TBL/030092-McGeehan

## **EXIT CRITERIA BALLOT**

## **ASTM-HDEOCP**

BALLOT FOR VOTING MEMBERS ONLY

Reference: Jim Mc Geehan, Chairman

## **RETURN BALLOT TO:**

Pat Connelly via email (preferred):

Organization: Lubrizol

Name: Lewis Williams

patconnelly@chevrontexaco.com

Phone No.: 440-347-1111

3/23/05

or via Fax: 510-242-3758

MotionAffirmativeNegativeThe following motion was made at the HDEOCP and<br/>passed unanimously.MOTIONImage: Comparison of the proposed Mack T-10 limits to<br/>qualify an oil as passing the Mack T- 9 test.<br/>(Reference limits below)Image: Comparison of the proposed Mack T- 9 test.

Date:

Commer	nts:			
Mack Wear	Test Prop	osals using th	ie T-10	
Mack T-9		Mack T-10	O II A -1 10W 30	
Mack T-9	Group I Additive A	Mack T-10	Group I Additive A	
Avg Liner Wear, um Avg TRW L, mg Delta Pb, eot	26.2 120 18	Avg Liner Wear, um Avg TRWL, mg Deita Pb, eot	30.5 107 29	
	O II B 15W 40		O II B -1 15W 40	O II B -2 15W 40
Mack T-9	Group I Additive A	Mack T-10	Group I Additive A	Group II Additive A
Avg Liner Wear, um Avg TRW L, mg		Avg Liner Wear, um Avg TRWL, mg	18.6 140	22.5 87
Delta Pb, eot	10	Delta Pb, eot	33	28
	0 II C 15W -40		O II C -1 15W -40	
	Group II Additive B		Group II 1.1 X Additive B	
<u>Mack T-9</u> Avg Liner Wear,um Avg TRW L,m g Deita Pb,eot	23.8	<u>Mack T-10</u> Avg Liner Wear, um Avg TR W L, m g Delta P b, eot	26.1 82 30	
				C LUBRIZO

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	VOT		DE

Issue Date: March 2<sup>th</sup> , 2005 Receipt Deadline: March 24<sup>th</sup> , 2005

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Microsoft PowerPoint						
Presentation						