



Renewable Lubricants, Inc.

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Bio-Diesel Clean/Clear™ B-100



"It's Time for a New Generation of Biodiesel Fuels"

Bio-Diesel Clean/Clear™ B-100 is a superior, soybased biodiesel fuel manufactured through a proprietary esterification process and filtered to provide a cleaner/clearer B-100. This pure B-100 has been Stabilized™ for improved fuel storage and increased performance when blended into petroleum diesel fuels. In addition to being biodegradable¹ and nontoxic, Bio-Diesel Clean/Clear™ B-100 is virtually sulfur and aromatic free and provides high cetane numbers when blended into the fuels. The lubricity of low sulfur and ultra-low sulfur fuels can be improved by adding as little as 0.25% into these fuels. This product could also alleviate a potential safety issue by reducing the buildup of a static electrical charge. (See the "Bio-Diesel System™" Data Sheet for World Class Premium Biodiesel Performance.)

<u>Property</u>	<u>ASTM Method</u>	<u>Limits</u>	<u>Typical Results</u>
Flash Point	D93	130°C min	173°C
Water & Sediment	D2709	0.050% vol. max	< 0.025
Kinematic Viscosity, 40°C	D445	1.9-6.0 min ² /sec.	3.9
Sulfated Ash	D874	0.020% mass max	0.01
Sulfur	D5453	0.05% mass max	0
Copper Strip Corrosion	D130	No. 3 max	1a
Cetane	D613	47 min.	52
Cloud Point	D2500	Report to customer	-1°C
Carbon Residue, 100% Sample	D4530	0.050% mass max	< 0.001
Acid Number	D664	0.80 mg KOH/gm max	0.14
Free Glycerin	D6584	0.020% mass max	0.02
Total Glycerin	D6584	0.240% mass max	0.02
Phosphorus Content	D4951	0.001% mass max	< 0.000
Distillation Temp., atmospheric equiv. temp., 90% recovered	D1160	360°Cmax	353°C
Specific Gravity	D287	Not Required	0.86
Dielectric Strength, KV	D877	Not Required	47
Color		Not Required	Water Clear

STABILIZED by Renewable Lubricants* is RLI's trademark on their proprietary and patented anti-oxidant, anti-wear, and cold flow technology. High Oleic Base Stock (HOBS) are agricultural vegetable oils. This Stabilized technology allows the HOBS to perform as a high performance formula in high and low temperature applications, reducing oil thickening and deposits.

¹Ultimate Biodegradation (Pw1) within 28 days in ASTM D-5864 Aerobic Aquatic Biodegradation of Lubricant

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Availability F.O.B. :Hartville, Ohio, USA 1 Gallon 5 Gallon Pails Drums Bulk