



**LABORATORY
ACCREDITATION
BUREAU**

Certificate # L2068-1

Technology	Range, when necessary	Methods Used	Product Types	Remarks
Ash Testing	0.001 to 0.180 mass %	ASTM D482	Hotline Emulsion	
Non-Volatile Residue	To 6.0 mass %	Internal Method (LI-WI-5.4-226)	Cold Mill Oil	
Acid-Split Oil Concentration	To 20.0 %	Internal Method (LI-WI-5.4-206)	Hotline Emulsion	
API Gravity (Hydrometer)	47 to 60 API	ASTM D287	Cold Mill Oil, Mineral Spirits	
pH Determination	2 to 12 pH units	ASTM E70	Hotline Emulsion	
Bacteria (by HMB)	To 15.0 psi	Internal Method (LI-WI-5.4-210)	Hotline Emulsion	
Flash Point Determination (P/M closed cup)	104°F to 680°F	ASTM D93	Cold Mill Oil, Mineral Spirits	Procedure A, Automatic

Approved by: _____


R. Douglas Leonard Jr.
Chief Technical Officer

Date: November 28, 2006

Issued: 11/13/03
Revised: 3/26/04
Revised: 9/21/04
Revised: 9/7/05
Revised: 9/6/06

Revised: 11/28/06