



Renewable Lubricants, Inc.

476 Griggy Rd., P.O. Box 474
 Hartville, Ohio 44632-0474
 Voice: 330.877.9982 Fax 330.877.2266
 Web: www.renewablelube.com

Bio-SynXtra™ HP Motor Oil **SAE 10W30 PCMO**



"Biobased Lubricants that Perform Like Synthetics"

Bio-SynXtra™ HP Motor Oil SAE 10W30 is a high performance biosynthetic motor oil utilizing renewable resources. It is uniquely designed with enhancement chemistry to provide improved performance in newer and older naturally aspirated, turbocharged and supercharged gasoline engines for OEM traditional passenger cars, vans, hybrids, sport utility vehicles, and light duty trucks. **Meets and exceeds API SN, API Resource Conserving, ILSAC GF-5, and General Motors dexos 1 and GM4718M performance (Lubricity Enhanced Energy Conserving Formula Meeting Newest Catalytic Converter Requirements and Ethanol Fuel Compatibility).** Bio-SynXtra™ HP Motor Oil SAE 10W30 is designed to provide better wear control, improved high and low temperature protection and increased fuel economy compared to conventional petroleum formulas. It is compatible with petroleum synthetic and conventional petroleum formulas and their same components. Utilizing renewable resources in place of diminishing natural resources improves our water and air quality, reduces carbon emissions and ensures a healthier ecosystem. *GM and dexos 1, are registered trademarks of General Motors, LLC*

HIGH PERFORMANCE BENEFITS:

- High Viscosity Index
- Optimizes fuel economy
- Improved viscosity stability
- Excellent oxidation stability
- Extended drain performance
- Meets **USDA BioPreferredSM**
- Excellent antiwear performance
- Improved lower volatility - reduced emissions
- Excellent cold temperature pumpability
- Low foam tendency
- Low toxic-renewable-sustainable
- Improved biodegradability

TYPICAL SPECIFICATIONS TEST	METHOD	<u>SAE 10W30</u>
Viscosity @ 100°C	ASTM D-445	10.8
Viscosity @ 40°C	ASTM D-445	66.0
Viscosity Index	ASTM D-2270	138
Flash Point (COC)	ASTM D-92	220°C
Pour Point	ASTM D-97	-40°C
CCS @ -25°C, cp	ASTM-D-5293	Max – 6,000
MRV-TP1 @ -30°C, cP	ASTM-D-4684	13,000
Yield Stress, Pa		None
HTHS @ 150° C, Apparent Viscosity, cP	ASTM-D-4683	>3.0
NOACK Volatility % max 1h at 250°C	NOACK	7
Total Base Number	ASTM D-2896	7.8

™ Trademark of Renewable Lubricants, Inc. Copyright 1999 Renewable Lubricants, Inc.

Availability F.O.B. Hartville, Ohio USA	Quart	1 Gallon	5 Gal Pail	Drum	Totes	Bulk
Product Item #	85551	85553	85554	85556	85557	85559