

NORDIC O52001 5W-20

Fully Synthetic Engine Oil

ACEA C5

API SN/CF

ILSAC GF-5

Product Description

NORDIC 5W-20 engine oil is formulated to provide a superior level of protection and performance for modern engines, meeting the stringent requirements of ACEA C5, API SN/CF, and ILSAC GF-5 standards. This advanced synthetic oil is specifically designed to enhance fuel efficiency while offering exceptional wear protection, making it ideal for both gasoline and diesel engines. Manufactured to meet the specifications for Jaguar Land Rover (STJLR .03.5004) and Ford (WSS-M2C948-A & WSS-M2C948-B), this oil ensures compatibility with a wide variety of vehicles. Its lightweight formulation enables quick lubrication during cold starts and maintains optimal viscosity across a range of temperatures, ensuring reliable performance in diverse driving conditions.

Applications

Recommended for use in:

- Modern gasoline & light-duty diesel engines (naturally aspirated, turbocharged, direct injection)
- Engines with start-stop systems and hybrid vehicles (HEV, PHEV)
- Vehicles equipped with DPF, GPF, and catalytic converters
- OEMs such as Ford, Jaguar Land Rover, Hyundai, Toyota, Kia, and Honda

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

Performance Benefits

- ✓ **Fuel Economy & Emissions Compliance:** Improves efficiency and reduces CO₂ output in modern low-friction engine designs
- ✓ **Cold Start Performance:** Excellent oil flow at low temperatures for rapid protection during engine startup
- ✓ **Clean Engine Operation:** Prevents the build-up of deposits, varnish, and sludge over extended oil intervals
- ✓ **Thermal & Oxidation Stability:** Maintains viscosity and oil performance under high-stress, high-heat conditions

Specifications

NORDIC 5W-20 meets or exceeds the requirements of Industry Standards / Suitable for:

- ACEA: C5
- API: SN/CF
- ILSAC: GF-5
- Jaguar Land Rover STJLR: .03.5004
- Ford: WSS-M2C948-B & WSS-M2C948-AB

Typical Properties

Property	Method	Minimum	Typical	Maximum
Kinematic Viscosity @ 40°C (mm ² /s)	ASTM D445	42.0	46.0	50.0
Kinematic Viscosity @ 100°C (mm ² /s)	ASTM D445	8.20	8.75	9.30
Viscosity Index	ASTM D2270	150	160	172
Total Base Number (TBN), mg KOH/g	ASTM D2896	6.5	7.5	8.5
Flash Point (°C)	ASTM D97	215°C	225°C	-
Pour Point (°C)	ASTM D93	-42°C	-39°C	-36°C

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

User Advice

- Recommended for engines requiring ACEA C5 and API SN/CF
- Not suitable for engines requiring high-viscosity oils

⚠ 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.