

Nordic TSAE201 **CF-4/SG SAE 20W**

Universal mineral engine oil

Product Description

A mineral-based engine oil formulated for diesel and gasoline engines operating in a wide range of commercial and industrial applications. The formulation combines dependable wear protection, deposit control and operational reliability, making it suitable for older engine technologies operating in demanding service environments.

Applications

Recommended for naturally aspirated and turbocharged diesel engines used in stationary equipment, public works machinery, commercial vehicles and mixed fleets. The product can also be utilised in selected hydraulic systems where the specified performance requirements match the equipment manufacturer recommendations.

FEATURES

- ✓ **Engine cleanliness:** helps reduce deposit formation and supports cleaner engine operation throughout the service interval
- ✓ **Reliable wear protection:** provides a durable lubricating film to help protect critical engine components during operation
- ✓ **Fleet versatility:** suitable for both diesel and gasoline-powered applications, helping simplify lubricant inventories
- ✓ **Industrial equipment compatibility:** can be used in a range of equipment types where the stated specifications are required

Specifications

ACEA	E2/E1
API	CF-4/SG
OEM / Manufacturer	Caterpillar TO-2; MAN 270; MB 227.0; ZF TE-ML 03A; ZF TE-ML 06A; ZF TE-ML 07D

TYPICAL TECHNICAL CHARACTERISTICS

Property	Method	Unit	Typical Value
Density at 15°C	ASTM D4052	g/ml	0.883
Kinematic viscosity at 40°C	ASTM D445	mm ² /s	55.0
Kinematic viscosity at 100°C	ASTM D445	mm ² /s	8.1
Viscosity index	ASTM D2270	-	116
Base number, HClO ₄ method	ASTM D2896	mg KOH/g	10.9
Pour point	ASTM D6892	°C	-33
Sulfated ash	ASTM D874	Mass %	0.88
Flash Point COC	ASTM D92	°C	220

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.](#)