



## PRODUCT DATA SHEET



### EKO FORZA PLATINUM UNIVERSAL ERSP 10W-40

Lubricant for commercial vehicle engines

#### DESCRIPTION

EKO FORZA PLATINUM UNIVERSAL ERSP 10W-40 is a full synthetic low SAPS technology lubricant suitable for modern EURO 4, EURO 5 and EURO 6 low-emission, high performance diesel engines fitted with EGR and SCR emission reduction systems, and with diesel particulate filters (DPF).

#### SPECIFICATIONS

ACEA E9, E7, E6, E4, API CJ-4, MB 228.51, 228.31, MAN M3477, M3575, M3271-1, MTU Type 3.1, CUMMINS CES 20081, CATERPILLAR ECF-3, SCANIA LOW ASH, DETROIT DIESEL 93K218, DEUTZ DQC IV-10LA, JASO DH-2-15/DH-2-17.

#### APPROVALS

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

#### APPLICATIONS

- It meets all the latest ACEA and API specifications, and the specifications of the major manufacturers such as MERCEDES BENZ, VOLVO, MAN, MTU, IVECO, DAF, RENAULT, CUMMINS and SCANIA for EURO 6, EURO 5 and EURO 4 engines; so, it is suitable for almost all modern engines, especially ones that require low SAPS lubricants.
- It meets low SAPS and full SAPS lubricant specifications, so it is fully compatible with older diesel engine models, making it the ideal solution for all vehicles in mixed fleets of different manufacturers, technologies, and ages.

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

### ADVANTAGES

- The EKO FORZA PLATINUM UNIVERSAL ERSP 10W-40 combines the advantages of low SAPS technology (ACEA E9/E6) with the high performance of full SAPS (ACEA E4/E7) lubricants, thus providing modern, low emission engines with much longer drain intervals.
- Low SAPS lubricant: It maintains the efficiency and extends the lifespan of diesel particulate filters (DPF).
- It offers effective control of soot and deposits, and excellent engine protection from wear, resulting in exceptionally clean pistons and extended engine and lubricant lifespan.
- Unlike other low SAPS technology, EKO FORZA PLATINUM UNIVERSAL ERSP 10W-40 has a very high TBN value and maintains the TBN value high throughout the lifespan of the lubricant, resulting in excellent engine protection against wear due to corrosive acids produced during combustion.

### TYPICAL CHARACTERISTICS

Properties	Methods	Units	EKO FORZA PLATINUM UNIVERSAL ERSP 10W-40
SAE Viscosity Grade	-	-	10W-40
Kinematic viscosity at 100°C	ASTM D 445	cSt	13.86
Kinematic viscosity at 40°C	ASTM D 445	cSt	92.67
Viscosity Index (VI)	ASTM D 2270	-	153
Density at 15°C	ASTM D 4052	g/ml	0.8604
Brookfield viscosity at -25°C	ASTM D 5293	cP	6103
Sulfated ash	ASTM D 874	% w/w	0.9
Base number, TBN	ASTM D2896	mg KOH/g	12.8
Pour Point	ASTM D 5950	°C	-39
Flash Point	ASTM D 92	°C	212

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### 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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