



PRODUCT DATA SHEET



EKO FORZA ULTRA LE 15W-40 Lubricant for commercial vehicle engines

DESCRIPTION

EKO FORZA ULTRA LE 15W-40 is a synthetic technology lubricant especially designed for modern, high-performance diesel engines with low exhaust emissions (EURO 4, EURO 5 and EURO 6) equipped with emission control systems EGR, SCR, diesel oxidation catalyst (DOC) and DPF filters.

SPECIFICATIONS

ACEA E9, API CJ-4/CI-4+/CI-4, API SN/CF, MB 228.31, MAN M3575, MTU Type 2.1, CUMMINS CES 20081, Caterpillar ECF-2, ECF-3, DEUTZ DQC III-10 LA, DDC 93K218, Global DHD-1 (engine tests), JASO DH-2 (engine tests).

APPROVALS

VOLVO STD 417-0001: VOLVO VDS-4, MACK EO-O Premium Plus, RENAULT VI RLD-3.

APPLICATIONS

- Modern low-emission diesel engines.
- Fully compatible with older technology diesel engines.
- Suitable for very demanding on and off-road applications.
- Meets the latest specifications set by major engine manufacturers (VOLVO, MAN, MERCEDES BENZ, DETROIT DIESEL, CUMMINS, CATERPILLAR), allowing for the use of one lubricant for mixed fleets of commercial vehicles and earthmoving equipment.
- Meets API SN specification and is, therefore, also suitable for gasoline engines.

SPECIAL INSTRUCTIONS. The lubricant recommendation for EURO 6 engines varies depending on the manufacturer; please consult the vehicle manual.



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ADVANTAGES

- Effective exhaust emissions control.
- Long oil drain intervals.
- Higher engine cleanliness.
- Optimal engine anti-wear protection.
- Excellent performance at low temperatures.
- Compatible with modern emission control systems.
- Low SAPS lubricant: reduces deposits and increases performance and lifespan of DPF filters.
- Suitable for mixed fleets of diesel and gasoline engines of different manufacturers and age.

TYPICAL CHARACTERISTICS

Properties	Methods	Units	EKO FORZA ULTRA LE 15W-40
SAE Viscosity Grade	-	-	15W-40
Kinematic viscosity at 100°C	ASTM D 445	cSt	15.3
Kinematic viscosity at 40°C	ASTM D 445	cSt	112.5
Viscosity index (VI)	ASTM D 2270	-	142
Density at 15°C	ASTM D 4052	g/ml	0.870
Sulfated ash	ASTM D 874	% w/w	1.0
Base number, TBN	ASTM D2896	mg KOH/g	7.8
Pour Point	ASTM D 5950	°C	-36
Flash Point	ASTM D 92	°C	238

HEALTH AND SAFETY

Protect the environment while disposing of used product. Used lubricants should be collected at specific points to ensure they do not pollute the environment. Do not mix with solvents, brake fluids, antifreeze fluids and water, to allow for proper handling.

Issue 4, 24 April 2018

This data sheet provides basic information on the product as at the date of drafting. For further information regarding applications, please contact EKO ABEE Technical Support, tel. +30 210 5509 511 and +30 210 7725 418. Advice on safe handling is provided in the Safety Data Sheet.