



Technical Data Sheet

Synthetic High Mileage Premium Multigrade PCMO

SAE Grades: 5W-20, 5W-30, 10W-30

For Engines Over 60,000 Miles

Passenger Car Motor Oil, API SQ/GF-7A

Product Description

Synthetic High Mileage Premium Passenger Car Motor Oils (PCMO) are specially formulated to extend the life and performance of vehicles with over 60,000 miles. These oils meet ILSAC GF-7A 'Energy Conserving' standards and are blended with high-quality synthetic base oils and enhanced additive packages that combat wear, corrosion, sludge, and varnish buildup—common issues in high-mileage engines.

Each formulation includes a seal conditioner agent that help minimize oil leaks and maintain proper engine sealing. The multigrade viscosity profile ensures consistent protection and performance across a wide range of operating temperatures.

Applications

Recommended for use in high-mileage passenger cars and light trucks, including those equipped with superchargers and turbochargers. These oils are engineered to help preserve older engines by reducing wear and maintaining cleanliness.

Meets or exceeds the following specifications:

- API SQ, SP, SN, SM
- Backward compatible with API SL, SJ/CF
- ILSAC GF-7A Energy Conserving

Typical Properties

Property	0W-20	5W-20	5W-30	10W-30
Viscosity, cSt @ 40°C	49.9	53.1	60.2	69.1
Viscosity, cSt @ 100°C	8.9	9.0	10.7	10.8
Viscosity Index	160	150	170	146
Viscosity, cP max @ -35°C	6200			
Viscosity, cP max @ -30°C		6600	6600	
Viscosity, cP max @ -25°C				7000
Flash Point, °F (COC)	430	440	440	440
Pour Point, °F	-45	-40	-40	-39
TBN (Neutralization No.)	7.5	7.5	7.5	7.5
API Gravity @ 60°F	33.5	33.0	32.3	32.0
Sulfated Ash, %wt	<1.0	<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.