Relyant

Full Synthetic

API SP/GF-6A
SAE GRADES 0W-16, 0W-20, 0W-30, 5W-20, 5W-30, 10W-30

Typical Properties

SAE Grade	0W-16	0W-20	0W-30	5W-20	5W-30	10W-30
API / ILSAC Category	SP/GF-6B	SP/GF-6A	SP/GF-6A	SP/GF-6A	SP/GF-6A	SP/GF-6A
Viscosity, cSt						
At 40° C	35.4	48.0	61.2	48.4	60.4	64.3
At 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	max 6200	max 6200	max 6200			
Cold Cranking, cP -30°C				max 6600	max 6600	
-25°C						max 7000
Flash Point, (COC) °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)
Neut. No., ASTM D-2896	7.5	7.5	7.5	7.5	7.5	7.5
Gravity, API @ 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.

Relyant® Full Synthetic Multigrade Passenger Car Motor Oils (PCMO) are formulated to provide outstanding engine protection and performance under severe operating conditions. They are blended from synthetic base stocks and compounded with additive chemistry to deliver superior deterrence against wear and corrosion, restrict oxidative thickening and inhibit promotion of engine acids, sludge and varnish deposits. These series of multigrade oils may be used over an extreme temperature range to permit easier cold weather starting and help minimize engine friction at start-up. They also provide added protection at higher than normal engine operating temperatures.

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 situations. These oils can also be used in a variety of commercial, industrial, and special mechanical system applications. All SAE Grades are backward compatible with API Service Categories SN, SM, SL, SJ/CF (except for 0W-16 SP/GF-6B).

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