NORDIC
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Technical Data Sheet

NORDIC O53003 **5W-30**

Fully Synthetic Engine Oil

ACEA C4

Product Description

NORDIC 5W-30 engine oil is specially formulated to meet the demanding requirements of ACEA C4 standard, providing superior protection for both gasoline and diesel engines.
This fully synthetic oil is designed to enhance engine performance while ensuring high fuel efficiency and reduced emissions. Manufactured to meet the specifications for Mercedes-Benz (MB 226.51) and Renault (RN0720), this oil is compatible with a diverse range of vehicles. Its advanced formulation helps to minimise wear and tear, ensuring optimal engine cleanliness and longevity under various driving conditions.

Applications

Recommended for:

- Passenger cars and light-duty commercial vehicles
- Engines fitted with DPF and TWC emission control systems
- Renault diesel engines requiring RN0720
- Vehicles requiring ACEA C4 performance level

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

Performance Benefits

- ☑ **Fuel Economy:** Reduces internal engine friction, enhancing fuel efficiency
- ☑ **Cold Start Protection:** Excellent fluidity at low temperatures ensures rapid oil circulation
- ☑ **Clean Engine Performance:** Prevents deposit and sludge formation for a cleaner engine
- ☑ **High Wear Protection:** Offers durable performance in high-temperature and high-load conditions

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Specifications

NORDIC 5W-30 meets or exceeds the requirements of Industry Standards / Suitable for:

- **ACEA:** C4
- **Mercedes-Benz MB:** 226.51
- **Renault:** RN0720

Typical Properties

Property	Method	Minimum	Typical	Maximum
Kinematic Viscosity @ 40°C (mm^2/s)	ASTM D445	60.0	68.0	76.0
Kinematic Viscosity @ 100°C (mm^2/s)	ASTM D445	9.60	11.20	12.80
Viscosity Index	ASTM D2270	152	163	178
Total Base Number (TBN), mg KOH/g	ASTM D2896	7.0	8.0	9.0
Flash Point (°C)	ASTM D97	220°C	230°C	-
Pour Point (°C)	ASTM D93	-42°C	-39°C	-36°C

01.10.2026

Typical values are not specifications and may vary within production tolerances.

User Advice

- Recommended for vehicles requiring ACEA C4 and RN0720 approvals
- Not suitable for engines requiring ACEA C3, C5, lubricants
- Do not mix with oils of different performance levels

⚠ 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.