

Nordic T20501 CI-4/SL SAE 20W-50

Mainstream heavy-duty 20W-50 engine oil

A high-performance mineral SAE 20W-50 engine oil developed for heavy-duty diesel applications requiring robust engine protection, strong detergency and broad legacy OEM coverage. It is suitable for mixed fleets and is positioned as the primary 20W-50 product for trucks, off-road equipment and other demanding diesel applications.

Applications

Recommended for modern and older heavy-duty diesel engines used in trucks, construction equipment, agricultural machinery and off-road applications. It is suitable for mixed fleets and for low-emission diesel engines covering Euro II, Euro III and some Euro IV applications, including engines equipped with EGR where the listed specifications are required.

FEATURES

- ✓ **Engine cleanliness and durability:** helps control deposits and supports long engine life in demanding operating conditions
- ✓ **Broad mixed-fleet suitability:** suitable for heavy-duty trucks, off-road machinery and general fleet applications
- ✓ **Cold-flow performance:** provides fluidity at lower temperatures for a 20W-50 viscosity grade
- ✓ **Strong OEM coverage:** meets a wide range of U.S. and European heavy-duty diesel engine manufacturer requirements

Specifications

ACEA	A3/B4; E7
API	CF-4; CG-4; CH-4; CI-4/SL
JASO / Global	JASO DH-1; Global DHD-1
OEM / Manufacturer	Allison C4; Caterpillar ECF-1a; Caterpillar ECF-2; Caterpillar TO-2; Cummins CES 20076; Cummins CES 20077; Cummins CES 20078; Detroit Diesel DFS 93K215; Deutz DQC-III-10; Deutz DQC-III-18; DTFR 15B110; Iveco 18-1804 Classe T2 E7; Mack EO-L; Mack EO-M PLUS; Mack EO-N; MAN M3275-1; MB 229.1; MTU Oil Category 1; MTU Oil Category 2; Renault RLD; Renault RLD-2; Volvo VDS-3

TYPICAL TECHNICAL CHARACTERISTICS

Property	Method	Unit	Typical Value
Density at 15°C	ASTM D4052	g/ml	0.892
Kinematic viscosity at 40°C	ASTM D445	mm ² /s	177
Kinematic viscosity at 100°C	ASTM D445	mm ² /s	18.0
Viscosity index	ASTM D2270	-	112
Base number, HCLO4 method	ASTM D2896	mg KOH/g	11.4
Pour point	ASTM D6892	°C	-30
Sulfated ash	ASTM D874	Mass %	1.34
Flash Point COC	ASTM D92	°C	232

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.