



## PRODUCT DATA SHEET

### EKO MEGATRON SYNTHETIC 5W-30 A5/B5

Lubricant for passenger vehicle engines

#### DESCRIPTION

EKO MEGATRON SYNTHETIC 5W-30 A5/B5 is a 100% synthetic lubricant of High SAPS technology, suitable for gasoline and diesel engines of Ford, Jaguar, Land Rover and other manufacturers' cars and vans, where lubricants of HTHS viscosity  $\geq 2.9$  &  $\leq 3.5$  mPa.s are recommended.

The low HTHS viscosity of EKO MEGATRON SYNTHETIC 5W-30 A5/B5 and the special additives it contains, contribute to minimizing friction, resulting in a significant reduction in fuel consumption.

The reduction in fuel consumption achieved by using EKO MEGATRON SYNTHETIC 5W-30 A5/B5, leads to a reduction in carbon dioxide (CO<sub>2</sub>) emissions.

#### SPECIFICATIONS

ACEA A5/B5, ACEA A1/B1, API SL, Ford WSS-M2C913-D, Jaguar/Land Rover STJLR.03.5003, Renault RN0700.

**Suitable for use:** Ford WSS-M2C913-A, Ford WSS-M2C913-B, Ford WSS-M2C913-C.

#### APPLICATIONS

- Suitable for all type of gasoline and diesel engines, naturally aspirated and turbo, direct and indirect injection, where high SAPS fuel economy lubricants are required, with ACEA A5/B5 or ACEA A1/B1 quality level and SAE 5W-30 viscosity grade.
- It fully satisfies the technical requirements of the FORD WSS-M2C913-D specification, and is also suitable for use where the previous level of the Ford WSS-M2C913-A, Ford WSS-M2C913-B and Ford WSS-M2C913-C quality is required.
- Suitable for JAGUAR and LAND ROVER gasoline and diesel engines where STJLR.03.5003 lubricants are required.
- Suitable for RENAULT gasoline engines requiring RN0700 lubricants.



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### ADVANTAGES

- EKO MEGATRON SYNTHETIC 5W-30 A5/B5 provides 3% additional fuel savings compared to the requirements of FORD WSS-M2C913-D specification in M111 Fuel economy test (CEC L-054-96).
- It maintains an extremely strong lubricant film at high temperatures and resists sludge formation and viscosity increase due to soot, thus protecting engine from wear throughout the oil drain interval.
- It exhibits excellent low temperature performance.

### TYPICAL CHARACTERISTICS

Properties	Methods	Units	EKO MEGATRON SYNTHETIC 5W-30 A5/B5
SAE Viscosity Grade	-	-	5W-30
Density, 15°C	ASTM D4052	g/ml	0.8514
Kinematic Viscosity, 100°C	ASTM D445	cSt	9.682
Kinematic Viscosity, 40°C	ASTM D445	cSt	53.63
Viscosity Index	ASTM D2270	-	168
CCS Viscosity, -30°C	ASTM D5293	mPa.s	4130
MRV Viscosity, -35°C	ASTM D4684A	mPa.s	30600
Base Number, TBN	ASTM D2896	mg KOH/g	10.1
Sulfated Ash	ASTM D874	% w/w	1.16
Pour Point	ASTM D5950	°C	-42
Flash Point, COC	ASTM D92	°C	215
Noack Volatility, Evaporation Loss, 1h at 250°C	ASTM D5800	% w/w	12.7
HTHS Viscosity, 150°C	CEC L-36-A-90	mPa.s	2.91
Shear Stability, cSt, 100°C	CEC L-14-A-93	cSt	9.421

### 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.