

**PREMIUM SYNTHETIC  
MULTIGRADE PCMO**  
**[Passenger Car Motor Oil, API SM]**  
**SAE GRADES 0W-20, 0W-30, 0W-40**

SAE GRADE	<u>Typical Properties</u>		
	0W-20	0W-30	0W-40
Automotive	SM	SM	SM
API Classification	SM	SM	SM
ILSAC	GF-4	GF-4	GF-4
Viscosity, cSt			
At 40 C	49.9	55.4	82.6
At 100 C	8.9	10.3	14.4
Viscosity Index	160	177	182
Cold Cranking, cP -35°C	max 6200	max 6200	max 6200
Flash Point, (COC) °C(°F)	221(430)	230(445)	230(445)
Pour Point, °C(°F)	-48(-55)	-46(-50)	-40(-40)
Neut. No., ASTM D-2896	7.0	7.0	7.0
Gravity, API @ 60 F	33.5	33.3	33.0
Sulfated Ash, %wt.	<1.0	< 1.0	< 1.0

The values shown are typical of current production. Some are controlled in the manufacturing process, while others are not. All of them may vary within tolerable ranges.

Premium Synthetic Multigrade Passenger Car Motor Oils (PCMO) are formulated to provide engine protection and performance under severe operating conditions. They are blended from synthetic base stocks and compounded to provide outstanding protection against wear and corrosion, prevent oxidative thickening and inhibit promotion of engine acids, sludge and varnish deposits. These multigrade oils may be used over an extreme temperature range with emphasis on cold weather performance.

### 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 conditions. These oils can also be used in a variety of commercial, industrial, and special mechanical system applications. All grades meet API Service Categories SM, SL, SJ/CF and are rated ILSAC: GF-4 "Energy Conserving".