



**PRODUCT DATA SHEET**

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

**Chemlube Premium Gold Synthetic Blend 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 Blend motor oils meet or exceed the API SN Plus classification and also meet the requirements of ILSAC GF-5 and are 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>• Meets or exceeds ILSAC GF-5 requirements</li> <li>• Backwards compatible to API SN, SM, SL and SJ</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 BLEND API SN Plus / ILSAC GF-5  
TYPICAL PROPERTIES**

TEST	METHOD	5W-20 Code 10523	5W-30 Code 10534	10W-30 Code 11033	10W-40 Code 11044
Viscosity cSt @ 40° C	ASTM (D445)	50.44	64.95	64.1	109.4
Viscosity cSt @ 100° C	ASTM (D445)	8.7	10.9	10.2	15.75
Viscosity Index	ASTM (D2270)	152	160	146	153
CCS Viscosity, cP @-30C	ASTM (D5293)	5272	5678	-----	-----
CCS Viscosity, cP @-25C	ASTM (D5293)	-----	-----	5212	5800
Flash Point ° C	ASTM (D92)	200	200	202	204
Pour Point ° C	ASTM (D97)	<-42	<-42	<-39	<-34
Noack Volatility	ASTM (D5800)	11.0	11.9	9.1	9
Color	ASTM (D1500)	L3.5	L3.5	L3.5	L3.5
Zinc, ppm	Spectrometer	840	840	830	835
Phosphorus, ppm	Spectrometer	763	772	765	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. 05-09-18 reviewed.