



## PRODUCT INFORMATION & DATA SHEET

# M1 SAE 10W-30 SN/CF

High-performance passenger car motor oil, formulated with carefully selected base stocks and advanced additive technology, meets API SN performance standards for a wide range of gasoline, LPG and diesel engines (without EGR, DPF and SCR systems). The shear-stable additive system reduces internal friction and wear, particularly during cold start and frequent stop-and-go traffic, and ensuring lower fuel and oil consumption. Its excellent detergent and dispersant properties help eliminate black sludge, prevent new sludge formation, and clean piston deposits, promoting a healthier and more responsive engine and extending its lifespan.

### Performance Levels

API SN/CF, ACEA A3/B4

### Key Benefits

- Enhances engine efficiency with superior friction reduction and wear protection.
- Offers enhanced protection against high-temperature deposits and debris build-up.
- Minimizes new sludge formation with advanced detergent and dispersant properties.
- Reliable cold-start protection with very good low-temperature fluidity and circulation.
- Reduces oxidation and thermal breakdown, ensuring maximized engine protection.
- Maintains optimal viscosity across wide temperatures for consistent performance.
- Supports seal longevity, preventing premature failure and maintaining its health.

### Areas of Application

Suitable for use in gasoline engines across generations where an API SN oil is recommended. Also suitable for LPG, CNG, and older generation diesel engines without modern exhaust after-treatment systems.

## Service Recommendation

Follow the manufacturer's recommended oil drain interval and refer to the owner's manual. We recommend flushing the engine before adding new oil and replacing the oil filter during the oil change.

## Commercially Available Product Compatibility

Our PCMO is fully compatible with any synthetic and conventional engine oil. Maximum performance is assured only when used on its own, without being mixed with other oils.

## Typical properties

<b><u>SAE Viscosity</u></b>		<b><u>10W-30</u></b>
Viscosity Index (VI)	ASTM D2270	140
Viscosity at 100 °C; mm <sup>2</sup> /s	ASTM D445	10.4
Viscosity at 40 °C; mm <sup>2</sup> /s	ASTM D445	71.9
Density at 15 °C; kg/m <sup>3</sup>	ASTM D4052	866.0
HTHS Viscosity at 150 °C; mPa.s	ASTM D4683	> 3.5
CCS Viscosity at -25 °C	ASTM D5293	< 7000
Flash Point; °C	ASTM D92	233
Pour Point; °C	ASTM D97	-37
Sulfated Ash; mass%	ASTM D874	1.06

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.

### PRINCE GLOBAL PTE LTD

9 Raffles Pl, #22-01 Republic Plaza, Singapore 048624.

Enquiry: [info@princelubricants.com](mailto:info@princelubricants.com)