

PREMIUM SINGLE GRADES HD/PCMO
[Passenger Car Motor Oil]
SAE 20W, 30, & 40 API SM

SAE GRADE Automotive	<u>Typical Properties</u>		
	20W	30	40
Viscosity, cSt			
At 40 C	67.5	96.4	152.4
At 100 C	8.5	10.8	14.7
Viscosity, SUS			
At 100 F	351	502	800
At 210 F	54.8	63.1	78.5
Viscosity Index	95	95	95
Flash Point, (COC) Deg F	+405	+430	+450
Pour Point, Deg F (C)	-30(-34)	-25(-32)	-20(-29)
Neut. No., TBN, ASTM D-2896	6.5	6.5	6.5
Gravity, API @ 60 F	28.5	26.7	26.0
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 Passenger Car Single Grade Motor Oils (PCMO) are formulated to provide engine protection under severe operating conditions. Made from selected and highly refined base oils compounded to provide protection against wear and corrosion, prevent oxidative thickening and inhibit promotion of engine acids, sludge and varnish deposits.

APPLICATIONS

Recommended for all major automotive gasoline and LPG powered engines for passenger cars, pickup trucks and vans. Meets current API Licensing Service Category SJ, SL, and SM. These single grades are especially recommended for use in automotive applications involving high temperature and heavy duty type service such as hauling boats and camping trailers at sustained high speeds for long periods of time. In all cases, the car or engine manufacturer's lubricant recommendations for API performance category and SAE viscosity grade should be followed.