

DESCRIPTION

MD OILS Diesel Engine Oil SAE-50 API CF is a premium mono-grade heavy-duty lubricant, engineered to deliver outstanding performance in truck fleets and industrial diesel applications. Developed with advanced additive technology, it ensures reliable protection under severe operating conditions, supports extended drain intervals, and enhances engine durability by maintaining stability across high temperatures and heavy loads.

APPLICATIONS

MD OILS Diesel Engine Oil SAE-50 API CF is recommended for naturally aspirated and turbo-charged diesel engines used in trucks, tractors, buses, goods carriers (LCVs), and generators. It is also suitable for on-highway heavy-duty trucking and off-highway industries such as construction, mining, quarrying, agriculture, and mixed fleet operations.

Performance Features and Benefits

- High thermal and oxidation stability.
- Excellent deposit control and acid neutralization.
- Superior high-temperature protection for hot running engines.
- Effective start-up wear protection under heavy load.
- Cleaner engines and extended component life.
- Enhanced soot handling capability.

Recommendations / Specifications

International Standards:

- API CF
- Meets quality requirements of major diesel engine manufacturers in the USA, Europe, Japan, and Korea.



- High TBN reserves for long-term protection.
- Stay-in-grade shear stability.
- Advanced detergency/dispersancy system.
- Improved viscosity control and pumpability of used oil.
- Compatibility with seals and gaskets.

Typical Characteristics

Properties	Unit	Test Method	Typical Values
Viscosity Grade	-	SAE J300	SAE 50
Density @ 15°C	g/cm ³	ASTM D4052	0.889
Kinematic Viscosity @ 40°C	cSt	ASTM D445	260.5
Kinematic Viscosity @ 100°C	cSt	ASTM D445	20.5
Viscosity Index	-	ASTM D2270	92
Flash Point (COC)	°C	ASTM D92	251
Pour Point	°C	ASTM D97	-9
Total Base Number	mg KOH/g	ASTM D2896	7.93
Evaporation Loss	%wt.	ASTM D5800	4.2

- 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.