



## TECHNICAL SPECIFICATIONS



### EKO FORZA PREMIUM SAE 10W-40

Synthetic technology commercial vehicle engine oil

#### DESCRIPTION-APPLICATIONS

EKO FORZA PREMIUM SAE 10W-40 is a premium semi-synthetic engine oil, developed for enhanced protection and performance of heavy duty diesel engines operating in severe on- and off-road applications (transport, agriculture, mining, constructions and quarrying).

EKO FORZA PREMIUM SAE 10W-40 is formulated with specially selected synthetic technology base stock and latest technology additives and meets the requirements of major engine manufacturers including MERCEDES BENZ, MAN, VOLVO, RENAULT, CATERPILLAR, CUMMINS, MTU and MACK.

#### SPECIFICATIONS

ACEA E7, ACEA A3/B4, API CI-4/SL, MB 228.3, MAN M3275-1, VOLVO VDS-3, MACK EO-N, RENAULT RLD-2, CATERPILLAR ECF-2, CUMMINS CES 20078, MTU Type 2.

#### BENEFITS

- Due to the synthetic technology formulation, EKO FORZA PREMIUM SAE 10W-40 provides superior oxidation and thermal stability over conventional mineral engine oils, ensuring longer oil and engine life and less maintenance and operating costs.
- Provides enhanced wear protection, which leads to extended component and engine life.
- The SAE 10W-40 viscosity grade and the high viscosity index provide superior high and low temperature performance, which allows easy start-up and less wear in low temperatures and adequate lubricating film in high temperatures.
- Suitable for mixed fleets applications, allows use of one engine oil and simplifies the lubricants inventory.



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#### TYPICAL PROPERTIES

Properties	Methods	Units	EKO FORZA PREMIUM SAE 10W-40
SAE Classification	-	-	10W-40
Viscosity @100°C	ASTM D 445	cSt	14,8
Viscosity @40°C	ASTM D 445	cSt	98,5
Viscosity Index (VI)	ASTM D 2270	-	157
Density @ 15°C	ASTM D 4052	g/ml	0,87
Viscosity CCS at -25°C	ASTM D 5293	cP	6500
TBN	ASTM D2896	mg KOH /g	11,8
Sulfated ash	ASTM D 874	% w/w	1,1
Pour Point	ASTM D 5950	°C	-30
Flash Point	ASTM D 92	°C	230

#### 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.

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.