

Nordic T52005 LD TURBO 5W20

Full synthetic ultra fuel economy heavy-duty engine oil

A low-viscosity synthetic lubricant engineered for the latest heavy-duty diesel platforms where fuel efficiency, after-treatment compatibility and reliable protection must be delivered together. The formulation is designed to maintain a strong lubricating film across operating temperatures while supporting extended service operation in approved applications.

Applications

Designed for MAN E, F, J and K truck applications using EGR, SCR and CRT exhaust-treatment systems. The product is intended for Euro VI MAN D2676 and D3876 engine families operating on diesel fuel with sulfur content up to 10 ppm. Its SAE 5W-20 viscosity grade supports maximum fuel-saving performance in engines specified for MAN M3977 and Scania LDF-5 lubricants.

FEATURES

- ✓ **Ultra-low viscosity profile:** helps improve fuel efficiency and contributes to lower CO2 emissions in suitable applications
- ✓ **After-treatment compatibility:** formulated for modern exhaust systems including EGR, SCR and CRT technologies
- ✓ **Engine cleanliness and durability:** supports clean operation and wear protection under demanding heavy-duty service
- ✓ **Service interval confidence:** stable performance is designed to support approved extended-drain use

Specifications

MAN	M3977
Scania	LDF-5

TYPICAL TECHNICAL CHARACTERISTICS

Property	Method	Unit	Typical Value
Density at 15°C	ASTM D4052	g/ml	0.855
Kinematic viscosity at 40°C	ASTM D445	mm ² /s	46.3
Kinematic viscosity at 100°C	ASTM D445	mm ² /s	8.2
Viscosity index	ASTM D2270	-	152
Base number, HCLO4 method	ASTM D2896	mg KOH/g	13.4
Pour point	ASTM D6892	°C	-42
Flash Point COC	ASTM D92	°C	210
Colour	Visual	-	Green-Gold

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.