



## PRODUCT DATA SHEET

### Chemlube Premium Gold Series Synthetic API SN Plus / ILSAC GF-5

**Chemlube Premium Gold Synthetic Series** are premium engine oils that are formulated for turbo-charged and naturally spirited gasoline, propane, natural gas engines in passenger car and light duty truck service. Premium Gold Synthetic motor oils are formulated using all Group III base oils and the latest additive technology to meet or exceed the API SN Plus classification and also meet the requirements of ILSAC GF-5 Resource Conserving (RC). This oil is designed for use in U.S., European, and Japanese passenger cars, vans, sport utility vehicles and light duty trucks.

Features	Applications
<ul style="list-style-type: none"><li>• Meets or exceeds API Service SN Plus</li><li>• Backwards compatible to API SN, SM, SL, SJ</li><li>• Meets or exceeds ILSAC GF-5 requirements</li><li>• Resource Conserving (RC)</li><li>• Meets passenger car and light truck manufacturers warranty requirements</li><li>• Lubricates, cools, and protects turbo-charged high-revving engines that operate at high temperatures</li><li>• Protects the engine in controlling varnish, deposits, rust, corrosion, wear and cleanliness</li><li>• Designed to flow at low temperatures to get to vital engine parts quickly</li></ul>	<ul style="list-style-type: none"><li>• Passenger car and truck gasoline, propane and natural gas engines specifying API service SN Plus engine oils</li><li>• Maintains the warranty requirements for today's passenger car and light duty trucks specifying ILSAC GF-5 engine oils</li><li>• Reduces high temperature oxidation</li><li>• Resource-Conserving for improved fuel economy.</li><li>• API License Certification no. is #2325</li></ul>

#### SYNTHETIC API SN Plus / ILSAC GF-5 TYPICAL PROPERTIES

TEST	METHOD	0W-20 Code 10022	5W-20 Code 10524	5W-30 Code 10535	5W-40 Code 10540
Viscosity @40° C cSt	ASTM (D445)	44.89	48.7	62.1	94.6
Viscosity @ 100° C cSt	ASTM (D445)	8.48	8.88	10.9	15.3
Viscosity Index	ASTM (D2270)	173	164	169	172
CCS Viscosity cP @-35° C	ASTM (D5293)	5880			
CCS Viscosity cP @-30° C	ASTM (D5293)		4773	4532	6044
Flash Point ° C	ASTM (D92)	206	202	206	208
Pour Point, ° C	ASTM (D97)	-48	-45	-42	-41
Noack Volatility	ASTM (D5800)	11.8	10.2	10.0	11.2
Color	ASTM (1500)	L3.5	L3.5	L3.5	3.0
Zinc, ppm	spectrometer	840	836	834	880
Phosphorus, ppm	spectrometer	780	770	773	770

**NOTE:** Values are typical only. Due to ongoing research, development and product improvement, product formulas are subject to change without notice. Chemlube International cannot know all the uses and conditions to which this product may be subjected, therefore it is the user's responsibility to ascertain that it is suitable for any intended use or application. Reviewed 5/11/18