

Nordic T20502 LD TURBO SAE 20W-50

Extended-drain heavy-duty diesel engine oil

A multigrade SAE 20W-50 heavy-duty engine oil designed for diesel engines operating in demanding service conditions. The product is positioned for older heavy-duty fleets requiring strong resistance to ageing, reliable engine cleanliness and the ability to support extended oil drain intervals where approved by the equipment manufacturer.

Applications

Suitable for Euro II, Euro III and some Euro IV diesel engines used in heavy-duty equipment. It may also be used in many gasoline engines, making it suitable for mixed-fleet maintenance where the listed specifications are applicable.

FEATURES

- ✓ **Extended drain capability:** formulated with resistance to ageing to support longer oil service periods where permitted
- ✓ **Engine cleanliness:** helps keep engine parts clean during heavy-duty operation
- ✓ **Mixed-fleet practicality:** suitable for diesel and many gasoline engine applications where the listed performance levels are required
- ✓ **Severe-service suitability:** designed for year-round use in tough operating conditions

Specifications

ACEA	A3/B3-16; A3/B4; E3-96 Issue 4
API	CF-4/SG; CG-4/SJ
OEM / Manufacturer	Allison C4 Level; Caterpillar TO-2; Cummins CES 20071; Cummins CES 20072; DTFR 15B110; Mack EO-L; MAN 271; MAN M3275-1; MB 227.1; MB 229.1; MTU Oil Category 1; MTU Oil Category 2; Volvo VDS-2

TYPICAL TECHNICAL CHARACTERISTICS

Property	Method	Unit	Typical Value
Density at 15°C	ASTM D4052	g/ml	0.891
Kinematic viscosity at 40°C	ASTM D445	mm ² /s	150
Kinematic viscosity at 100°C	ASTM D445	mm ² /s	17.7
Viscosity index	ASTM D2270	-	130
Base number, HClO ₄ method	ASTM D2896	mg KOH/g	11.5
Pour point	ASTM D6892	°C	-33
CCS viscosity at -15°C	ASTM D5293	mPa.s	8200
Sulfated ash	ASTM D874	Mass %	1.18
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.