

NORDIC O54002 5W-40

Fully Synthetic Engine Oil

ACEA A3/B4

API SN/CF

Product Description

NORDIC 5W-40 engine oil is expertly crafted to meet the demanding specifications of ACEA A3/B4 and API SN/CF, offering exceptional performance for both gasoline and diesel engines. This fully synthetic lubricant delivers outstanding protection against wear and thermal breakdown, ensuring longevity and reliability in high-stress driving conditions.

It is compatible with a variety of OEM requirements, including Mercedes-Benz MB 229.3 & 229.5, Porsche A40, BMW LL-01 & LL-98, and Volkswagen VW 502.00 & 505.00, highlighting its versatility for modern vehicles. Additionally, it meets PSA B71 2296 and Renault RN0700 & RN0710 standards, making it a suitable choice for a wide range of applications. This oil formulation not only enhances engine cleanliness but also supports optimal fuel efficiency, contributing to a smoother driving experience.

Applications

Recommended for:

- Gasoline, LPG, and diesel passenger cars and light commercial vehicles
- Engines without DPF, including turbocharged and direct injection systems
- OEMs requiring ACEA A3/B4 and API SN/CF performance
- Extended oil drain intervals per OEM approval

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

Performance Benefits

- ✓ **Excellent High-Temperature Stability:** Maintains film strength under thermal stress
- ✓ **Superior Detergency:** Reduces sludge and varnish for cleaner engine internals
- ✓ **Outstanding Shear Stability:** Preserves viscosity under mechanical stress
- ✓ **Cold Start Protection:** Rapid lubrication during low-temperature starts
- ✓ **Broad OEM Compatibility:** Meets the needs of major European manufacturers

Specifications

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

- ACEA: A3/B4
- API: SN/CF
- Mercedes-Benz MB: 229.3 & 229.5
- Porsche: A40
- BMW: LL-01 & LL-98
- Volkswagen VW: 502.00 & 505.00
- PSA: B71 2296
- Renault: RN0700 & RN0710

Typical Properties

Property	Method	Typical Value
Appearance	Visual	Clear & Bright
Density @ 15°C (g/cm ³)	ASTM D4052	0.855
Kinematic Viscosity @ 40°C (mm ² /s)	ASTM D445	83
Kinematic Viscosity @ 100°C (mm ² /s)	ASTM D445	13.5
Viscosity Index	ASTM D2270	181
Pour Point (°C)	ASTM D97	-40
Flash Point (°C)	ASTM D93	230
Total Base Number (TBN), mg KOH/g	ASTM D2896	10.2
CCS @ -35°C (cP)	ASTM D5293	6,600

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

User Advice

- Do not use in engines equipped with DPF
- Avoid mixing with non-ACEA A3/B4 or API SN/CF product
- Follow OEM recommendations for oil drain intervals and service guidelines

⚠ 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.