



## Renewable Lubricants, Inc.

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# Bio-SynXtra™ HP Motor Oil SAE 5W30 PCMO



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

Bio-SynXtra™ HP Motor Oil SAE 5W30 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 5W30 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 BioPreferred<sup>SM</sup>**
- Excellent antiwear performance
- Improved lower volatility - reduces carbon emissions
- Excellent cold temperature pumpability
- Low foam tendency
- Low toxic-renewable-sustainable
- Improved biodegradability

TYPICAL SPECIFICATIONS TEST	METHOD	<u>SAE 5W30</u>
Viscosity @ 100°C	ASTM D-445	<b>10.7</b>
Viscosity @ 40°C	ASTM D-445	<b>66.0</b>
Viscosity Index	ASTM D-2270	<b>152</b>
Flash Point (COC)	ASTM D-92	<b>220°C</b>
Pour Point	ASTM D-97	<b>-40°C</b>
CCS @ -30°C, cp	ASTM-D-5293	<b>Max – 6,000</b>
MRV-TP1 @ -35°C, cP	ASTM-D-4684	<b>18,000</b>
Yield Stress, Pa		<b>None</b>
HTHS @ 150° C, Apparent Viscosity, cP	ASTM-D-4683	<b>&gt;3.0</b>
NOACK Volatility % max 1h at 250°C	NOACK	<b>9</b>
Total Base Number	ASTM D-2896	<b>7.8</b>

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<u>Availability F.O.B. Hartville, Ohio USA</u>	<u>Quart</u>	<u>1 Gallon</u>	<u>5 Gal Pail</u>	<u>Drum</u>	<u>Totes</u>	<u>Bulk</u>
<b>Product Item #</b>	85531	85533	85534	85536	85537	85539