

DESCRIPTION

- MD Oils SAE 20W-50 API SL/CF is a premium, high-performance multi-grade engine oil. Formulated with high-quality base oils and advanced performance additives, it effectively extends engine life, protects critical components from wear, and ensures reliable lubrication across a wide temperature range.

APPLICATIONS

- Designed for passenger cars, SUVs, light trucks, and vans operating under normal to severe conditions. It is highly recommended for older or high-mileage engines (including those fitted with conventional carburetors) and light-duty diesel engines where API SL/CF or lower specifications are required. It provides confidence and protection well beyond that of conventional oils.

Performance Features and Benefits

- Superior engine wear protection: Safeguards critical engine parts (distribution, rings, plungers, and liners) to significantly increase engine longevity.
- Advanced cleansing technology: Utilizes extra cleaning additives to effectively combat dirt, sludge, and high-temperature engine deposits.
- Optimal viscosity and fluidity: Incorporates premium viscosity index improvers (VII) and pour point depressants to protect against the harmful effects of stop-and-go driving and extreme temperature operations.

Recommendations / Specifications

International Standards:

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

Typical Characteristics

Properties	Unit	Test Method	Typical Values
Viscosity Grade	-	SAE J300	SAE 20W-50
Density @ 15°C	g/cm ³	ASTM D4052	0.889
Cold Cranking Viscosity(CCS) @ -15°C	mPa.s	ASTM D5293	8500
Kinematic Viscosity @ 40°C	cSt	ASTM D445	169.75
Kinematic Viscosity @ 100°C	cSt	ASTM D445	20.32
Viscosity Index	-	ASTM D2270	140
Flash Point (COC)	°C	ASTM D92	230
Pour Point	°C	ASTM D97	-27
Total Base Number	mg KOH/g	ASTM D2896	10.24
Evaporation Loss	%wt.	ASTM D5800	5.3

- 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.



- Reliable engine protection during startup, warm-up, and normal driving conditions.
- Broad fuel compatibility: Effectively cleans and protects older engines, and is fully suitable for use in Gasoline, Diesel, and LPG engines.
- Excellent thermal and oxidation stability.
- Reduces internal friction and wear through the use of high-quality base oils.
- Seal conditioning: Maintains engine seal flexibility and integrity to minimize oil leakage.