



PRODUCT DATA SHEET



EKO FORZA PLATINUM FORMULA LE 5W-30

Lubricant for commercial vehicle engines

DESCRIPTION

EKO FORZA PLATINUM FORMULA LE 5W-30 is a full synthetic, low SAPS technology lubricant, specially designed for modern EURO 5 and EURO 6 diesel engines fitted with diesel particulate filters (DPF).

EKO FORZA PLATINUM FORMULA LE 5W-30 lubricant meets the strict requirements of SCANIA LDF-4 specification, it is therefore suitable for modern as well as older SCANIA diesel engines, always in accordance with manufacturer recommendations.

The SAE 5W-30 viscosity grade and the full synthetic formulation of the lubricant, allow the reduction of fuel consumption without reducing the level of protection against wear, and the application of very extensive oil change intervals.

SPECIFICATIONS

ACEA E6, ACEA E7, DEUTZ DQC IV-10LA, MACK EO-N, MB 228.51, MTU Type 3.1, RENAULT RLD-2, VOLVO VDS-3, SCANIA LDF-4.

APPLICATIONS

- Suitable for EURO 5 and EURO 6 high-performance diesel engines, operating in transport vehicles and earthmoving or industrial machines.
- Compatible with any kind of emission reduction systems (EGR, SCR, DPF).
- Suitable for trucks and buses with very long oil-drain intervals.
- Particularly suitable for mixed fleets of EURO 4, EURO 5 and EURO 6 vehicles.

ADVANTAGES

- Provides up to 35% better oxidation control in Daimler Oxidation Test, compared to MERCEDES BENZ limits.

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.



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ADVANTAGES

- Provides up to 60% better protection against cylinder liner wear in Mack T-12 test, compared to VOLVO limits.
- Provides up to 85% better piston cleanliness in OM646LA test, compared to MERCEDES BENZ limits.
- Provides up to 30% better piston cleanliness in the presence of biodiesel in OM646LA Bio (CEC L-104-16) test, compared to MERCEDES BENZ limits.
- Provides up to 30% better protection against camshaft wear in OM646LA test, compared to MERCEDES BENZ limits.
- Provides the possibility of increased oil-drain intervals-up to 150000 km, and doubling the lifespan of diesel particulate filters (DPF).

TYPICAL CHARACTERISTICS

Properties	Methods	Units	EKO FORZA PLATINUM FORMULA LE 5W-30
SAE Viscosity Grade	-	-	5W-30
Density at 15°C	ASTM D4052	g/ml	0.856
Kinematic viscosity at 100°C	ASTM D445	cSt	12.08
Kinematic viscosity at 40°C	ASTM D445	cSt	74.94
Viscosity Index (VI)	ASTM D2270	-	158
CCS Viscosity at -30°C	ASTM D5293	cP	6200
Sulfated ash	ASTM D874	% w/w	1.0
Base number, TBN	ASTM D2896	mg KOH/g	10
Pour Point	ASTM D5950	°C	-37
Flash Point	ASTM D92	°C	226

SPECIAL INSTRUCTIONS

The lubricant recommendation for EURO 6 engines varies depending on the manufacturer. You should always consult the vehicle manual.

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.

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