



## PRODUCT DATA SHEET

### Chemlube Premium Gold Series Synthetic API SN / 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 classification and also meet the requirements of ILSAC Starburst GF-5. This oil is designed for use in U.S., European, and Japanese passenger cars, vans, sport utility vehicles and light duty trucks.

#### Features

- Meets or exceeds API Service SN.
- Meets or exceeds ILSAC Starburst GF-5 requirements.
- Meets passenger car and light truck manufacturers warranty requirements.
- Lubricates, cools, and protects turbo-charged high-revving engines that operate at high temperatures.
- Protects the engine in controlling varnish, deposits, rust, corrosion, wear, and cleanliness.
- Designed to flow at low temperatures to get to vital engine parts quickly.

#### Applications

- Passenger car and truck gasoline, propane, and natural gas engines specifying API service SN engine oils.
- Maintains the warranty requirements for today's passenger car and light duty trucks specifying ILSAC Starburst GF-5 engine oils.
- Reduces high temperature oxidation.
- Energy-Conserving for improved fuel economy.
- API License Certification no. is #2325

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

TEST	METHOD	0W-20 Code 10020	5W-20 Code 10522	5W-30 Code 10532
Viscosity @40° C cSt	ASTM (D445)	45.0	49.4	63.1
Viscosity @ 100° C cSt	ASTM (D445)	8.62	8.81	10.9
Viscosity Index	ASTM (D2270)	173	159	166
CCS Viscosity cP @-35° C	ASTM (D5293)	5880		
CCS Viscosity cP @-30° C	ASTM (D5293)		4773	5200
Flash Point ° C	ASTM (D92)	206	202	199
Pour Point, ° C	ASTM (D97)	-48	-45	-44
Noack Volatility	ASTM (D5800)	13.5	11.1	11.0
Color	ASTM (1500)	L3.5	L3.5	L3.5
Zinc, ppm	spectrometer	880	880	880
Phosphorus, ppm	spectrometer	780	770	760

**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.