



DESCRIPTION

Lubricant formulated with very high-performance synthetic technology for heavy-duty diesel engines and light commercial vehicles. Specially designed for Euro VI, V and earlier engines equipped with gas post-treatment systems, due to low ash, phosphorus and sulfur (Low SAPS) content, as well as urban buses operating on CNG.

PRODUCT APPLICATIONS

- In mixed fleets of buses and long-haul trucks, with multi-brand Euro V and Euro VI engines. It is also suitable for previous engines and for gas engines running on CNG gas.
- Designed for vehicles equipped with exhaust after-treatment systems, such as particulate filters (DPF), continuous regeneration traps (CRT) and EcoBlue® selective catalytic reduction by injection (SCR) systems that require low ash oils, optimizing their useful life and saving on maintenance.
- Product focused on lubrication for engines of European manufacturers.

PRODUCT PERFORMANCE

- It provides an excellent level of cleanliness that ensures longer engine life and prevents breakdowns caused by the formation of deposits and sludge.
- Its high viscosity index allows easy starting at low temperatures and a sufficient oil film in hot climates, protecting the engine from excessive wear at most crucial times it is used.
- It contributes to fuel economy and allows long oil drain intervals.
- It can be used in biodiesel engines (always following the drain interval indicated in the vehicle manual).

SPECIFICATIONS

- ACEA E8, E11, E6, E9, E7
- API CK-4
- MAN M 3775/3477/3271-1
- JASO DH-2
- Mack EOS-4.5
- DTFR 15C120 (MB-Approval 228.52)
- Volvo VDS-4.5
- Renault RLD-3
- Scania Low Ash
- DTFR 15C110 (MB-Approval 228.51)
- Detroit Diesel DDC93K222
- Cummins CES 20086
- Iveco 18-1804 TLS E9
- MTU Type 3.1
- Deutz DQC IV-18 LA
- CAT ECF-3
- DAF PSQL 2.1E-LD



TYPICAL CHARACTERISTICS

CHARACTERISTIC	UNITS	METHOD	TRACTION ADVANCED LE 10W40
SAE Grade	-	-	10W-40
Density at 15°C	g/ml	ASTM D 4052	0.869
Viscosity at 100°C	cSt	ASTM D 445	14.9
Viscosity at 40°C	cSt	ASTM D 445	105
Viscosity Index	-	ASTM D 2270	148
CCS Viscosity at -25° C	cP	ASTM D 5293	6660
Pour Point	°C	ASTM D 5950	-45
Flash Point, COC	°C	ASTM D 92	222
Base number, TBN	mg KOH/g	ASTM D 2896	10.3
Sulfated ash	% (m/m)	ASTM D 874	0.85

HEALTH & SAFETY AND ENVIRONMENT

A Material Safety Data Sheet providing information on product hazards, handling precautions, first aid measures, and relevant environmental data is available for this product as per applicable legislation.