

TEC-GUARD

EXTREME

TEC-GUARD EXTREME EURO PREMIUM FULL SYNTHETIC



TEC-GUARD EXTREME EURO PREMIUM FULL SYNTHETIC, features Low-SAPS additive technology to provide protective power and deliver Maintenance Savings. **TEC-GUARD EXTREME EURO PREMIUM FULL SYNTHETIC** is particularly suited for a wide range of trucking and transportation applications in modern low-emission vehicles from Mercedes-Benz, MAN, Volvo and others. Especially suitable for fleets with mixed Euro 2, 3, 4, 5, and 6 engine types. **TEC-GUARD EXTREME EURO PREMIUM FULL SYNTHETIC** meets the latest requirements of most OEMs for Euro 4, 5, 6 engines and exceeds the performance requirements of industry specifications such as ACEA E9 and API CK-4. **TEC-GUARD EXTREME EURO PREMIUM FULL SYNTHETIC** is approved for use in buses and trucks fitted with engines designed to run on 100% CNG such as those from Mercedes-Benz and MAN. **TEC-GUARD EXTREME EURO PREMIUM FULL SYNTHETIC** is suitable for use with biodiesel per the OEM recommended oil drain intervals.

TEC-GUARD EXTREME EURO PREMIUM FULL SYNTHETIC meets the long oil drain requirements of Mercedes-Benz, MAN and others from the latest Euro 6 to older generation engines, to allow operators to optimize maintenance schedules and control maintenance cost. **TEC-GUARD EXTREME EURO PREMIUM FULL SYNTHETIC** contains advanced low-ash formulation to help control blocking of or poisoning of exhaust after-treatment devices, helping maintain vehicle emission compliance and engine fuel efficiency. **TEC-GUARD EXTREME EURO PREMIUM FULL SYNTHETIC** contains unique additive technology to deliver high levels of piston cleanliness essential for long engine life and wear protection. **TEC-GUARD EXTREME EURO PREMIUM FULL SYNTHETIC** can save money in fuel consumption compared to high viscosity grades.

Approvals & Recommendations

SPECIFICATIONS

- ACEA E11, E8, E7
- API CK-4/SN
- CAT ECF-3
- JASO DH-2

APPROVALS

- DEUTZ DQC IV-18 LA

- DTFR 15C100
- DTFR 15C110
- MACK EOS-4.5
- MAN M 3775
- MTU DDC TYPE 3.1
- RENAULT RLD-3
- VOLVO VDS-4.5

RECOMMENDATIONS

- ACEA E9, E6
- CUMMINS CES 20086
- DETROIT DIESEL 93K222
- IVECO 18-1804 CLASSETLS E9
- MAN M 3477
- MAN M 3575

- MB 228.31
- MB 228.51
- RENAULT RLD-4
- SCANIA LA

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Synthetic Heavy Duty Diesel Engine Oil

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EURO PREMIUM FULL SYNTHETIC



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Properties	Method	EURO PREMIUM
Density @ 15°C	DIN 51757	0.863 g/ml
SAE Grade	SAE J300	10W-40
Kinematic Viscosity @ 40°C	DIN 51562-1	99.2 mm ² /s
Kinematic Viscosity @ 100 °C	DIN 51562-1	14.3 mm ² /s
Viscosity Index	DIN ISO 2909	149
HTHS	ASTM D4683	≥3.5 mPas
Pour Point	DIN ISO 3016	-45 °C
Sulphated Ash	DIN 51575	≤1.0 % m/m
Product Dyeing	DIN 10964	none

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