



A PROVEN PARTNERSHIP

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Committee D02 on PETROLEUM PRODUCTS AND LUBRICANTS

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Staff Manager: EARL R. SULLIVAN, (610) 832-9709, Email: esulliva@astm.org

February 5, 2010

TO: Mack HTCT (D5579) S. P. Membership and Mailing List

SUBJECT: Mack HTCT SP Meeting Minutes, November 11, 2009, Warren ,MI

THIS DOCUMENT IS IN THE PROCESS OF DEVELOPMENT AND IS FOR ASTM COMMITTEE USE ONLY. IT SHALL NOT BE REPRODUCED OR CIRCULATED OR QUOTED, IN WHOLE OR IN PART, OUTSIDE OF ASTM COMMITTEE ACTIVITIES EXCEPT WITH THE APPROVAL OF THE CHAIRMAN OF THE COMMITTEE HAVING JURISDICTION AND THE PRESIDENT OF THE SOCIETY. *COPYRIGHT ASTM, 100 BARR HARBOR DRIVE, WEST CONSHOHOCKEN, PA 19428-2959. ALL RIGHTS RESERVED.*

Call to order:

Brian Koehler, the chairman of the Mack High Temperature Cyclic Test ASTM Surveillance Panel, called the meeting to order at 10:10 a.m. Eastern time.

Chairman's Comments:

The chairman sent out a meeting announcement in advance. See attachment 1.

Membership:

A sign in sheet was passed around. It can be found as attachment 2. A revised membership listing can be found as attachment 3.

Motion/Action item Recorder:

Galen Greene volunteered to record motions and action items. Thank you Galen.

Six Month Test Status report from the TMC:

Please go to the TMC's web location to view the Mack HTCD status report dated October 15, 2009.

Report on Stand/ Lab that Has Been Severe:

The lab and stand are again referenced. Two tests were conducted on the category reference oil and each fell within acceptance range. Lab suspects that an alternate cleaning solvent source may have caused the problem. The other referenced lab does not use that source for solvent.

Manufacture a New Fiber Clutch Batch:

The industry laboratories will be organizing another purchase of single batch fiber clutch plates from Wellman. See attachment 4 for the quote. The labs agreed to get together and place the order within 6 months. This order will include steel plates. Koehler was asked to confirm with Wellman that the clutch fiber material would be the same as used about 10 years ago. See attachment 5. This is an E-mail response to our question. The answer is "yes". It will be the same.

Discussed Part Number Change Info Letter:

No actions were needed. Info letter was pending release.

Change of Discrimination Oil Usage:

We discussed the current use of the discrimination oil in the test. Koehler wished to drop its use for routine referencing due to the lack of information that it was providing. Action was tabled until the next meeting to allow the TMC to review discrimination oil use in the industry and review the result history of the oil in our test.

Reviewed Referencing/ Instrument Calibration Requirement for This Test Type:

We reviewed the above and decided to take no action at this time. The 6 month reference period was as long as most wished to accept.

Referencing of a NEW stand:

We reviewed the requirement for bringing a new stand into the LTMS system. The LTMS currently lists 7 runs as needed. Motion was made by Koehler, seconded by Haire, to change this requirement to 2 runs on the category reference oil and 1 run on the discrimination oil. Motion passed 7 for, none against, no abstentions.

All agreed that the pass/ fail limit by 5 test average of the discrimination oil was a separate issue that would have to be addressed by the LRI board if a new stand was brought in.

Old Business:

There was no old business to be discussed.

New Business:

There was no new business to be discussed.

Next Meeting:

The next meeting will be at the call of the chairman.

Adjournment:

Meeting was completed at 11:15 am.

Submitted by:



Brian Koehler
Mack HTCT Surveillance Panel Chairman
Southwest Research Institute
6220 Culebra Road
San Antonio, TX 78238-5166

clm
Attachments

**Mack HTCD Surveillance Panel Meeting
Warren, MI
TACOM
November 11th, 2009
10:00 am**

AGENDA

Call to Order

Chairman's Comments, Brian Koehler, SwRI

Review/ Revise Membership

Motion/ Action Item Recorder

Report on Stand/ Lab which has been severe

Discuss manufacture of new fiber clutch batch

Part number change info letter discussion

Change of discrimination oil usage

Referencing requirements for "NEW" stand

Old Business

New Business

Summary of Action Items

Summary of Motions Passed

Next Meeting

Adjournment

Mack HTCS

11-11-09

ATTACHMENT 2

<u>Name</u>	<u>Office tel.#</u>	<u>Company</u>
Bryan Kohler	210-522-3588	SWRI
Galen Greene	440-347-2394	GE
Don Lind	412-365-1034	TMC
Bruce McGowan	2484359929	Arvinmeritor
Dale B. Smith	412-423-1120x403	Intertek
Sam Higuchi		Afton
Don Bell	8047886332	Afton
Comy Koglin	8047885385	Afton
Mike Hairs	510 242-2740	Chevron
STEVE ELIOT	703 669-9916	EXXONMOBIL
BILL KEARNEY	248-302-8531	AFTON
Jerry Gropp	440-347-1223	Lubricol

CYCLIC DURABILITY SURVEILLANCE PANEL

ATTACHMENT 3

Meeting Date: _____

Initials	Name	Voting Status	Company Name & Address	Telephone	Fax	Email
	Bell, Don	Non-Voting	Afton Chemical Corporation 500 Spring Street Richmond, VA 23218	804-788-6332	804-788-6243	don.bell@aftonchemical.com
	Brosnan, Bridget	Non-Voting	RDТА-DP 6501 E. Eleven Mile Rd. Warren, MI 48307	586-574-4221	586-574-4244	bridget.brosnan@us.army.mil
	Bryson, Tom	Voting	Mack Trucks, Inc. 13302 Pennsylvania Avenue Hagerstown, MD 21740	301-790-5454	301-790-6744	
	Comfort, Allen	Voting	USArmy TAGOM RDТА-DP/MS 110 6501 E. II Mile Warren, MI 48307	586-574-4225	586-574-4244	allen.s.comfort@us.army.mil
	Dharte, John	Voting	AAM 2965 Technology Dr. Rochester Hills, MI 48309	248-299-6478	248-299-6581	DharteJ@aam.com
	Eliot, Steve	Non-Voting	ExxonMobil 18486 Lanier Island Sq. Leesburg, VA 20176	703-669-9916	703-669-9917	Stephen.@eliot.com
	Graziano, Rick	Non-Voting	The Lubrizol Corporation 29400 Lakeland Blvd. Wickliffe, OH 44092	440-347-2058		rpg@lubrizol.com
	Greene, Galen	Non-Voting	The Lubrizol Corporation 29400 Lakeland Blvd. Wickliffe, OH 44092	440-347-2394		ggre@lubrizol.com
	Gropp, Jerry	Voting	The Lubrizol Corporation 29400 Lakeland Blvd. Wickliffe, OH 44092	440-347-1223	440-347-1555	jlg@lubrizol.com
	Haire, Mike	Voting	Chevron Global Lubricants	510-242-2740		mhaire@chevron.com
	Higuchi, Sam	Non-Voting	Afton Chemical Corporation 500 Spring Street Richmond, VA 23218	804-788-5375	804-788-6358	samuel.higuchi@aftonchemical.com
	Huron, John	Non-Voting	Chevron Oronite Company 4502 Centerview Drive, Suite 210 San Antonio, TX 78228	210-731-5609	210-731-5699	huro@chevrontexaco.com
	Koehler, Brian	Voting	Southwest Research Institute 6220 Culebra Road San Antonio, TX 78238-5166	210-522-3588	210-680-1777	bkoehler@swri.org
	Koglin, Cory	Voting	Afton Chemical Corporation 500 Spring Street	804-788-5303	804-788-6358	Cory.koglin@aftonchemical.com

CYCLIC DURABILITY SURVEILLANCE PANEL

Meeting Date: _____

Initials	Name	Voting Status	Company Name & Address	Telephone	Fax	Email
			Richmond, VA 23218			
	Layton, Kevin	Non-Voting	Afton Chemical Corporation 500 Spring Street Richmond, VA 23218	804-788-5363	804-788-6358	
	Lind, Don	Voting	ASTM Test Monitoring Center 6555 Penn Avenue Pittsburgh, PA 15206	412-365-1034	412-365-1047	dml@astmtmc.cmu.edu
	Lu, WenTong	Non-Voting	Research Institute of Petroleum Processing (RIPP) No.18, XueYuan Road PO Box 914-19 Beijing 100083 P.R.China	011-86-10-8236-8743	011-86-10-6231-1290	luwt@ripp-sinopec.com
	Marougy, Thelma	Voting	Eaton Corporation 26201 Northwestern Highway Southfield, MI 48037	248-354-6985	248-354-2739	thelmaemarougy@eaton.com
	McGlone, Bruce	Voting	ArvinMeritor 2135 West Maple Troy, MI 48084	248-435-9929	248-435-1411	mcglonbf@meritorauto.com
	Smith, Dale	Voting	PARC Technical Services, Inc. 100 William Pitt Way Pittsburgh, PA 15238	412-423-1120 X403	412-826-5444	dale.smith@intertek.com
	Song, HaiQing	Non-Voting	Research Institute of Petroleum Processing (RIPP) No.18, XueYuan Road PO Box 914-19 Beijing 100083 P.R.China	011-86-10-8236-8182	011-86-10-6231-1290	songhq@ripp-sinopec.com
	Whitticar, David	Non-Voting	The Lubrizol Corporation 29400 Lakeland Blvd. Wickliffe, OH 44092	440-347-2587	440-347-1555	David.Whitticar@Lubrizol.com
	Xie, JingChun	Non-Voting	Lanzhou Lube Oil R&D Institute No. 369 YuMen Street XiGu District Lanzhou 730060 GanSu Province			

Quotation Date	Quotation #	RFQ #	Expiration Date
9-23-09	NA	NA	30 days



TO: Brian P. Koehler
Principal Engineer
Southwest Research Institute
P.O. Drawer 28510, Zip: 78228-0510
9503 West Commerce, Zip: 78227
San Antonio, TX USA
Building 209
Tel: 210-522-3588

FROM: Richard Peets
6180 Cochran Road
Solon, OH 44139
Mobile : 330-575-1468
Fax: 440-435-2834
rpeets@wellmanproducts.com
www.WELLMANPRODUCTS.COM

Brian;

Please find pricing for your Mack Test Parts: These parts are the same as we supplied MACK for OE T300 transmission. If you choose you can buy the opposing plate as well. I have listed both part number below for you. Unfortunately Wellman cannot make small runs of this part number. We have a minimum buy on this part.

Mack Part #	Wellman Part #	Description	Piece Price (USD)	Tooling Charge (USD)	Lot Size (pieces)	Lead-Time	Notes/ Options
495KB361	WPC12926	Friction Plate N266-2-25	\$7.27	NA	500 min	2-8 weeks	Min buy required
495KB367	PP12927	Steel Reaction Plate	\$5.45	NA	500 min	2-8 weeks	Min buy required

Notes: Please order to the Wellman Part Numbers listed in table above.

Deviations: WPC12926 was part number WMPC5490 and PP12927 was part number MRP8476

Payment

Terms: TBD (need to discuss if you are set up in our system as a customer)
Standard Wellman T&C apply as followed on page 2 of this quote

Shipping: Not included: FOB Wellman

We truly appreciate this opportunity to quote work for your company. If you have any questions, please feel free to contact me at your convenience. Thank you.

Sincerely,

Richard Peets
OE Sales Manager
Wellman Products Group

WELLMAN PRODUCTS GROUP STANDARD TERMS AND CONDITIONS OF SALE

PRICES, PAYMENT: Unless otherwise expressly agreed in a writing signed by an authorized representative of Seller, the price for the products shall be Seller's price in effect for such products on the date of shipment. Unless otherwise specifically provided herein, terms are as set forth on the accompanying invoice of Seller. In case Buyer shall fail to make payments in accordance with terms and conditions stipulated herein, Seller may defer further shipments until such payments are made or may, at its option, cancel the unshipped balance.

DELIVERY, FORCE MAJEURE, LIMITATION OF LIABILITY: All shipments are F.O.B. Seller's plant unless otherwise provided on Seller's invoice. All risk of loss shall pass to Buyer when the products are delivered to Buyer or the carrier at such plant or otherwise leave the care, custody and control of Seller. Shipping and delivery dates are approximate and are based on prompt receipt of all necessary information. Seller shall not be liable for any delays or defaults hereunder by reason of accident, fire, flood, weather conditions, acts of God, acts of Buyer, labor troubles, delays or defaults by suppliers, subcontractors or carriers, inability to secure materials, components, fuel or labor, acts of government or other similar or dissimilar causes beyond its reasonable control. Whether or not any delay or default is so excusable, Seller shall not be liable for any damages of any kind whatsoever, whether direct, indirect, incidental, special or consequential, including, without limitation, any damage or injury to person or property, lost sales or profit or increased cost or expense, resulting, directly or indirectly, from delay in delivery or failure to manufacture.

CANCELLATIONS, CHANGES: Cancellations or changes by Buyer may only be made with Seller's prior written consent, and any such cancellation or change, even if consented to by Seller, is subject to payment of cancellation charges or other equitable adjustment to cover any increased cost or expense or loss of profit thereby incurred by Seller. Without limiting the foregoing, any request for a decrease in scheduled quantities must be received by Seller in writing at least ninety days prior to the scheduled delivery date. Thereafter, no reduction in quantity will be permitted and payment in full must be made for the full quantity scheduled.

RETURNS OF MERCHANDISE FOR CREDIT:

- a) No returned products will be accepted unless Buyer has first received written authority from Seller.
- b) Requests for return of products must be made within six months from date of purchase.
- c) No products which have been made specially will be accepted for return.
- d) No returned products will be accepted for credit unless they are in saleable condition.
- e) Transportation charges must be prepaid on all return shipments. Products shipped collect will not be accepted from the carrier.
- f) All credits issued will be at the lower of current or purchase price, less a ten percent (10%) handling charge.
- g) Return products must be accompanied by a packing slip showing in detail the list of the products and the date of the letter authorizing their return.

SPECIAL TOOLING: All special tooling used in the manufacture of the products covered by this contract is expendable and shall be and remain the property of Seller, except as stated on the face hereof. All tooling charges will apply to the initial order only. Replacement and repair costs with respect to the special tooling, other than those caused by changes in the basic design, shall be borne by Seller. Should Buyer elect to remove tooling from Seller's premises for reasons other than nonperformance, a tooling engineering charge equal to one-third (1/3) of Seller's original tooling cost shall be paid by Buyer.

TAXES: All sales, use, excise, or other tax payable as the result of this sale, use or installation, shall be paid by Buyer, and Seller may add any such tax to the price quoted herein, and collect and remit any such tax to the proper taxing authority, unless an acceptable exemption certificate is provided in accordance with applicable law.

WAIVER: All claims for failure of products shipped to conform to the description or quantity appearing on the face hereof shall be waived unless presented to Seller in writing within fifteen days after receipt of the shipment by Buyer. Waiver by Seller of a breach by Buyer of any provisions of this agreement shall not be deemed a waiver of future compliance therewith, and such provisions, as well as all other provisions hereof, shall remain in full force and effect.

WARRANTY, DISCLAIMER, LIMITATION OF LIABILITY AND REMEDY: Seller warrants its products sold hereunder to be free from defects in material and workmanship under normal use for a period of thirty days after first use provided that the products shall not have been altered or repaired after shipment to Buyer by anyone except Seller's authorized employees. If Buyer is an original manufacturer and incorporates Seller's products as a component, the warranty period shall commence upon the shipment of the assembly by Buyer or twelve months after first shipment of its products by Seller, whichever is earlier. Seller must be given an opportunity to make an investigation and inspection of any asserted defects which must be reported promptly in writing within ten days of discovery and not later than ten days after expiration of the applicable warranty period. Products manufactured by others but furnished by Seller are not covered by this warranty, but are limited to the original manufacturer's warranty. Except For the Foregoing, it is Expressly Agreed That No Warranty of Merchantability, Nor Any Other Warranty, Express or Implied or Statutory Is Made by Seller Hereunder. Seller's Entire And Exclusive Liability, Whether Founded on Warranty, Contract, Negligence or Otherwise, And Buyer's Exclusive And Sole Remedy Is Limited to Repair or Replacement of Defective Products, F.o.b. Seller's Factory, or at Seller's Option The Return of The Purchase Price. Seller Shall in No Event Be Liable For Any Damages of Any Kind Whatsoever, Whether Direct, Indirect, Incidental, Special or Consequential, Including, Without Limitation, Any Damage or Injury to Person or Property, Loss of Sales or Profit or Increased Cost or Expense.

PATENT WARRANTY: Seller shall indemnify Buyer to the extent stated below against any money judgment (including any settlement to which Seller consents) for infringement of a United States patent by reason of the use or sale of the products furnished hereunder in the form supplied (but not by reason of their use or sale in combination with one or more products not furnished hereunder), provided that Buyer notifies Seller promptly in writing of all claims of infringement, and permits Seller, at its option, to defend or be represented by counsel in defense thereof and provides Seller with all cooperation and information necessary or helpful in defending or settling any such claim or suit. Seller's liability under the preceding sentence shall in no event exceed the purchase price of such products, nor shall Seller in any event be liable for any indirect, special or consequential damages, including, without limitation, loss of business or profit or injury to reputation. Notwithstanding the above, Seller shall not be liable for the infringement or claimed infringement of any patent arising out of the manufacture, sale or use of any products made in accordance with any or all designs, drawings, formulae or other specifications furnished by Buyer, and Buyer Agrees to Defend And Hold Seller Hamless Against Any And All Claims, Demands or Judgments Therefore.

NO OBLIGATION TO STOCK SPARE OR REPLACEMENT PARTS: Seller reserves the right to discontinue or modify any line or type of product at any time without liability except to refund any sums already paid by Buyer for the undelivered portion of such products. Seller Shall Have No Obligation to Stock or Supply Replacements or Parts for the Products it sells.

OVER/UNDER SHIPMENTS: Seller reserves the right to over or under ship any release by ten percent (10%) or less.

FEDERAL LAW COMPLIANCE: Seller certifies that the products or services described on Seller's invoice comply with the applicable requirements of the Fair Labor Standards Act of 1938, as amended.

ASSIGNMENT: Buyer may not assign any rights hereunder without first obtaining the written consent of Seller.

GOVERNING LAW: This contract shall be construed and enforced according to the domestic substantive laws of the State of Ohio without giving effect to any choice or conflict of laws provision or rule that would cause the application of the domestic substantive laws of any other state. If any provision of these terms and conditions is declared unlawful or invalid, the remaining provisions shall nevertheless continue in full force and effect.

ENTIRE AGREEMENT: These terms and conditions and the provisions on Seller's invoice constitute the sole and entire agreement between Seller and Buyer, and shall govern exclusively as to the sale and delivery of any goods or services to Buyer. Such terms and conditions supersede any different, additional or inconsistent language, terms and conditions in Buyer's order or in any other communication between Seller and Buyer, notwithstanding any statement in Buyer's terms to the contrary. All prior communications, representations, negotiations and promises with respect to this sale are deemed to be merged herein. Any purported modification or rescission of this agreement or any part hereof, or waiver of any breach thereof, whether written or oral, shall be of no effect unless expressly agreed to in a writing signed by an authorized representative of each party.

Brian Koehler

From: Peets, Rich [rpeets@wellmanproducts.com]
Sent: Wednesday, December 02, 2009 2:29 PM
To: Brian Koehler
Cc: Barty, Denise; X-Don M. Lind; Dale Smith Intertek; Matt Jackson
Subject: RE: Need friction plates made

Yes the formula has not changed: the friction paper used on our 10 year old batch of WMPC5490 parts will be the same as that being quoted for the WPC12926 parts.

Richard Peets
OE Sales Manager
Wellman Products Group
6180 Cochran Rd.
Solon, Ohio 44139

Tel: 440.528.4075
Fax: 718.301.2408
Mobile: 330.575.1468
Email: rpeets@wellmanproducts.com

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From: Brian Koehler [mailto:brian.koehler@swri.org]
Sent: Wednesday, December 02, 2009 2:08 PM
To: Peets, Rich
Cc: Barty, Denise; X-Don M. Lind; Dale Smith Intertek; Matt Jackson
Subject: RE: Need friction plates made

Mr. Peets:
The ASTM Mack HTCD Surveillance Panel has met and reviewed your quotation E-mailed to us below.

I will be organizing a single industry batch order of these two part types during about March 2010. Two test labs will be placing orders at that time. SwRI will be one of those. I will be contacting you for a revised quote as time gets closer.

I was requested to have you answer one question: Can you please confirm for us that the clutch fiber material used on our 10 year old batch of WMPC5490 parts will be the same as that being quoted for the WPC12926 parts? This is a critical part for our lubricant test and we need to assure that it will be the same.

Regards,
Brian P. Koehler