

NORDIC O02002 0W-20

Fully Synthetic Engine Oil

ACEA C5

Product Description

NORDIC 0W-20 is a premium, fully synthetic engine oil formulated with high-quality base oils and advanced additive technology. Specifically engineered for modern high-performance gasoline and diesel engines of the Volkswagen Group (VW, Audi, Porsche, Skoda, SEAT), it meets the strict VW 508.00 / 509.00 specifications.

Designed to support maximum fuel economy, low emissions, and high thermal stability, this oil is also suitable for Hybrid Electric Vehicles (HEVs) and Plug-in Hybrid Electric Vehicles (PHEVs). It ensures outstanding wear protection, LSPI prevention, and full compatibility with advanced exhaust after-treatment systems such as GPF, DPF, and catalytic converters.

Applications

Recommended for use in:

- Latest generation VAG engines requiring VW 508.00 / 509.00
- Gasoline and diesel engines equipped with turbochargers, start-stop systems, GPF/DPF, or catalytic converters
- Hybrid and Plug-in Hybrid vehicles
- Suitable for use with biofuels
- Vehicles from VW, Audi, Skoda, SEAT, Porsche

⚠ Always refer to the vehicle owners manual before use.

Performance Benefits

- ✓ **Outstanding Fuel Economy:** Offers up to 1.5% fuel savings compared to standard 5W-30 lubricants.
- ✓ **Low-Speed Pre-Ignition (LSPI) Protection:** Designed to prevent engine knock and damage in turbocharged GDI engines.
- ✓ **Thermal and Oxidation Stability:** Resists breakdown at high temperatures, extending oil life and maintaining engine cleanliness.
- ✓ **Enhanced Start-Up Protection:** Delivers quick oil circulation at low temperatures to minimize wear.
- ✓ **CO₂ Emissions Reduction:** Supports environmentally responsible performance through enhanced combustion efficiency.

Specifications

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

- ACEA C5
- Porsche: C20
- Volkswagen: VW 508.00 & 509.00
- Ford: M2C956-A1

Typical Properties

Property	Method	Minimum	Typical	Maximum
Kinematic Viscosity @ 40°C (mm ² /s)	ASTM D445	38.0	42.0	46.0
Kinematic Viscosity @ 100°C (mm ² /s)	ASTM D445	8.00	8.65	9.30
Viscosity Index	ASTM D2270	152	163	178
Total Base Number (TBN), mg KOH/g	ASTM D2896	6.0	7.2	8.5
Flash Point (°C)	ASTM D97	210°C	220°C	-
Pour Point (°C)	ASTM D93	-48°C	-45°C	-42°C

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

User Advice

- NORDIC 0W-20 is a dedicated formulation for engines requiring VW 508.00 / 509.00 and Porsche C20 approvals.

⚠ Not suitable for engines requiring higher-viscosity oils (e.g., 5W-30 or 10W-40) or older Volkswagen engine specifications.

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.