

NORDIC T10404 **CK-4 10W-40**

Fully Synthetic Engine Oil

Product Description

Nordic's Halvard #4 is a premium synthetic blend heavy-duty diesel engine oil developed to meet the latest API CK-4 requirements while maintaining backward compatibility with older CI-4 and CJ-4 engines. Provides outstanding oxidation stability, wear control and emissions system protection.

Applications

- Modern Euro V and Euro VI engines
- North American CK-4 fleets
- Heavy-duty on-road transport
- Construction and mining equipment
- Mixed fleets requiring CK-4, CJ-4 and CI-4 compatibility

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

Performance Benefits

- ✓ **Latest Generation Wear Protection:** Designed to meet severe CK-4 engine test requirements.
- ✓ **Outstanding Oxidation Resistance:** Supports longer service intervals and reduced oil thickening.
- ✓ **DPF & SCR Compatibility:** Low ash chemistry protects emissions systems.
- ✓ **Excellent Shear Stability:** Maintains viscosity under high load operation.

Specifications

- | | |
|-----------------|---------------|
| • API CK-4 | • API SN Plus |
| • API CJ-4 | • ACEA E11 |
| • API CI-4 Plus | • ACEA E7 |
| • API CI-4 | • ACEA E9 |
| • API SN | |

Specifications

- Caterpillar ECF-2 / ECF-3
- Cummins CES 20086 / 20092 / 20100
- Detroit Diesel DFS 93K218 / 93K222
- Mack EOS-4.5
- MAN M3775
- MB 228.31/ 228.51
- MTU Category 2.1 / 3.1
- Renault RLD-4
- Volvo VDS-4.5
- JASO DH-2

Typical Properties

Property	Method	Value
Density @ 15°C	ASTM D4052	0.8581 g/ml
Viscosity @ 40°C	ASTM D445	89.07 mm ² /s
Viscosity @ 100°C	ASTM D445	13.83 mm ² /s
Viscosity Index	ASTM D2270	159
TBN	ASTM D2896	9.8 mg KOH/g
Sulfated Ash	ASTM D874	1.0 wt%
Pour Point	ASTM D6892	-39°C
Flash Point COC	ASTM D92	224°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.](#)