

# NORDIC O53018 5W-30

*Fully Synthetic Engine Oil*

ACEA A3/B4

API SL/CF

## Product Description

NORDIC 5W-30 engine oil is engineered to meet the rigorous standards of ACEA A3/B4 and API SL/CF, making it an exceptional choice for both gasoline and diesel engines. This fully synthetic lubricant provides outstanding thermal stability and wear protection, ensuring optimal engine performance under a variety of driving conditions. It is recommended for use in vehicles requiring Mercedes-Benz MB 229.3, enhancing its reliability for high-performance engines. Additionally, it complies with BMW LL-01 and LL-98, Volkswagen VW 502.00 & 505.00, GM LL-A-025 & LL-B-025, and Opel B-040-2095 & B-040-2098 specifications, which makes it versatile enough for a range of modern vehicles.

## Applications

### Recommended for:

- Modern gasoline and light-duty diesel engines, with or without turbocharging
- Multi-valve and direct injection engines
- Extended service intervals in accordance with OEM recommendations

⚠ Always check the vehicle owner's manual for the correct oil specification before use.

## Performance Benefits

- ✓ **High Thermal & Oxidation Stability:** Maintains viscosity and performance at high operating temperatures
- ✓ **Enhanced Wear Protection:** Extends engine life under both high-load and urban stop-start driving
- ✓ **Clean Engine Performance:** Controls deposits and sludge buildup in modern engines
- ✓ **Fuel Efficiency & Extended Drain Compatibility:** Designed for longer service intervals with OEM approval
- ✓ **Cold Start Performance:** Quick lubrication in low temperatures reduces start-up wear

## Specifications

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

- ACEA: A3/B4
- Mercedes-Benz MB: 229.3
- GM: LL-A-025 & LL-B-025
- API: SL/CF
- BMW: LL-01 & LL-98
- Opel: B-040-2095 & B-040-2098
- Volkswagen VW: 502.00 & 505.00

## Typical Properties

| Property                                         | Method     | Typical Value  |
|--------------------------------------------------|------------|----------------|
| Appearance                                       | Visual     | Clear & Bright |
| Density @ 15°C (g/cm <sup>3</sup> )              | ASTM D4052 | 0.852          |
| Kinematic Viscosity @ 40°C (mm <sup>2</sup> /s)  | ASTM D445  | 70.5           |
| Kinematic Viscosity @ 100°C (mm <sup>2</sup> /s) | ASTM D445  | 12.2           |
| Viscosity Index                                  | ASTM D2270 | 180            |
| Pour Point (°C)                                  | ASTM D97   | -39            |
| Flash Point (°C)                                 | ASTM D93   | 229            |
| Total Base Number (TBN), mg KOH/g                | ASTM D2896 | 8.8            |
| CCS @ -35°C (cP)                                 | ASTM D5293 | 6,200          |

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

## User Advice

- Do not mix with oils that do not meet ACEA A3/B4 or API SL/CF
- Monitor oil level regularly for high-mileage or high-load usage

 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.