

# NORDIC O53001 5W-30

*Fully Synthetic Engine Oil*

ACEA C3

API SN/CF

## Product Description

NORDIC 5W-30 engine oil is crafted for high-performance engines, adhering to the rigorous standards of ACEA C3 and API SN/CF. This fully synthetic lubricant is designed to provide outstanding protection against wear, oxidation, and thermal breakdown, ensuring optimal engine longevity and efficiency. Manufactured to meet the specifications for Mercedes-Benz (MB 229.31, 229.51 & 229.52), BMW (LL-04), Volkswagen (VW 505.00 & 505.01), GM (Dexos™ 2), and Opel (OV0401547-D30), this oil guarantees compatibility across a wide range of vehicles. Its advanced formulation enhances fuel economy and maintains excellent performance in both urban and highway driving conditions, making it an exceptional choice for discerning drivers.

## Applications

### Recommended for:

- For modern gasoline and diesel engines requiring ACEA C3 or API SN / CF performance
- Suitable for turbocharged, direct injection, and emission system-equipped vehicles
- BMW LL-04, MB 229.31 / 229.51 / 229.52, VW 505.00 / 505.01, GM Dexos2™, OV0401547-D30

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

## Performance Benefits

- ✓ **Excellent Wear Protection:** Defends against engine wear under severe conditions
- ✓ **Improved Fuel Economy:** Reduces internal friction and supports lower emissions
- ✓ **Extended Drain Intervals:** Supports longer oil-change intervals per OEM recommendation
- ✓ **Cold Start Protection:** Fast lubrication in sub-zero temperatures for critical start-up safety

## Specifications

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

- ACEA: C3
- API: SN/CF
- Mercedes-Benz MB: 229.31, 229.51 & 229.52
- BMW: LL-04
- Volkswagen VW: 505.00 & 505.01
- GM: Dexos™ 2
- Opel: OV0401547-D30

## Typical Properties

| Property                                         | Method     | Typical Value  |
|--------------------------------------------------|------------|----------------|
| Appearance                                       | Visual     | Clear & Bright |
| Density @ 15°C (g/cm <sup>3</sup> )              | ASTM D4052 | 0.85           |
| Kinematic Viscosity @ 40°C (mm <sup>2</sup> /s)  | ASTM D445  | 70             |
| Kinematic Viscosity @ 100°C (mm <sup>2</sup> /s) | ASTM D445  | 12             |
| Viscosity Index                                  | ASTM D2270 | 180            |
| Pour Point (°C)                                  | ASTM D97   | -39            |
| Flash Point (°C)                                 | ASTM D93   | 228            |
| Total Base Number (TBN), mg KOH/g                | ASTM D2896 | 8.6            |
| CCS @ -35°C (cP)                                 | ASTM D5293 | 5,900          |

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

## User Advice

- Suitable for engines using DPF, GPF, CAT, and EGR systems
- Compatible with biofuels, LPG, and hybrid engines
- Do not mix with other lubricants unless approved by the OE

 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.