



ILMA Member Engine Oil Sample Analysis Test Package Options

(New oil samples only)

ILMA-01	<i>Determines additive content, SAE Grade, minimal low-temperature requirements, and volatility.</i>	Sample Needed
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0.5 Liters

List Price

	50.00	Elemental Analysis by ICP (ASTM D5185) plus Sulfur (by ASTM D5453)
	30.00	Kinematic Viscosity at 100°C
	105.00	Low Temperature Pumping Viscosity by MRV/TP1 (ASTM D4684), Point & Yield Stress
	180.00	Volatility by Noack (ASTM D5800)
	\$ 365.00	Total List Price
	(125.00)	Discount
	\$ 240.00	ILMA Member Price - ILMA-01 Package

ILMA-02	<i>Determines minimum service category compliance.</i>	Sample Needed
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1 Liter

List Price

	50.00	Elemental Analysis by ICP by ICP (ASTM D5185) plus Sulfur (by ASTM D5453)
	115.00	Operating Viscosity - High Temp. High Sheer at 150°C (ASTM D4683)
	180.00	Volatility, GC by Sim. Dis. with chromatogram (ASTM D6417) or Volatility by Noack (D5800) with wear protection/catalyst contamination tendency (PEI)
	185.00	Low Temp. Viscosity by Scanning Brookfield Test & Gelation Index (ASTM D5133)
	\$ 530.00	Total List Price
	(53.00)	Discount
	\$ 477.00	ILMA Member Price - ILMA-02 Test Package

ILMA-03	<i>Determines minimum ILSAC compliance.</i>	Sample Needed
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2 Liters

List Price

	50.00	Elemental Analysis by ICP (ASTM D5185) plus Sulfur (by ASTM D5453)
	60.00	Kinematic Viscosity at 100°C, KV at 40°, and Viscosity Index (ASTM D445)
	115.00	Operating Viscosity - High Temp. High Sheer at 150°C (ASTM D4683)
	180.00	Volatility, GC by Sim. Dis. with chromatogram (ASTM D6417) or Volatility by Noack (D5800) with wear protection/catalyst contamination tendency (PEI)
	185.00	Low Temp. Viscosity by Scanning Brookfield Test & Gelation Index (ASTM D5133)
	80.00	Low Temp. Starting Viscosity by Cold Cranking Simulator (ASTM D5293)
	220.00	Foaming Characteristics I-IV (ASTM D892 & D6082)
	400.00	Piston Ring Protection, TEOST MHT (ASTM D7097)
	\$ 1,290.00	Total List Price
	(193.50)	Discount
	\$ 1,096.50	ILMA Member Price - ILMA-03 Package

ILMA-KIT	<i>Optional Sample Collection Kit</i>	
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\$10.00 Includes 1 qt. sample container, zip-lock bag, shipping box, shipping