

Nordic TSAE501 **CF-4/SG SAE 50**

Heavy-duty monograde engine oil

Product Description

A high-performance monograde SAE 50 engine oil formulated for diesel engines operating under demanding conditions and elevated ambient temperatures. The formulation is designed to deliver dependable wear protection, oxidation resistance and engine cleanliness for older heavy-duty engine technologies requiring a high-viscosity lubricant.

Applications

Recommended for naturally aspirated and turbocharged diesel engines used in power generation equipment, stationary industrial engines and heavy commercial vehicles operating in warm climate conditions. Suitable where a monograde SAE 50 lubricant and the listed performance levels are specified by the equipment manufacturer.

FEATURES

- ✓ **Oxidation resistance:** formulated to maintain lubricant stability during prolonged operation in high-temperature environments
- ✓ **Engine cleanliness:** helps minimise deposit formation and supports cleaner engine operation throughout the oil service interval
- ✓ **Wear protection:** provides a durable lubricating film to help reduce wear of critical engine components under load
- ✓ **High-temperature performance:** SAE 50 viscosity grade provides robust oil film strength in severe operating conditions and warm climatic environments

Specifications

API	CF-4/SG
OEM / Manufacturer	MB 227.0

TYPICAL TECHNICAL CHARACTERISTICS

Property	Method	Unit	Typical Value
Density at 15°C	ASTM D4052	g/ml	0.901
Kinematic viscosity at 40°C	ASTM D445	mm ² /s	199
Kinematic viscosity at 100°C	ASTM D445	mm ² /s	17.8
Viscosity index	ASTM D2270	-	97
Base number, HClO ₄ method	ASTM D2896	mg KOH/g	10.9
Pour point	ASTM D6892	°C	-18
Sulfated ash	ASTM D874	Mass %	1.10
Flash Point COC	ASTM D92	°C	244

The above values are typical characteristics and do not constitute a sales specification. Product information may be updated as technology and manufacturing specifications evolve.

User Advice

 Always Verify Vehicle Compatibility before use

Storage, Handling & Environmental Advice

- **Storage:** Store upright in a cool, dry place below 60°C. Avoid direct sunlight and freezing conditions.
- **Handling:** Avoid contamination with other fluids. Always reseal containers after use.
- **Environmental Precautions:** Dispose of used oil and packaging in accordance with local environmental regulations.

Health and Safety

- **NORDIC Oil** presents no significant risk to health or the environment when used properly. Refer to the Safety Data Sheet (SDS) for full safety, handling, and environmental information.

[Refer to the latest Safety Data Sheet before use.](#)