



## PRODUCT DATA SHEET

### EKO MEGATRON SYNTHETIC 5W-40 C3

Lubricant for passenger vehicle engines

#### DESCRIPTION

EKO MEGATRON SYNTHETIC 5W-40 C3 is a 100% synthetic lubricant, designed for modern gasoline and diesel engines of passenger cars and light trucks, for which the manufacturer recommends a SAE 5W-40 Mid SAPS lubricant with HTHS viscosity  $\geq 3.5$  mPa.s.

EKO MEGATRON SYNTHETIC 5W-40 C3 is also suitable for CNG/LPG engines.

#### SPECIFICATIONS

ACEA C3, API SN/CF, GM Dexos2, MB 229.31/226.5, Porsche A40, Renault RN0700/RN0710, VW 505 00/505 01.

**Suitable for use:** Ford WSS-M2C917-A, FIAT 9.55535.S2

#### APPLICATIONS

- It is suitable for modern low emission gasoline and diesel engines, for which the manufacturer recommends ACEA C3 Mid SAPS lubricants of SAE 5W-40 viscosity grade.
- Among the manufacturers who recommend ACEA C3 lubricants in most of their vehicles are HONDA, KIA/HUNDAI, MITSUBISHI, NISSAN and SUZUKI.
- EKO MEGATRON SYNTHETIC 5W-40 C3 meets the requirements of the specifications of major manufacturers such as MERCEDES-BENZ, VOLKSWAGEN, GM, FORD, FIAT, RENAULT and PORSCHE, is thus an appropriate choice for engines of various technologies. The lubricant's specifications make it suitable for all types of gasoline and diesel engines -naturally aspirated or turbo, direct or indirect injection, with or without DPF- depending on the manufacturer's recommendation. We should always consult the vehicle manual in order to select the appropriate lubricant for the engine.
- The coverage of the GM Dexos2 specification, which replaced the older GM-LL-A-025 and GM-LL-B-025 specifications, allows the use of lubricant in all GM diesel vehicles, including those equipped with DPF, and in most GM gasoline vehicles in Europe.



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### APPLICATIONS

- It is suitable for PORSCHE cars where PORSCHE A40 lubricant is recommended, and for RENAULT cars that require RN0700 or RN0710 lubricants.
- It is suitable for the older diesel engines of THE VOLKSWAGEN Group, where VW 505 00 or VW 505 01 lubricant is required.
- It is suitable for BMW engines with a year of manufacture up to 2018, where BMW LL-04 lubricant is recommended.

### ADVANTAGES

- It maintains a very strong lubricating film and reduces friction in the engine, resulting in high engine protection from wear and fuel economy.
- It exhibits excellent resistance to the formation of sludge and the increase of viscosity from soot.
- It has excellent resistance to high temperatures, resulting in excellent control of lubricant consumption.
- As a mid SAPS lubricant, it is compatible with catalytic converters and DPF, maintains the efficiency and increases the life of sensitive catalytic systems of the vehicle.
- Allows for extended oil drain intervals, in accordance with the recommendation of the vehicle manufacturer.

### TYPICAL CHARACTERISTICS

Properties	Methods	Units	EKO MEGATRON SYNTHETIC 5W-40 C3
SAE Viscosity Grade	-	-	5W-30
Density, 15°C	ASTM D4052	g/ml	0.854
Kinematic Viscosity, 100°C	ASTM D445	cSt	14.2
Kinematic Viscosity, 40°C	ASTM D445	cSt	86.9
Viscosity Index	ASTM D2270	-	169
CCS Viscosity, -30°C	ASTM D5293	cP	5500
Base Number, TBN	ASTM D2896	mg KOH/g	8.0
Sulfated Ash	ASTM D874	% w/w	0.79
Sulfur	ASTM D6481	% w/w	0.2
Pour Point	ASTM D5950	°C	-39
Flash Point, COC	ASTM D92	°C	230



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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 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.  
Advice on safe handling is provided in the Safety Data Sheet.