

Synthetic Blend Premium Multigrade PCMO

Passenger Car Motor Oil, API SQ

SAE Grades: 5W-20, 5W-30, 10W-30, 10W-40, 20W-50

Product Description

Synthetic Blend Premium Passenger Car Motor Oils (PCMO) are designed to deliver outstanding engine protection under severe operating conditions. Formulated using a combination of highly refined hydroprocessed mineral oils and synthetic polymeric base stocks. These oils resist wear, corrosion, and oxidative thickening while minimizing the formation of sludge and varnish.

These multigrade oils support a broad temperature operating range, improving cold start performance and reducing friction during engine start-up, while also offering thermal stability under high operating temperatures.

Applications

Recommended for use in all major automotive gasoline engines—including those equipped with superchargers—found in passenger cars, light trucks, power boats, motorcycles, and both mobile and stationary equipment. These oils are also suitable for various commercial, industrial, and mechanical system applications.

Meets or exceeds the following specifications:

- API SQ, SP, SN, SM, SL, SJ/CF
- ILSAC GF-7A 'Energy Conserving' (SAE 5W-20, 5W-30, 10W-30)
- SAE 5W-50 supports performance across extreme temperature ranges

Typical Properties

Property	5W-20	5W-30	5W-40	10W-30	10W-40	20W-50
Viscosity, cSt @ 40°C	49.1	61.6	84.0	65.1	92.5	167.0
Viscosity, cSt @ 100°C	8.6	10.4	14.0	10.5	13.8	18.5
Viscosity Index	154	158	172	150	152	123
Flash Point, °F (COC)	+405	+410	+410	+420	+420	+450
Pour Point, °F	-40	-40	-49	-35	-35	-25
TBN (Neutralization No.)	7.0	7.0	7.0	7.0	7.0	7.0
API Gravity @ 60°F	33.5	33.0	32.5	31.0	30.5	29.0
Sulfated Ash, % wt	<1.0	<1.0	<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.