



TRIAX Euro LX 5W-40

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

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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. 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
- **Up to 90% less** deposits vs. ACEA A3/B4 standards* and **up to 70% less** cam wear vs. industry standards**
- **State-of-the-art detergent system** keeps engines clean for 250,000 miles and beyond — near-zero deposits on piston rings, turbocharger, and valves throughout its life
- Unmatched turbocharger protection — prevents coking, varnish, and premature bearing failure in turbo and supercharged applications
- Maintains film integrity even at very high operating temperatures — HTHS of 4.51 cP delivers robust protection in high-output engines
- Extended drain intervals up to 25,000 miles** under longlife service conditions in mechanically sound engines
- 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).

Meets or exceeds the following European OEM and industry specifications:

- ACEA A3/B4
- Mercedes-Benz MB 226.5
- BMW Longlife-01
- Porsche A40
- VW / Audi 502 00 / 505 00
- Renault RN0700 / RN0710
- Fiat FPT 9.55535-Z2; Opel GM-LL-B-025
- Ferrari / PSA B71 2296
- Lamborghini
- Maserati
- Jeep / Chrysler Eco Diesel MS-12991
- API SP, SN

TYPICAL PROPERTIES

Parameter	TRIAX Euro LX 5W-40	Test Method
Viscosity, Kinematic @ 100 °C, cSt	14.3	ASTM D445
Viscosity Index	176	ASTM D2270
Flash Point, °C (°F)	226 (439)	ASTM D92
Pour Point, °C (°F)	-45 (-49)	ASTM D97
Specific Gravity @ 60 °F	0.856	ASTM D4052
HTHS Viscosity @ 150 °C, cP	4.51	ASTM D5481
Total Base Number (TBN), mg KOH/g	10.4	ASTM D2896

These are typical values. There may be small differences in actual values which are a normal part of production and do not affect product performance.