



PRODUCT DATA SHEET



EKO FORZA PLATINUM FORMULA LE 10W-40

Lubricant for commercial vehicle engines

DESCRIPTION

EKO FORZA PLATINUM FORMULA LE 10W-40 is a full synthetic lubricant designed for EURO 4, EURO 5 AND EURO 6 diesel engines equipped with EGR and SCR modern emission control systems and diesel particulate filters (DPF).

SPECIFICATIONS

ACEA E6, E7, E9, API CI-4, MTU Type 3.1, RENAULT RXD, RGD, DAF requirements, DEUTZ DQC IV-18 LA, DQC TTCD, CUMMINS CES 20076, 20077, JASO DH-2, Caterpillar ECF-1a. Meets the requirements of MAN M3477, MAN M3271-1.

APPROVALS

“MB-Approval 228.51”, VOLVO VDS-3, RENAULT VI RLD-2, MACK EO-N.

Suitable for use: VOLVO CNG

APPLICATIONS

- Suitable for modern, heavy-duty diesel engines that operate on and off highways and require low SAPS engine oils.
- Suitable for compressed natural gas (CNG) engines.
- Meets all modern engine manufacturer requirements, allowing for the use of one lubricant for all commercial and earthmoving vehicles in mixed vehicle fleets of different manufacturers.
- Compatible with older technology engines.

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



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ADVANTAGES

- Effective emission control.
- Increased engine cleanliness and excellent wear protection, resulting in longer drain intervals.
- Excellent performance at low temperatures.
- Low SAPS engine oil: maintains effectiveness and prolongs lifespan of diesel particulate filters (DPF).
- Suitable for mixed vehicle fleets and equipment of different manufacturers and varying age.

TYPICAL CHARACTERISTICS

Properties	Methods	Units	EKO FORZA PLATINUM FORMULA LE 10W-40
SAE Viscosity Grade	-	-	10W-40
Density, 15°C	ASTM D4052	g/ml	0.862
Kinematic Viscosity, 100°C	ASTM D445	cSt	15.15
Kinematic Viscosity, 40°C	ASTM D445	cSt	101.9
Viscosity Index (VI)	ASTM D2270	-	156
Viscosity CCS, -25°C	ASTM D5293	cP	5800
Base Number, TBN	ASTM D2896	mg KOH/g	10.2
Sulfated Ash	ASTM D874	% w/w	0.92
Pour Point	ASTM D5950	°C	-36
Flash Point, COC	ASTM D92	°C	244

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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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.