



EURO LX 5W-40

Full-Synthetic Full-SAPS Engine Oil — High-Performance European Gasoline & Select Diesel, SAE 5W-40

Rev: May 19, 2026

DESCRIPTION

TRIAX Euro LX 5W-40 is a full-SAPS, full-synthetic engine oil engineered for high-performance, electronically fuel-injected European engines — including turbocharged and supercharged gasoline engines and select diesel applications. Fully friction-optimized with TRIAX's proprietary friction modifier system, it delivers outstanding wear protection, turbocharger longevity, and overall engine performance. It is designed for the demanding high-horsepower, high-torque engines of Mercedes-Benz, BMW, Audi, Porsche, Ferrari, Lamborghini, Maserati, and others — including the motorsport variants (BMW M, Audi S, Mercedes-AMG) — as well as EcoDiesel engines requiring the Chrysler MS-12991 specification. The robust full-SAPS additive system and shear-stable base oils maintain film integrity at extreme operating temperatures and support extended drain intervals.

PERFORMANCE HIGHLIGHTS

- **Extreme durability and shear stability** — long-lasting protection for high-horsepower, high-torque engines under sustained load
- **Significantly reduced deposits and cam wear** — up to 90% fewer deposits versus ACEA A3/B4 standards* and up to 70% less cam wear versus industry standards**
- **State-of-the-art detergent system** — keeps engines clean for 250,000 miles and beyond, with near-zero deposits on piston rings, turbocharger, and valves throughout service life
- **Outstanding turbocharger protection** — helps prevent coking, varnish, and premature bearing failure in turbocharged and supercharged applications
- **High-temperature film integrity** — HTHS of 4.1 cP delivers robust protection in high-output engines at very high operating temperatures
- **Extended drain capability** — up to 25,000 miles** under longlife service conditions in mechanically sound engines
- **OEM warranty coverage** — suitable for full service of vehicles still in OEM warranty per the specifications listed below

*Based on Mercedes-Benz M271 sludge test using 5W-30. **Based on Mercedes-Benz OM646LA engine test using 5W-30; drain interval represents the lubricant's capability under normal duty in a mechanically sound engine with regular oil analysis and no aftermarket additives. Always consult the vehicle owner's manual.

SPECIFICATIONS & APPLICATIONS

TRIAX Euro LX 5W-40 is recommended for high-performance European gasoline and select diesel engines requiring a 5W-40 full-SAPS oil — including Mercedes-Benz, BMW, Audi, Porsche, Ferrari, Lamborghini, and Maserati, plus their motorsport variants (BMW M, Audi S, Mercedes-AMG).

For use in applications requiring the following OEM and industry specifications:

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|-----------------------------|--------------------------------------|---------------------|
| ■ ACEA A3/B4 | ■ Fiat FPT 9.55535-Z2 | ■ Chrysler MS-10725 |
| ■ Mercedes-Benz MB 226.5 | ■ Opel GM-LL-B-025 | ■ Chrysler MS-10850 |
| ■ BMW Longlife-01 | ■ Ferrari / PSA B71 2296 | ■ Fiat 9.55535-H2 |
| ■ Porsche A40 | ■ PSA B71 2290 | ■ Fiat 9.55535-M2 |
| ■ VW / Audi 502 00 / 505 00 | ■ Lamborghini | ■ Fiat 9.55535-N2 |
| ■ API SP, SN | ■ Maserati | ■ GWM |
| ■ Renault RN0700 / RN0710 | ■ Jeep / Chrysler EcoDiesel MS-12991 | ■ HAVAL |

TYPICAL PROPERTIES

Parameter	TRIAX Euro LX 5W-40	Test Method
Viscosity, Kinematic @ 40 °C, cSt	88.0	ASTM D7042
Viscosity, Kinematic @ 100 °C, cSt	14.8	ASTM D7042
Viscosity Index	180	ASTM D2270
HTHS Viscosity @ 150 °C, cP	4.1	ASTM D5481
Flash Point, °C (°F)	226 (439)	ASTM D92
Pour Point, °C (°F)	-45 (-49)	ASTM D97
Low-Temperature Pumpability (MRV) @ -35 °C, cP	≤ 55,000	ASTM D4684
Specific Gravity @ 60 °F	0.856	ASTM D4052
Total Base Number (TBN), mg KOH/g	10.4	ASTM D2896
Sulfated Ash, wt %	1.1 – 1.6	ASTM D874

These are typical values; small differences in actual values are a normal part of production and do not affect product performance. Product formulations are subject to change without notice.