

# NORDIC 002004 0W-20

*Fully Synthetic Engine Oil*

API SN, SN-RC, SP

ILSAC GF-5 & GF-6A

## Product Description

NORDIC 0W-20 engine oil is a premium fully synthetic lubricant formulated to meet the latest industry standards, including API SN, SN-RC, and SP, as well as ILSAC GF-5 and GF-6A. It is specifically designed to provide exceptional engine protection and performance for modern vehicles, including those certified under GM standards (4718M, 6094M, Dexos™ 1 Gen 2 & Dexos™ 1 Gen 3) and Chrysler MS-6395. This advanced formulation ensures enhanced fuel economy, superior wear protection, and reduced emissions, contributing to a cleaner environment.

NORDIC 0W-20 not only helps maintain engine cleanliness and efficiency but also supports optimal performance across various driving conditions, making it an ideal choice for both everyday drivers and automotive enthusiasts.

Choose NORDIC 0W-20 for reliable performance and longevity in your engine.

## Applications

Recommended for gasoline and hybrid engines requiring SAE 0W-20, including:

- General Motors, Chrysler, and other manufacturers specifying API SN/SP or Dexos™
- Vehicles equipped with start-stop technology, turbocharging, or exhaust after-treatment systems

⚠ Always consult the vehicle owners manual before use.

## Performance Benefits

- ✓ **Fuel Economy & Low Emissions:** Formulated to reduce friction and enhance fuel efficiency while minimising CO2 emissions.
- ✓ **Wear Protection:** Forms a durable oil film, protecting engine components under high load and temperature.
- ✓ **Cold-Start Reliability:** Delivers fast lubrication in low temperatures, reducing engine wear during cold starts.
- ✓ **High-Temperature Stability:** Resists oxidation and breakdown at high operating temperatures.

## Specifications

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

- API: SN, SN-RC & SP
- ILSAC: GF-5 & GF-6A
- GM: 4718M, 6094M, Dexos™ 1 Gen 2 & Dexos™ 1 Gen 3
- Chrysler: MS-6395

## Typical Properties

| Property                                         | Method     | Typical Value  |
|--------------------------------------------------|------------|----------------|
| Appearance                                       | Visual     | Clear & Bright |
| Density @ 15°C (g/cm <sup>3</sup> )              | ASTM D4052 | 0.846          |
| Kinematic Viscosity @ 40°C (mm <sup>2</sup> /s)  | ASTM D445  | 40             |
| Kinematic Viscosity @ 100°C (mm <sup>2</sup> /s) | ASTM D445  | 8              |
| Viscosity Index                                  | ASTM D2270 | 175            |
| Pour Point (°C)                                  | ASTM D97   | -44            |
| Flash Point (°C)                                 | ASTM D93   | 224            |
| Total Base Number (TBN), mg KOH/g                | ASTM D2896 | 7.5            |
| CCS @ -35°C (cP)                                 | ASTM D5293 | 5,700          |

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

## User Advice

- NORDIC 0W-20 is ideal for fuel-efficient, low-emission engines that require API SN/SP or Dexos™ specifications.

**⚠** Not suitable for engines requiring higher viscosity or older oil standards.

## 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.