

NORDIC T10403 CI-4 / SL LD 10W-40

Fully Synthetic Engine Oil

Product Description

Nordic's Halvard #3 is a semi-synthetic UHPD (Ultra High-Performance Diesel) engine oil developed for long drain operations in modern heavy-duty diesel engines. Combines excellent oxidation stability with high soot handling capability and superior engine cleanliness.

Applications

- Long-haul transport fleets
- Euro III, Euro IV and Euro V engines
- Heavy-duty diesel engines operating under extended drain conditions
- On-road and off-road equipment

⚠ Always check the vehicle owners manual for the correct oil specification before use.

Performance Benefits

- ✓ **Extended Drain Performance:** Formulated for maximum drain interval capability.
- ✓ **Engine Cleanliness:** Minimizes piston deposits and ring sticking.
- ✓ **Thermal Stability:** Maintains viscosity and oxidation resistance during severe operation.
- ✓ **Cold Start Protection:** Provides excellent low-temperature fluidity.

Specifications

- | | |
|---------------|-------------|
| • ACEA E4 | • API CG-4 |
| • ACEA E7 | • API CH-4 |
| • API CI-4/SL | • JASO DH-1 |
| • API CF-4 | |

Specifications

- Allison C4
- Caterpillar ECF-1a / ECF-2
- Cummins CES 20072 / 20076 / 20077 / 20078
- Detroit Diesel DFS 93K215
- Deutz DQC III-10 / III-18 / IV-18
- Mack EO-M Plus / EO-N / EO-N Premium Plus
- MAN M3275-1 / M3277 / M3377
- MB 229.1 / 235.28
- MTU Oil Category 1 / 2 / 3
- Renault RLD / RLD-2
- Scania LDF-2 / LDF-3
- Volvo VDS-3

Typical Properties

Property	Method	Value
Density @ 15°C	ASTM D4052	0.857 g/ml
Viscosity @ 40°C	ASTM D445	85.3 mm ² /s
Viscosity @ 100°C	ASTM D445	13.8 mm ² /s
Viscosity Index	ASTM D2270	165
TBN	ASTM D2896	12.6 mg KOH/g
CCS @ -25°C	ASTM D5293	5000 mPa·s
Sulfated Ash	ASTM D874	1.43 wt%
Pour Point	ASTM D6892	-39°C
Flash Point COC	ASTM D92	230°C

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.