

NORDIC O54001 5W-40

Fully Synthetic Engine Oil

ACEA C3

API SN/CF

Product Description

NORDIC 5W-40 engine oil is formulated to meet the stringent requirements of ACEA C3 and API SN/CF, providing superior performance and protection for both gasoline and diesel engines. This high-quality fully synthetic lubricant is designed to deliver enhanced wear protection and thermal stability, making it suitable for a wide range of driving conditions.

It is compatible with vehicles requiring Mercedes-Benz MB 229.31 and 229.51 specifications, ensuring its reliability for high-performance engines. Additionally, it meets BMW LL-04, Volkswagen VW 505.00 & 505.01, Fiat 9.55535-H2 & 9.55535-S2, Ford WSS-M2C917-A, and Opel OV0401547-D40 standards, making it a versatile choice for modern vehicles. This oil formulation not only promotes engine cleanliness but also aids in optimising fuel efficiency.

Applications

Recommended for:

- Passenger cars and light commercial vehicles
- Turbocharged and naturally aspirated gasoline and diesel engines
- Engines equipped with after-treatment devices such as DPF and TWC
- Vehicles requiring low-SAPS ACEA C3-compliant lubricants

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

Performance Benefits

- ✓ **High Oxidation & Thermal Stability:** Enhances oil longevity and engine durability
- ✓ **Fuel Economy & Clean Emission:** Reduces engine friction and contributes to lower CO₂ emissions
- ✓ **Engine Cleanliness:** Minimises sludge and deposit formation
- ✓ **Wear Protection:** Provides high film strength and protects against engine wear
- ✓ **Wide Operating Range:** Excellent low-temperature fluidity and high-temperature stability

Specifications

NORDIC 5W-40 meets or exceeds the requirements of Industry Standards / Suitable for:

- ACEA: C3
- API: SN/CF
- Mercedes-Benz MB: 229.31 & 229.51
- BMW: LL-04
- Volkswagen VW: 505.00 & 505.01
- Fiat: 9.55535-H2 & 9.55535-S2
- Ford: WSS-M2C917-A
- Opel: OV0401547-D40

Typical Properties

Property	Method	Typical Value
Appearance	Visual	Clear & Bright
Density @ 15°C (g/cm ³)	ASTM D4052	0.854
Kinematic Viscosity @ 40°C (mm ² /s)	ASTM D445	85
Kinematic Viscosity @ 100°C (mm ² /s)	ASTM D445	14
Viscosity Index	ASTM D2270	182
Pour Point (°C)	ASTM D97	-40
Flash Point (°C)	ASTM D93	232
Total Base Number (TBN), mg KOH/g	ASTM D2896	10
CCS @ -35°C (cP)	ASTM D5293	6,500

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

User Advice

- Use only in vehicles requiring oils that meet ACEA C3 and API SN/CF
- Do not mix with non-compatible lubricants
- Check oil levels regularly and follow recommended drain intervals

 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.