PRODUCT DATA SHEET

TRIAX Euro LV 0W-30

Full-Synthetic Low-SAPS Engine Oil — For European Diesel & Select Gasoline Engines Requiring SAE 0W-30 ACEA C2

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DESCRIPTION

TRIAX Euro LV 0W-30 is a full-synthetic, low-friction engine oil engineered for the latest generation of BMW, VW/Audi, Mercedes-Benz, Volvo, and Land Rover gasoline and diesel engines — including turbocharged and twin-turbocharged applications — specifying SAE 0W-30 ACEA C2. The high PAO/ester base oil platform with TRIAX's proprietary nano-boron and MoDTC friction modifier package and low-SAPS detergent system delivers low NOACK volatility, superb cold-temperature pumpability, extreme shear stability, reduced engine wear, and complete compatibility with three-way catalysts, DPF, and SCR (AdBlue) aftertreatment systems.

PERFORMANCE HIGHLIGHTS

- Extended drain interval: 15,000 miles or 2 years (whichever comes first)** under normal service in mechanically sound engines, supporting full OEM warranty compliance per the specifications listed
- **Dual nano-boron and MoDTC friction modifier system:** proprietary TRIAX friction-reduction chemistry significantly reduces wear on critical engine components, lowers friction coefficient, and improves fuel economy
- **High PAO/ester base oil platform** delivers exceptional shear stability, low NOACK volatility (low oil consumption), and high-temperature film integrity even under sustained high-load operation
- Outstanding turbocharger protection — prevents coking, varnish, and bearing failure on hot-soak shutdown in modern small-displacement turbocharged engines
- Low-SAPS (sulfated ash < 1.0%) chemistry protects three-way catalytic converters, diesel particulate filters (DPF), and SCR (AdBlue) systems from poisoning and premature blockage
- State-of-the-art detergent/dispersant system keeps engines clean for 250,000 miles and beyond — near-zero deposits on piston rings, valves, and oil galleries; quiet, efficient hydraulic tappet/lifter operation
- Suitable for full service of vehicles still in OEM warranty per the specifications listed below

***Drain interval represents the lubricant's capability under normal duty in a mechanically sound engine with regular oil analysis and no aftermarket additives. Use only where an SAE 0W-30 ACEA C2 oil meeting the specifications listed is called for. Always consult the vehicle owner's manual.*

SPECIFICATIONS & APPLICATIONS

TRIAX Euro LV 0W-30 is recommended for European high-performance turbo and twin-turbo gasoline and diesel engines from BMW, VW/Audi, Mercedes-Benz, Volvo, and Land Rover specifying SAE 0W-30 ACEA C2, and any DPF/SCR-equipped vehicle requiring a 0W-30 ACEA C2 oil (Ford, Mazda, Mitsubishi, Nissan, and others).

For use in applications calling for the following specifications:

- API SN, API SL
- ACEA C2
- BMW Longlife-12 FE+
- Mercedes-Benz MB 229.61
- Volvo 95200377
- Land Rover STJLR.03.5007
- Land Rover gasoline & diesel 0W-30 applications
- Suitable for Ford, Mazda, Mitsubishi, Nissan & others requiring 0W-30 ACEA C2

TYPICAL PROPERTIES

Parameter	TRIAX Euro LV 0W-30	Test Method
Viscosity, Kinematic @ 40 °C, cSt	**55.4**	**DIN 51562**
Viscosity, Kinematic @ 100 °C, cSt	**10.4**	**DIN 51562**
Viscosity Index	**178**	**DIN ISO 2909**
Flash Point, °C (°F)	**236 (457)**	**DIN ISO 2592**
Pour Point, °C (°F)	**-48 (-54)**	**DIN ISO 3016**
Density @ 15 °C, kg/m³	**843**	**DIN 51757**
HTHS Viscosity @ 150 °C, cP	**3.2**	**ASTM D5481**
Dynamic Viscosity (CCS) @ -35 °C, cP	**6150**	**DIN 51377**
Total Base Number (TBN), mg KOH/g	**7.8**	**DIN ISO 3771**

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