



TRIAX Euro VX 5W-30

Full-Synthetic Mid-SAPS Engine Oil — For European Diesel (DPF) & Gasoline Engines Requiring SAE 5W-30 ACEA C3

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DESCRIPTION

TRIAX Euro VX 5W-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 mid-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
- **Up to 90% less** deposits vs. ACEA C3-16 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 and valves throughout its life
- 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
- Mid-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

*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 VX 5W-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 mid-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.

Meets or exceeds the following European OEM and industry specifications:

Meets or Exceeds:

- ACEA C3
- VW 504 00, VW 507 00 (Approval Pending)
- BMW LL-04 (DPF)
- Mercedes-Benz MB 229.31, 229.52, 229.51 (Approval Pending)
- Porsche C30
- VW 500 00, 501 01, 502 00
- Opel OV 040 1547-G30 / OV 040 1547 D30
- Chrysler MS-13340
- API SP

Also Recommended For:

- ACEA C2 (suitable for use)
- BMW LL-01, LL-01 FE (up to 2018)
- Fiat 9.55535-S1, 9.55535-S3
- VW 503 00/01, 505 00/01, 506 00/01; GWM / HAVAL

TYPICAL PROPERTIES

Parameter	TRIAX Euro VX 5W-30	Test Method
Viscosity, Kinematic @ 40 °C, cSt	69	ASTM D445
Viscosity, Kinematic @ 100 °C, cSt	12	ASTM D445
Viscosity Index	172	ASTM D2270
Flash Point, °C (°F)	226 (439)	ASTM D92
Pour Point, °C (°F)	-45 (-49)	ASTM D97
Specific Gravity @ 60 °F	0.841	ASTM D4052
HTHS Viscosity @ 150 °C, cP	3.62	ASTM D5481
Sulfated Ash, % wt	< 0.8	ASTM D874

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