

Scope of Accreditation For Insight Services, Inc.

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In recognition of a successful assessment to ISO/IEC 17025 2005, accreditation is granted to **Insight Services, Inc.** to perform the following tests:

Accreditation granted through: **October 30, 2012**

Testing - Chemical

Technology	Range, when necessary	Methods Used	Product Types	Remarks
Acid number		ASTM D974 Modified	Lubricants	
Base number		ASTM D4739	Lubricants	
Demulsibility		ASTM D1401	Lubricants	
Flash point (open cup)		ASTM D92	Lubricants	
Foam		ASTM D892-IP146 (Alternative)	Lubricants	
ICP		ASTM D5185 Modified	Lubricants	
Membrane Patch Colorimetry		IWI-250 Based on proposed ASTM Method Work Item #: 13070	Lubricants	
Particle count		IWI-150	Lubricants	
pH		IWI-142	Lubricants, coolants	
Reserve alkalinity		IWI-143	Lubricants, coolants	
RULER (Linear sweep voltammetry)		ASTM D6971	Lubricants	
Sugar		IWI-200	Fuel, lubricants	



Technology	Range, when necessary	Methods Used	Product Types	Remarks
Varnish Potential Ultra centrifuge		IWI-251	Lubricants	
Viscosity		ASTM D445 Modified	Lubricants	
Water by Karl Fischer (coulometric)		ASTM D6304	Lubricants	
Water by Karl Fischer (volumetric)		IWI-133	Lubricants	
Ferrous wear concentration		IWI-160	Lubricants	
Rust		ASTM D665	Lubricants	
Color		ASTM D1500	Lubricants	

Notes:

- 1) This laboratory offers commercial testing service.

Approved by: _____ Date: October 30, 2009

R. Douglas Leonard Jr.
Chief Technical Officer

Issued: 10/30/09