

MOTOR ENGINE OIL

SAE 5W-20 API SM



SAE 5W-20 is a multi-grade synthetic high-performance gasoline engine oil, formulated to perform in all driving conditions, from mild to severe. The synthetic formulation and advanced additive properties of battle the formation of sludge and piston deposits, keeping the combustion chamber clean, and allowing for optimum engine performance. offers high oxidation stability and viscosity control, which ultimately offers an extended drain interval while maintaining high protection for the engine. It achieves outstanding thermal stability, offering protection in cold weather start-up and hot weather environments. accommodates the emission control system and delivers better fuel economy.

SPECIFICATION

BENEFITS

- Protection Against Engine Wear & Tear
- Prevents Deposits & Sludge Formation
- Improved Fuel Economy
- Protection in Cold Weather Start-up
- Long Drain Interval Due to High Oxidation Stability
- High Thermal Stability
- Good Shear Stability Against Viscosity Loss

APPLICATION OF USE

SAE 5W30 is recommended for naturally aspirated and multi-valve fuel-injected high-performance gasoline engines. Appropriate for passenger cars, SUVs, vans, and light commercial vehicles. Used in all gasoline engines where the manufacturer recommends API SL or earlier specifications.

TYPICAL TECHNICAL PROPERTIES

Physical Characteristics	Test Method	Typical Value
SAE Grade		5W-20
Density @ 15 °C, Kg/L	ASTM D-1298	0.855
Kinematic Viscosity, cSt		
At 40°C cSt	ASTM D-445	46
At 100°C cSt	ASTM D-445	8.7
Viscosity Index	ASTM D-2270	155
Apparent Viscosity -30°C	ASTM D-5293	5000
Flash Point, COC, °C	ASTM D-92	230
Pour Point, °C	ASTM D-97	-40
TBN, mg KOH/gm	ASTM D-2896	8

Note: All figures may vary slightly.