

Nordic TSAE301 **CF-4/SG SAE 30**

Universal mineral engine oil for commercial and industrial equipment

Product Description

A high-quality mineral engine oil formulated for diesel and gasoline engines operating under a wide range of service conditions. The product is designed to deliver dependable lubrication, deposit control and wear protection for older engine technologies used in commercial vehicles, industrial equipment and stationary applications.

Applications

Recommended for naturally aspirated and turbocharged diesel engines used in fixed installations, public works equipment and mixed fleets consisting of trucks and passenger vehicles. The formulation is intended for operators seeking a reliable monograde lubricant where the specified performance levels are required.

FEATURES

- ✓ **Engine cleanliness:** helps minimise deposit accumulation and supports cleaner engine operation over the oil service interval
- ✓ **Wear control:** provides a protective lubricating film to help reduce component wear during continuous operation
- ✓ **Fleet flexibility:** suitable for a variety of diesel and gasoline engine applications, simplifying lubricant management for mixed fleets
- ✓ **Industrial reliability:** designed to provide consistent protection for commercial and industrial equipment operating under demanding conditions

Specifications

ACEA	E2/E1
API	CF-4/SG
OEM / Manufacturer	Allison C4; Caterpillar TO-2; MAN 270; MB 227.0; MTU Oil Category 1; ZF TE-ML 03A; ZF TE-ML 04A; ZF TE-ML 04B; ZF TE-ML 07D

TYPICAL TECHNICAL CHARACTERISTICS

Property	Method	Unit	Typical Value
Density at 15°C	ASTM D4052	g/ml	0.890
Kinematic viscosity at 40°C	ASTM D445	mm ² /s	103
Kinematic viscosity at 100°C	ASTM D445	mm ² /s	11.8
Viscosity index	ASTM D2270	-	103
Base number, HClO ₄ method	ASTM D2896	mg KOH/g	10.9
Pour point	ASTM D6892	°C	-42
Sulfated ash	ASTM D874	Mass %	0.88
Flash Point COC	ASTM D92	°C	235

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.](#)