



## LUBRICANTS

### STERN PCMO Full Synthetic SN/GL-5 Plus P-Series

STERN Premium Synthetic Multi-grade Passenger Car Motor Oils (PCMO) are formulated to provide outstanding engine protection and performance under severe operating conditions. They are blended from synthetic base stocks and compounded with additive chemistry to deliver superior deterrence against wear and corrosion, restrict oxidative thickening and inhibit promotion of engine acids, sludge and varnish deposits. These series of multi-grade oils may be used over an extreme temperature range to permit easier cold weather starting and help minimize engine friction at start-up. They also provide added protection at higher than normal engine operating temperatures.

#### APPLICATIONS

Recommended for all major automotive gasoline engines, including those equipped with superchargers, used in passenger cars, light trucks, power boats, motorcycles and other mobile equipment performing under extreme temperatures and demanding operating situations. These oils can also be used in a variety of commercial, industrial, and special mechanical system applications. All SAE Grades are backward compatible with API Service Categories SM, SL, SJ/ CF.

#### TYPICAL PROPERTIES

<b>PCMO Full Synthetic SN/GL-5 Plus</b>	<b>5W-20</b>	<b>5W-30</b>	<b>0W-20</b>
<i>Viscosity (cSt) at 40°C</i>	50.7	57.4	49.9
<i>Viscosity (cSt) at 100°C</i>	8.7	10.3	8.9
<i>Viscosity Index</i>	150	170	160
<i>Cold Cranking, cP -35°C</i>	-	-	Max 6200
<i>Cold Cranking, cP -30°C</i>	6600	6600	
<i>Cold Cranking, cP -25°C</i>	-	-	-
<i>Flash Point, (COC) °C (°F)</i>	227(440)	227(440)	221(430)
<i>Pour Point, °C(°F)</i>	-40(-40)	-40(-40)	-43(-45)
<i>Neut. No., ASTM D-2896</i>	7.5	7.5	7.5
<i>Gravity, API @ 60°F</i>	33.0	32.3	33.5
<i>Sulfated Ash, %wt.</i>	<1.0	<1.0	<1.0