

Nordic T10302 CK-4 10W-30

Mainstream mixed-fleet heavy-duty engine oil

A semi-synthetic SAE 10W-30 heavy-duty diesel engine oil developed for modern and older engines requiring API CK-4 performance. The product is positioned as the main mixed-fleet oil for operators needing broad OEM coverage, wear protection and oxidation stability.

Applications

Suitable for heavy-duty diesel engines used in on-road trucks and off-road equipment, including engines with or without after-treatment systems, turbochargers or superchargers. The product supports applications linked to Euro IV, Euro V and Euro VI trucks, as well as Stage IIIB, Stage IV and Tier 4i/4f heavy-duty off-road equipment, where the listed specifications are required.

FEATURES

- ✓ **Wear protection:** formulated to protect critical engine components under heavy-duty operation
- ✓ **Oxidation stability:** helps maintain oil performance during the service interval
- ✓ **Engine cleanliness:** supports cleaner engine operation and reduced deposit formation
- ✓ **Backward compatibility:** covers a wide range of modern and older heavy-duty diesel engine requirements

Specifications

ACEA	E11; E7; E9-16
API	CI-4; CI-4 Plus; CJ-4; CK-4; SN
Other standards	Chinese Standard D1; JASO DH-1; JASO DH-2
OEM / Manufacturer	Allison C4; Caterpillar ECF-1a; Caterpillar ECF-2; Caterpillar ECF-3; Caterpillar TO-2; Cummins CES 20076; Cummins CES 20077; Cummins CES 20078; Cummins CES 20081; Cummins CES 20086; Cummins CES 20100; DAF PSQL 2.1 E; Detroit Diesel DFS 93K215; Detroit Diesel DFS 93K218; Detroit Diesel DFS 93K222; Deutz DQC-III-10 LA; Deutz DQC-III-18 LA; DTFR 15C100; Ford WSS-M2C171-F1; JD JDQ-78X; Mack EO-M PLUS; Mack EO-N; Mack EO-N Premium Plus; Mack EO-O Premium Plus; Mack EO-S 4.5; MAN M3575; MAN M3775; MTU Oil Category 2.1; Renault RGD; Renault RLD; Renault RLD-2; Renault RLD-3; Renault RLD-4; Renault RXD; Volvo VDS-3; Volvo VDS-4; Volvo VDS-4.5

TYPICAL TECHNICAL CHARACTERISTICS

Property	Method	Unit	Typical Value
Density at 15°C	ASTM D4052	g/ml	0.8583
Kinematic viscosity at 40°C	ASTM D445	mm ² /s	70.90
Kinematic viscosity at 100°C	ASTM D445	mm ² /s	11.45
Viscosity index	ASTM D2270	-	155
Base number, HClO ₄ method	ASTM D2896	mg KOH/g	9.8
Pour point	ASTM D6892	°C	0
Sulfated ash	ASTM D874	Mass %	1.0
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.