

# NORDIC 053002 5W-30

*Fully Synthetic Engine Oil*

ACEA C3

API SN/CF

## Product Description

NORDIC 5W-30 engine oil is specially formulated to meet the demanding requirements of ACEA C3 and API SN/CF standards, providing superior protection for both gasoline and diesel engines. This fully synthetic oil is designed to enhance engine performance while ensuring high fuel efficiency and reduced emissions.

Manufactured to meet the specifications for Mercedes-Benz (MB 229.51), Porsche (C30), BMW (LL-04), and Volkswagen (VW 504.00 & 507.00), this oil is compatible with a diverse range of vehicles. Its advanced formulation helps to minimise wear and tear, ensuring optimal engine cleanliness and longevity under various driving conditions.

## Applications

### Recommended for:

- Passenger cars and light commercial vehicles requiring ACEA C3 or API SN/CF oils
- Engines with DPF, SCR, and catalytic converters
- OEM requirements including: BMW: Longlife-04 (LL-04), Mercedes-Benz: 229.51, Porsche: C30, Volkswagen: 504.00 & 507.00

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

## Performance Benefits

- ✓ **Extended Drain Intervals:** Supports OEM-recommended long oil change intervals
- ✓ **Advanced Engine Protection:** Maintains film strength and protection at high temperatures
- ✓ **High Shear Stability:** Ensures consistent performance in high-stress conditions
- ✓ **Clean Engine Operation:** Reduces sludge and deposit formation

## Specifications

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

- API: C3
- API: SN/CF
- Mercedes-Benz MB: 229.51
- BMW: LL-04
- Porsche: C30
- Volkswagen VW: 504.00 & 507.00

## Typical Properties

| Property                                         | Method     | Minimum | Typical | Maximum |
|--------------------------------------------------|------------|---------|---------|---------|
| Kinematic Viscosity @ 40°C (mm <sup>2</sup> /s)  | ASTM D445  | 60.0    | 68.0    | 76.0    |
| Kinematic Viscosity @ 100°C (mm <sup>2</sup> /s) | ASTM D445  | 9.60    | 11.20   | 12.80   |
| Viscosity Index                                  | ASTM D2270 | 152     | 163     | 178     |
| Total Base Number (TBN), mg KOH/g                | ASTM D2896 | 7.0     | 8.0     | 9.0     |
| Flash Point (°C)                                 | ASTM D97   | 220°C   | 230°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

- Suitable for use in vehicles requiring engine oils for after-treatment system protection
- Recommended for high-performance European vehicles including VW, Porsche, MB, and BMW

**⚠ 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.