Product Data sheet

EKO MEGATRON SYNTHETIC 0W-20 C5/C6

Lubricant for passenger vehicle engines

Description

EKO MEGATRON SYNTHETIC 0W-20 C5/C6 is a fully synthetic mid-SAPS lubricant, specially designed for gasoline and diesel engines of passenger cars and light trucks for which ACEA C5, ACEA C6 or API SP lubricant of SAE 0W-20 viscosity grade is recommended by the manufacturer.

It is suitable for gasoline and diesel vehicles with state-of-the-art engines (direct injection, turbocharged, with timing chain systems) and modern after-treatment systems such as gasoline and diesel catalytic converters and gasoline and diesel particle filters (GPF/DPF).

It is also suitable for hybrid vehicles, always according to the manufacturer's recommendation.

Applications

- Suitable for direct or indirect injection gasoline vehicles, with or without gasoline particle filters (GPF)
- Suitable for direct injection diesel vehicles, with or without diesel particle filters (DPF).
- Also suitable for hybrid vehicles, always according to the manufacturer's recommendation.
- It is particularly recommended for use in direct injection turbocharged gasoline engines (TGDI), where it provides excellent protection against wear and low speed pre-ignition (LSPI phenomenon), and in turbocharged direct injection diesel engines, where it provides excellent control of turbocharger deposits.
- EKO MEGATRON SYNTHETIC 0W-20 C5/C6 may not be suitable for use in certain types of engines. Consult your vehicle manufacturer's manual in case of doubt.

Specifications

ACEA C5, ACEA C6, API SP.

Advantages

- EKO MEGATRON SYNTHETIC 0W-20 C5/C6 provides outstanding performance in critical engine tests of ACEA C5, ACEA C6 and API SP standards concerning resistance to oxidation and sludge formation, protection against wear and LSPI phenomenon and fuel economy improvement:
- Strong protection against low-speed pre-ignition (LSPI effect): provides 40% better performance compared to API SP limit in Sequence IX testing.
- Improved fuel efficiency: provides 10% better performance compared to ACEA C5 and MB 229.71 limit in the M111 Fuel economy test.
- High oxidation stability: provides 36% better performance (less increase in oil viscosity) and 24% better performance (fewer piston deposits) compared to the corresponding API SP limits in the Sequence IIIH test.
- Excellent sludge control: provides 22% better performance in Sequence VH testing compared to API SP, ACEA C5 and ACEA C6 limit.
- Excellent engine wear protection: provides 30% better performance in the IVB test compared to API SP limit.

Typical Characteristics

Properties	Methods	Units	EKO MEGATRON SYNTHETIC 0W-20 C5/C6
SAE Viscosity Grade	-	-	0W-20
Density, 15°C	ASTM D4052	g/ml	0.846
Kinematic Viscosity, 100°C	ASTM D445	cSt	8.0
Kinematic Viscosity, 40°C	ASTM D445	cSt	42.5
Viscosity Index (VI)	ASTM D2270	-	165
CCS Viscosity, -30°C (0W)	ASTM D5293	cP	6045
Base Number, TBN	ASTM D2896	mg KOH/g	8.2
Sulfated Ash	ASTM D874	% w/w	0.75
Pour Point	ASTM D5950	°C	-42
Flash Point, COC	ASTM D92	°C	230

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.

30 January 2025