

DESCRIPTION

- MD Oils Semi-Synthetic SAE 10W-40 API SN/CF is a premium, high-performance multi-grade engine oil. Formulated from high-quality base oils combined with advanced performance additives, it is designed to ensure long engine life and provide robust protection across a wide temperature range. Its advanced technology offers extended drain intervals and a formulation that maximizes overall engine durability.

APPLICATIONS

- Designed to lubricate both gasoline and light-duty diesel passenger cars, vans, and light trucks. It is a top-tier robust engine oil that ensures reliable performance under various operating conditions, offering a perfect balance between protection and durability for a wide range of modern and older engines.

Performance Features and Benefits

- Broad engine compatibility:** Fully suitable for use in both gasoline and diesel engines, providing versatile and reliable protection.
- Outstanding thermal and oxidation stability:** Prevents oil degradation and maintains viscosity even under extreme operating conditions.
- Excellent wear protection:** Specifically safeguards critical engine components, particularly against wear in the valve train and distribution system.

Recommendations / Specifications

International Standards:

- API SN / CF
- Meets the quality requirements of most gasoline and diesel engine manufacturers in the USA, Europe, Africa, Japan, and Korea.

Typical Characteristics

Properties	Unit	Test Method	Typical Values
Viscosity Grade	-	SAE J300	SAE 10W-40
Density @ 15°C	g/cm ³	ASTM D4052	0.875
Cold Cranking Viscosity(CCS) @ -25°C	mPa.s	ASTM D5293	6200
Kinematic Viscosity @ 40°C	cSt	ASTM D445	113.49
Kinematic Viscosity @ 100°C	cSt	ASTM D445	15.12
Viscosity Index	-	ASTM D2270	139
Flash Point (COC)	°C	ASTM D92	228
Pour Point	°C	ASTM D97	-38
Total Base Number	mg KOH/g	ASTM D2896	10.04
Noack Evaporation Loss	%wt.	ASTM D5800	6.4



- Advanced engine cleanliness:** Effectively prevents the formation of black sludge and harmful engine deposits.
- Reliable cold-start protection:** Ensures immediate lubrication of all engine components during startup, significantly extending engine life.
- Optimized friction characteristics:** Contributes to smooth engine operation and improved fuel efficiency.

Note: The typical characteristics shown in this document are representative of current production. While future production will conform to MD Oils specifications, variations in these characteristics may occur within normal manufacturing tolerances.

Health & Safety: Based on available information, this product is not expected to cause adverse health effects when used for its intended application and in accordance with the recommendations provided in the Safety Data Sheet (SDS). SDS are available on request through your local sales office or via our website.

This product should not be used for applications other than its intended purpose.

When disposing of used product, take care to protect the environment and comply with local regulations.