PRODUCT DATA SHEET

TRIAX Euro VXL 0W-30

Full-Synthetic Low-SAPS Engine Oil — For European Diesel (DPF) & Gasoline Engines Requiring SAE 0W-30 ACEA C3

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DESCRIPTION

TRIAX Euro VXL 0W-30 is a friction-modified, low-ash, long-life full-synthetic engine oil with the widest application range in the TRIAX European line. Specifically designed for European gasoline and diesel cars (with DPF) — with emphasis on ultra-high-performance, high-compression European diesels — it combines low volatility, exceptionally high wear protection, and excellent thermal stability under severe stress. The 0W-30 grade adds rapid cold-start oil delivery, reaching critical components faster at low ambient temperatures while retaining full SAE 30 film strength at operating temperature. The low-SAPS formulation delivers considerable oil longevity (exceeding 15,000 miles / ~25,000 km), excellent detergency, sludge control, and oxidation stability, while ensuring complete compatibility with diesel particulate filters (DPF) and SCR (AdBlue) emissions systems.

PERFORMANCE HIGHLIGHTS

- Extreme durability and shear stability — long-lasting protection for high-horsepower, high-performance European engines
- **State-of-the-art detergent system** keeps engines clean for 250,000 miles and beyond — near-zero deposits on piston rings and valves throughout its life
- **Rapid cold-start protection** — 0W cold-crank performance for immediate oil delivery and faster turbo spool-up in cold climates
- Very low friction coefficient minimizes engine wear; exceptionally quiet and efficient hydraulic tappet operation
- Unmatched turbocharger protection — prevents coking and deposit-related failure in high-output turbo engines
- Low-SAPS (sulfated ash < 0.8%) chemistry provides complete protection for catalytic converters, diesel particulate filters (DPF), and SCR (AdBlue) systems
- Maintains film integrity even at high operating temperatures under severe stress
- Suitable for full service of vehicles still in OEM warranty per the specifications listed below

SPECIFICATIONS & APPLICATIONS

TRIAX Euro VXL 0W-30 is designed for a wide range of Mercedes-Benz, VW, Audi, and BMW diesel and gasoline vehicles, SUVs, and light trucks requiring an ACEA C3, VW 507.00, or VW 504.00 low-SAPS engine oil — including diesel vehicles fitted with DPF and SCR emissions systems. Also suitable for any application requiring an ACEA C2 oil, or US vehicles requiring API SP / SN Plus.

For use in applications requiring the following specifications and / or OEM approvals / part numbers:

- ACEA C3
- VW 504 00, VW 507 00
- BMW LL-04 (DPF)
- BMW LL-12 FE
- BMW LL-01 FE
- Mercedes-Benz MB 229.31, 229.52, 229.51
- Porsche C30
- Opel OV 040 1547-G30 / OV 040 1547 D30
- Chrysler MS-13340
- API SP
- VW 502 00, 505 00

TYPICAL PROPERTIES

Parameter	TRIAX Euro VXL 0W-30	Test Method
Viscosity, Kinematic @ 40 °C, cSt	**61.2**	**ASTM D445**
Viscosity, Kinematic @ 100 °C, cSt	**11.0**	**ASTM D445**
Viscosity Index	**175**	**ASTM D2270**
Flash Point, °C (°F)	**225 (437)**	**ASTM D92**
Pour Point, °C (°F)	**-49 (-56)**	**ASTM D97**
Density @ 15 °C, g/mL	**0.843**	**ASTM D4052**
CCS Viscosity @ -35 °C, cP	**5,950**	**ASTM D5293**
MRV Viscosity @ -40 °C, cP	**24,440**	**ASTM D4684**
HTHS Viscosity @ 150 °C, cP	**3.5**	**ASTM D5481**
Sulfated Ash, % wt	**< 0.8**	**ASTM D874**

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