

DIESEL ENGINE OIL

SAE 50 API CF



SAE 50 is a mono-grade heavy-duty diesel engine oil formulated from high-quality virgin base oil and selected additives. Created for high-speed 4-stroke diesel engines, shields the mechanical components from high temperatures and wear, extending the engine's operational life. Due to the high sulfur content in fuel, offers good alkalinity to battle the sulfur's acidic effect.

BENEFITS

- Protection Against Wear and Tear
- Good Anti-rust and Anti-foaming Properties
- High Oxidation Control
- Prevents Piston Deposits Formation
- Excellent Internal Engine Cleanliness and Longer Engine Life

PERFORMANCE LEVEL

- API: CF MIL-L-2104D
- MIL-L-46152B CCMC D2/D3/PD1

APPLICATION OF USE

Recommended for naturally aspirated and turbocharged heavy-duty diesel engines. Suitable for passenger cars, light commercial vehicles, and an extensive range of heavy-duty applications. Designed for highway and off-road applications. Used in all diesel engines where the manufacturer recommends API CF or earlier specification, also suitable for gasoline engines with API SF.

TYPICAL TECHNICAL PROPERTIES

Physical Characteristics	Test Method	Typical Value
SAE Grade		50
Density @ 15 °C, kg/L	ASTM D-1298	0.908
Kinematic Viscosity, cSt		
AT 40 °C cSt	ASTM D-445	215
AT 100 °C cSt	ASTM D-445	19.5
Viscosity Index	ASTM D-2270	99
Flash Point COC, °C	ASTM D-92	250
Pour Point, °C	ASTM D-97	-9
TBN, mg KOH/gm	ASTM D-2896	11

Note: All figures may vary slightly.