



Renewable Lubricants, Inc.

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Bio-SynXtra™ HP Motor Oil SAE 0W20 PCMO



"Biobased Lubricants that Perform Like Synthetics"

Bio-SynXtra™ HP Motor Oil SAE 0W20 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 GM 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 0W20 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. We believe Earth's environmental future rests in the use of renewable materials.

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 0W20</u>
Viscosity @ 100°C	ASTM D-445	8.7
Viscosity @ 40°C	ASTM D-445	49
Viscosity Index	ASTM D-2270	157
Flash Point (COC)	ASTM D-92	220°C
Pour Point	ASTM D-97	-45°C
CCS @ -40°C, cp	ASTM-D-5293	Max – 5,500
MRV-TP1 @ -35°C, cP	ASTM-D-4684	1,700
Yield Stress, Pa		None
HTHS @ 150° C, Apparent Viscosity, cP	ASTM-D-4683	>2.6
NOACK Volatility % max 1h at 250°C	NOACK	11
Total Base Number	ASTM D-2896	7.8

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Availability F.O.B. Hartville, Ohio USA **Quart** **1 Gallon** **5 Gal Pail** **Drum** **Totes** **Bulk**
Product Item # 85501 85503 85504 85506 85507 85509