

Premium Synthetic Multigrade PCMO

Passenger Car Motor Oil, API SQ

SAE Grades: 0W-16, 0W-20, 0W-30, 5W-20, 5W-30, 10W-30

Product Description

Premium Synthetic Passenger Car Motor Oils (PCMO) are designed for advanced engine protection and peak performance under the most demanding conditions. Formulated with high-quality synthetic base stocks and advanced additive technology, these oils combat wear, corrosion, oxidative thickening, sludge, and varnish formation.

The multigrade characteristics of these oils ensure reliable cold weather starting and friction reduction during start-up, while maintaining thermal stability at elevated engine temperatures.

Applications

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

All SAE Grades meet API SQ and are backward compatible with previous API Service Categories SP, SN, SM, SL, SJ/CF (except 0W-16 which conforms to SQ/GF-7B).

Typical Properties

Property	0W-16	0W-20	0W-30	5W-20	5W-30	10W-30
API / ILSAC Category	SQ/GF-7B	SQ/GF-7A	SQ/GF-7A	SQ/GF-7A	SQ/GF-7A	SQ/GF-7A
Viscosity, cSt @ 40°C	35.4	48.0	61.2	48.4	60.4	64.3
Viscosity, cSt @ 100°C	7.1	8.9	11.04	8.7	10.6	10.4
Viscosity Index	168	168	175	160	167	150
Cold Cranking, cP @ -35°C	6200 max	6200 max	6200 max			
Cold Cranking, cP @ -30°C				6600 max	6600 max	
Cold Cranking, cP @ -25°C						7000 max
Flash Point, °C(°F)	221(430)	221(430)	221(430)	227(440)	227(440)	227(440)
Pour Point, °C(°F)	-43(-45)	-43(-45)	-43(-45)	-40(-40)	-40(-40)	-39(-38)
TBN (Neutralization No.)	7.5	7.5	7.5	7.5	7.5	7.5
API Gravity @ 60°F	34.0	33.5	33.5	33.0	32.3	32.0
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.