



## Renewable Lubricants, Inc.

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### **Bio-SynXtra™ ATF PLUS**

**(Automatic Transmission Fluid)**



#### *"Biobased Lubricants that Perform Like Synthetics"*

Bio-SynXtra™ ATF Plus is an automatic transmission fluid that incorporates patented Stabilized additive technology with Super High VI biodegradable, biobased oils and High VI synthetic base oils. This formulation contains a special universal ATF additive system for automatic transmissions, powershift transmissions, and hydraulic systems where a shear stable, multi-grade viscosity is recommended. It provides improved shear stability to meet the requirements of Chrysler ATF+3, ATF+4, and anti-shudder, anti-wear, durability, and high torque capacity performance for power shift transmissions (Allison TES-295).

Bio-SynXtra™ ATF Plus is a high performance, multifunctional transmission fluid for today's passenger cars, trucks, construction and mining equipment, farm machinery, and other mobile and industrial hydraulic systems. Incorporating the super high viscosity index HOBS into the formulation provides an improved fluid film over conventional ATF formulas and reduces wear in higher temperatures and/or heavier loaded equipment. In addition, the product is suitable for use in air compressors and other types of services where an ATF is recommended. This technology is recommended to meet the requirements of Voith, ZF, MAN, MB, Caterpillar TO-2, Sperry Vickers, Denison, and Sundstrand hydraulic pump systems. It is recommended for Ford, General Motors, and Chrysler cars, vans, and light duty trucks and also imported cars that require GM Dexron-III and Ford Mercon fluids. Recommended for use as a Multi-Vehicle ATF in North American, European, and Asian OEM automatic transmissions including: Ford Mercon V, Allison C-4, JASO 1-A, GM Dexron- IIIIG, GM Dexron- IIIH, Allison TES-295/TES-389/TES-439, Allison C4, ZF TE-ML 02F, 04D, 05L, 09, ZF TE-ML 11A, 11B, 14A/14B, 16L, 17C, ZF Ecomat Commercial, VOITH H55.6355.XX, MAN 339 Type V-1/V-2, MAN 339 Type Z-1 and Z-2, Volvo 97340/97341, Daimler MB-Approval 236.6. For transmissions requiring a lighter viscosity Multi-Vehicle ATF, use Bio-SynXtra ATF LV6.

(Not recommended for CVT, DCT, or Ford Type F applications).

#### **BENEFITS**

- Improved fluid film viscosity with less mechanical shear
- Responsive low temperature fluidity providing faster circulation in cold weather
- Provides seal conditioning for longer equipment life and to reduce leaks
- High temperature oxidation resistance
- Optimized friction and viscosity characteristics for smooth shifting and efficient power transfer

#### **TYPICAL PROPERTIES**

Viscosity, cSt @ 100°C	7.6	Pour Point, °C	-47
Viscosity, cSt @ 40°C	35.1	Flash Point, °C	224
Viscosity Index	194	Color	Red
Viscosity, cp @ -40°C	10900	Viscosity, cp @ -20°C	850

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.

Patented Product: US Patent 6,383,992, US Patent 6,534,454 with additional Pending and Foreign Patents

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<b><u>Availability</u></b>	<b><u>F.O.B.: Hartville, Ohio, USA</u></b>	<b><u>Quart</u></b>	<b><u>1 Gallon</u></b>	<b><u>5 Gallon Pail</u></b>	<b><u>Drum</u></b>	<b><u>Totes</u></b>	<b><u>Bulk</u></b>
Item #		82301	82303	82304	82306	82307	82309