



TECHNICAL SPECIFICATIONS



EKO FORZA ULTRA LE SAE 15W-40 Commercial vehicle engine oil

DESCRIPTION

EKO FORZA ULTRA LE 15W-40 is an advanced technology, semi-synthetic heavy duty diesel engine oil, specially developed for modern, high-output and low-emissions (EURO 5 and EURO 6) engines equipped with modern exhaust after treatment systems including Exhaust Gas Recirculation (EGR), Selective Catalytic Reduction (SCR) and diesel particulate filters (DPF).

It provides the same excellent performance in older generation engines.

SPECIFICATIONS

ACEA E9/E7, API CJ-4/CI-4+/CI-4, API SM/CF, MB 228.31, MAN M3575, MTU Type 2.1, MACK EO-O Premium Plus, RENAULT VI RLD-3, CUMMINS CES 20081, CATERPILLAR ECF-2, ECF-3, DEUTZ DQC III-10 LA, DDC 93K218, Global DHD-1, JASO DH-2.

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

APPLICATIONS

Suitable for on-highway severe duty diesel vehicles and off-highway equipment used in construction, mining and agriculture.

EKO FORZA ULTRA LE 15W-40 meets the most demanding specifications of key OEMs (VOLVO, MAN, MERCEDES BENZ, CUMMINS, CATERPILLAR), allowing the use of one engine oil for mixed fleets of several engine makes. Suitable also for older generation diesel engines and for gasoline engines, where manufacturer suggests API SM quality level.

Note: Oil recommendation for EURO 6 engines differs depending on vehicle's manufacturer. You should always consult vehicle's handbook.

BENEFITS

- Outstanding thermal and oxidation stability which reduces deposits and sludge build-up and provides increased engine cleanliness and extended engine and oil life.
- Its low ash technology effectively protects exhaust after-treatment systems and increases their lifetime, ensuring compliance with emissions legislation.

The information provided from this data sheet is accurate as of the date printing. For more information/ clarifications, please contact EKO ABEE Technical Support,
Tel. + 30 210 5509 511, +30 210 7725 418.
For recommendations on safe handling and use of this product, please refer to Safety Data Sheet.



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- Superior anti-wear performance which prolongs engine life.
- Excellent capability of retaining TBN which offers increased corrosion protection and extended oil-drain intervals.

TYPICAL PROPERTIES

Properties	Methods	Units	EKO FORZA ULTRA LE SAE 15W-40
SAE Classification	-	-	15W-40
Viscosity @100°C	ASTM D 445	cSt	15,3
Viscosity @40°C	ASTM D 445	cSt	112,5
Viscosity Index (VI)	ASTM D 2270	-	142
Density @ 15°C	ASTM D 4052	g/ml	0,870
Sulfated Ash	ASTM D 874	% w/w	1,0
TBN	ASTM D2896	mg KOH/g	7,8
Pour Point	ASTM D 5950	°C	-36
Flash Point	ASTM D 92	°C	238

HYGIENE AND SAFETY

Used lubricants must be collected in an authorized collection area. They must not be mixed with solvents, water, brake fluids and antifreeze. Do not dispose into drains, soil or water.

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