



PRODUCT INFORMATION & DATA SHEET

PRINCE® M2 SAE 20W-50

The Premium Mineral Motor Oil.

PRINCE® M2 SAE 20W-50 is a universal mineral motor oil that fulfils performance requirements of many gasoline and diesel engines application. This motor oil has been manufactured using high-quality base oils and fortified with shear stable and viscosity index improver additives to help maintain its viscosity, ensure the lubricant to 'stay-in-grade', help retain engine power and responsiveness.

This product also features very good thermal and oxidation stability which contribute in significantly minimize oil deterioration and additive depletion, reduce harmful sludge and deposits formation. It has also been fortified with excellent anti-wear additive to protects against wear formation on crucial engine parts, thus guarantees elevated engine durability and save on excessive maintenance costs.

This motor oil meets the performance standards of following specifications:

API SL/CF

Some of the benefits of using this motor oil:

- Cleaning agents effectively maintain engine cleanliness and prevent performance loss due to excessive deposits build-up.
- Contains additive and inhibitor package designed to protect against contamination, varnish, corrosion and rust.
- Excellent lubricity at low and high-temperature operating conditions, protects all engine components under extreme loads.
- Good aging and oxidation stability allows minimum oil degradation and deterioration to maintain lubricant performance.
- Low evaporation loss characteristic of this motor oil helps to reduce oil consumption, maintain desire oil pressure level.
- Outstanding frictional properties tuned to minimize metal-to-metal friction and reduce wear damage, prolong engine life.
- Sufficient stop-leak additives were added to revitalize head gaskets and sealing materials to help minimize gaps that cause leaks.
- Tested safe on turbochargers, catalytic converters and seals.

Areas of application

Well-suited for application in passenger cars, sport utility vehicles (SUVs), light commercial trucks powered by gasoline, diesel, liquefied petroleum gas, natural gas that required using a high-performance mineral motor oil. This motor oil is backward compatible with all previous API specifications.

Suitable to use with natural aspirated, supercharged, turbocharged, fuel direct injection engines that required the viscosity grade of this motor oil. Tested safe to use on turbochargers and catalytic converters.

Typical properties

SAE Viscosity		20W-50
Viscosity Index (VI)	ASTM D2270	126
Viscosity at 100 °C; mm ² /s	ASTM D445	18.5
Viscosity at 40 °C; mm ² /s	ASTM D445	131
Density at 15 °C; kg/m ³	ASTM D4052	886.0
CCS Viscosity at -25 °C, mPa*s	ASTM D5293	7400
Flash Point; °C, open cup	ASTM D92	227
Pour Point; °C	ASTM D97	-19
Total Base Number	ASTM D2896	8.2

Service recommendations

Follow the service interval and operating instructions of manufacturers. Observe the owner's manual. Recommend to flush before add in new oil. Change oil filter at time of oil change.

Commercially available product compatibility

Our mineral motor oil is compatible with commercially available synthetic, semi-synthetic and other mineral motor oils. Peak performance is guaranteed only upon using alone without mixing with other motor oils.

Product availability

This product may not be available locally. Contact your local distributor.

The information show herein is subject to change without noticed. The product indicated here have been developed by PRINCE LUBRICANTS for use in the areas of applications shown. We reserve all right to alter the characteristics and product properties to align with continually technical development.