

# INDEPENDENT TESTING REPORT

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*Member A.S.T.M.*

August 15, 2008

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Test Report 07110809a

Into Great Brands  
1010 Taylor Station Road - Ste. A  
Gahanna, OH 43230

RE: Purchase Order No.: 37338

Revised Final Report

Dear Sir,

Analysis of your samples has been completed. The results are as follows:

**SAMPLE: 20% by Volume Duralube Advanced Engine Treatment 11/7/07 (Lab #07110809)  
80% by Volume 500 HVI Base Oil (Lab # 07111201)**

<u>TEST METHOD</u>	<u>DESCRIPTION</u>	<u>RESULTS</u>
ASTM D-4172	Four Ball Wear, 40 kg, 1200 rpm, 1 hr. @ 75°C	
	Run 1	0.52 mm
	Run 2	0.50 mm

**SAMPLE: 20% by Volume Lucas Heavy Duty Oil Stabilizer (Lab #07110810)  
80% by Volume 500 HVI Base Oil (Lab # 07111201)**

<u>TEST METHOD</u>	<u>DESCRIPTION</u>	<u>RESULTS</u>
ASTM D-4172	Four Ball Wear, 40 kg, 1200 rpm, 1 hr. @ 75°C	
	Run 1	0.87 mm
	Run 2	0.87 mm

Duralube Advanced Engine Treatment 11/7/07 blend has 41.4% less wear for the Four Ball Wear Test than the Lucas Heavy Duty Oil Stabilizer blend

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**SAMPLE: 20% by Volume Duralube Advanced Engine Treatment 11/7/07 (Lab #07110809)  
80% by Volume 500 HVI Base Oil (Lab # 07111201)**

<u>TEST METHOD</u>	<u>DESCRIPTION</u>	<u>RESULTS</u>
ASTM D-2783	Load Wear Index	42.09
	Last Non-Seizure Load (scar)	100 kg (0.43 mm)
	Last Seizure Load (scar)	160 kg (2.51 mm)
	Weld Load	200 kg

**SAMPLE: 20% by Volume Slick 50 Engine Treatment (Lab #07110811)  
80% by Volume 500 HVI Base Oil (Lab # 07111201)**

<u>TEST METHOD</u>	<u>DESCRIPTION</u>	<u>RESULTS</u>
ASTM D-2783	Load Wear Index	34.68
	Last Non-Seizure Load (scar)	80 kg (0.38 mm)
	Last Seizure Load (scar)	160 kg (2.69 mm)
	Weld Load	200 kg

Duralube Advanced Engine Treatment 11/7/07 blend has a 21.37% higher load wear index value than Slick 50 Engine Treatment blend. Duralube Advanced Engine Treatment 11/7/07 blend has a 20 kg higher last non-seizure load than Slick 50 Engine Treatment blend.

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**SAMPLE: 20% by Volume Duralube Advanced Engine Treatment 11/7/07 (Lab #07110809)  
80% by Volume 500 HVI Base Oil (Lab # 07111201)**

<u>TEST METHOD</u>	<u>DESCRIPTION</u>	<u>RESULTS</u>
ASTM D-2272	Rotating Pressure Vessel Oxidation Test @ 150°C	195 minutes (non-inductive)

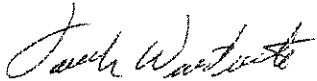
**SAMPLE: 20% by Volume Rislone Engine Treatment (Lab #07110812)  
80% by Volume 500 HVI Base Oil (Lab # 07111201)**

<u>TEST METHOD</u>	<u>DESCRIPTION</u>	<u>RESULTS</u>
ASTM D-2272	Rotating Pressure Vessel Oxidation Test @ 150°C	41 minutes (inductive)

Duralube Advanced Engine Treatment 11/7/07 blend shows a 375.6% increase in Rotating Pressure Vessel Oxidation Test time over Rislone Engine Treatment blend.

Please call if you have any questions regarding this report.

Respectfully submitted,



Josiah Wintermute  
Chief Chemist

JW:tvh