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Technical Data Sheet

NORDIC O02006 **0W-20**

Fully Synthetic Engine Oil

ACEA C5

API SP

Product Description

NORDIC 0W-20 engine oil is a premium fully synthetic lubricant formulated to meet the rigorous standards of ACEA C5 and API SP, ensuring top-tier performance and protection for modern engines. Additionally, it complies with PSA B71 2010 and Fiat 9.55535-DM1 specifications, making it an ideal choice for a wide range of vehicles. This advanced formulation delivers exceptional fuel efficiency, reduced emissions, and superior protection against engine wear and deposits.
With its low viscosity, NORDIC 0W-20 ensures optimal performance in both cold starts and high-temperature conditions, providing the reliability and efficiency that todays drivers demand.
Choose NORDIC 0W-20 for an engine oil that enhances vehicle performance and longevity while supporting environmental sustainability.

Applications

Recommended for modern gasoline engines and advanced vehicle fleets requiring:

- ACEA C5 / API SP performance
- PSA B71 2010 or Fiat 9.55535-DM1 specification
- Compatibility with turbocharged, direct-injection, and start-stop systems
- Protection from LSPI and advanced emission system compatibility
- Extended oil drain intervals as per OEM specifications

⚠ Always consult the vehicle owners manual to confirm oil specifications before use.

Performance Benefits

- ☑ **LSPI Protection:** Helps prevent engine knock in modern turbocharged engines
- ☑ **Fuel Efficiency:** Reduced internal friction improves fuel economy and lowers emissions
- ☑ **Cold Start Performance:** Fast lubrication at low temperatures
- ☑ **Wear Protection:** Ensures engine durability under high stress
- ☑ **Emission System Compatibility:** Safe for use with GPFs, DPFs, SCR, and catalytic converters

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Specifications

NORDIC 0W-20 meets or exceeds the requirements of Industry Standards / Suitable for:

- **ACEA:** C5
- **API:** SP
- **PSA:** B71 2010
- **Fiat:** 9.55535-DM1

Typical Properties

Property	Method	Minimum	Typical	Maximum
Kinematic Viscosity @ 40°C (mm^2/s)	ASTM D445	38.0	43.2	48
Kinematic Viscosity @ 100°C (mm^2/s)	ASTM D445	6.9	9.1	9.3
Viscosity Index	ASTM D2270	150	162	175
Total Base Number (TBN), mg KOH/g	ASTM D2896	6.9	9.7	10.5
Flash Point (°C)	ASTM D97	210°C	220°C	225°C
Pour Point (°C)	ASTM D93	-45°C	-35°C	-30°C

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

User Advice

- NORDIC 0W-20 is suitable for modern gasoline engines requiring fuel-saving lubricants
- Always verify vehicle requirements in the owners manual before use
- Particularly recommended for PSA B71 2010 applications

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.