

Nordic T54010 LD 5W40 +

Fully Synthetic heavy-duty engine oil for broad mixed-fleet use

A synthetic SAE 5W-40 lubricant formulated for heavy-duty diesel operation where broad specification coverage, after-treatment compatibility and durable engine protection are required. The product is designed for commercial vehicles operating under demanding service conditions and for fleets needing a versatile oil with wide OEM coverage.

Applications

Recommended for a wide range of commercial vehicle and heavy-duty truck applications where the listed performance levels are specified. The lubricant is suitable for engines using after-treatment systems and supports vehicles operating to Euro VI, Tier IV interim, Tier IV final, Tier V, Stage IIIB, Stage IV and Stage V requirements. The specification profile also includes the Chrysler MS 10902 application.

FEATURES

- ✓ **After-treatment compatibility:** formulated for use with modern exhaust after-treatment systems
- ✓ **Engine protection:** supports high levels of cleanliness, durability and wear protection in heavy-duty operation
- ✓ **Mixed-fleet flexibility:** wide approval coverage helps simplify lubricant selection across varied commercial equipment
- ✓ **Stable performance:** synthetic base technology supports reliable operation across a broad temperature range

Specifications

ACEA	E11; E6-16; E7; E8; E9-16
API	CI-4; CI-4 Plus; CJ-4; CK-4; SN
JASO	DH-1; DH-2
OEM / Manufacturer	AGCO/ALLIS POWER LOCC-G2; Allison C4; Caterpillar ECF-1a; Caterpillar ECF-2; Caterpillar ECF-3; Caterpillar TO-2; Chrysler MS 10902; Cummins CES 20076; Cummins CES 20077; Cummins CES 20078; Cummins CES 20081; Cummins CES 20086; Cummins CES 20092; DAF Extended Drain; Detroit Diesel DFS 93K215; Detroit Diesel DFS 93K218; Detroit Diesel DFS 93K222; Deutz DQC IV-10 LA; Deutz DQC-III-10 LA; Deutz DQC-III-18 LA; Deutz DQC-IV-18 LA; DTFR 13D110; DTFR 15C100; DTFR 15C110; DTFR 15C120; Ford WSS-M2C171-E; Ford WSS-M2C171-F1; Iveco 18-1804 Classe T2 E7; Iveco 18-1804 Classe TLS E9; JCB Standard 4001/2700; JD JDQ-78X; Liebherr LH-00-ENG5C LA; Mack EO-M PLUS; Mack EO-N; Mack EO-N Premium Plus; Mack EO-O Premium Plus; Mack EO-S 4.5; MAN M3271-1; MAN M3477; MAN M3575; MAN M3775; MB 235.28; MTU Oil Category 2.1; MTU Oil Category 3.1; Renault RGD; Renault RLD; Renault RLD-2; Renault RLD-3; Renault RLD-4; Renault RXD; Scania LA; Voith Retarder Oil Class B; 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	0.854
Kinematic viscosity at 40°C	ASTM D445	mm ² /s	84.3
Kinematic viscosity at 100°C	ASTM D445	mm ² /s	13.9
Viscosity index	ASTM D2270	-	170
Base number, HCLO4 method	ASTM D2896	mg KOH/g	10.2
Pour point	ASTM D6892	°C	-39
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.](#)