Hardware Task Force
Members and Guests:

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

- **October 30th , 2013 Next Generation Hardware Task Force Meeting; 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 Next Generation Hardware Task Force Meeting
Teleconference
October 30th, 2013 Meeting

Attendees:

Voting Members in **BOLD**

Gottwald, Thomas – Afton Chemical

Marsh, Greg – American Axle Manufacturing

Parke, Scott – ASTM TMC

Guzikowski, Joe – Dana

Smith, Dale – Intertek Automotive Research

Trader, Angela – Intertek Automotive Research

Prengaman, Chris – Lubrizol

Gropp, Jerry – Lubrizol

McGlone, Bruce - Meritor

The meeting was called to order at 1000 EST.

1.0 Agenda Review

The agenda was reviewed

2.0 Review & Discuss Test Progress

C. Prengaman shared that testing had been on going to look at alternative test conditions using the Zeta hardware to see if conditions could be found in that 117 and 134 achieved appropriate separation. This testing was being done on a new hardware batch, and using modified spray nozzels. The pinion spray nozzels have been modified from a single nozzle pointing downwards, to three nozzels pointing downwards at the pinion nose area of the housing.

T. Gottwald shared that the Gleeson hardware was being further evaluated with TMC 155, 117 and 134. These fluids appeared to rank appropriately. T. Gottwald shared that the gearsets have some differences, there are no tooling marks visible on new gears, so all gears start with a rating of 7 due to the current definition. The gearsets only appear to discriminate on ridging so far.

4.0 New Business

No new business

5.0 Adjournment

Motion to adjourn .

Respectfully Submitted
Chris Prengaman

L-37-1 Task Force Meeting

October 10th, 2013
10:00 am –11:00 am EST
Meeting – Teleconference

Agenda

- 1) Call to order/Agenda review
- 2) Review Testing progress

Active test matrix being conducted.
- 3) New business
- 4) Adjournment

Call in number → **216-706-7052 code 324160**

Industry Oil Code (TMC Oil)	Test Version (Standard or Canadian)	Lab	Pass/Fail J2360 Limits	Test Hardware	EOT Date	Conditioning		Test		Test Length	Fill Volume	Modified Break In	Test EOT Early?
						Speed	Load	Speed	Load				
IND	TVERSION	LTMSLAB		TESTHARD	LTMSDATE	Speed	Load	Speed	Load	Hours	mL		
134	STANDARD	B	Fail	NONLUBRITED	20131012	682	375	124	1650	8.5	950	No	Yes
155	STANDARD	B	Pass	NONLUBRITED	20131013	682	375	124	1650	16.5	950	No	No
117	STANDARD	B	Fail	NONLUBRITED	20131014	682	375	124	1500	16.5	1075	No	No
117	STANDARD	B	Fail	NONLUBRITED	20131015	682	375	160	1500	16.5	950	No	Yes
117	STANDARD	B	Pass	NONLUBRITED	20131017	682	375	100	1500	16.5	1200	No	No
117	STANDARD	B	Fail	NONLUBRITED	20131026	682	375	124	1350	16.5	950	No	No
117	STANDARD	B	Fail	NONLUBRITED	20131027	682	375	160	1650	16.5	1075	No	No
117	STANDARD	B	Pass	NONLUBRITED	20131029	682	375	124	1650	16.5	1200	No	No
117	STANDARD	B		NONLUBRITED		682	375	160	1350	16.5	1200	No	
117	STANDARD	B		NONLUBRITED		682	375	100	1350	16.5	1075	No	
117	STANDARD	B		NONLUBRITED		682	375	100	1650	16.5	950	No	