

Automotive lubricants. Light motor vehicles.

Xtar Max 0W-30 C2 C3



Key information

- A 100% synthetic polyolefin-based (PAO) lubricant with high fuel economy properties and low SAPS content.
- Turbocharged gasoline, diesel, or natural gas (LPG/CNG) engines with direct injection and equipped with a particulate filter (GPF/DPF).
- Recommended for plug-in hybrid vehicles (PHEV) and non-plug-in hybrid vehicles (HEV).
- Compatible with biofuels (biodiesel, ethanol, etc.)
- Protection against low-speed pre-ignitions (LSPI).



Hybrid
Compatible



Fuel
Economy



Low
SAPS

Quality standards

- ACEA C2, C3
- API SQ – backward compatible with SP and earlier



Use

- Suitable for Hyundai (Hyundai, Kia) group vehicles requiring an oil with SAE 0W-30 viscosity and an ACEA C2, C3 profile.
- For most modern direct injection turbocharged engines, especially high-performance engines with diesel particulate filters (DPF) or gasoline particulate filters (GPF) for exhaust gases, requiring ACEA C2, ACEA C3, or API SQ (or earlier) oil.
- Its good emulsion properties to combat the dilution of water and/or fuel, and its anti-corrosion and rust capacity, guarantee good performance in plug-in (PHEV) and conventional (HEV) hybrid vehicles, as well as Extended Range Electric Vehicles (EREV), which are equipped with both gasoline and electric engines.
- Suitable for extreme temperature conditions, maintaining an excellent degree of fluidity at very low temperatures, which facilitates starting, and with a high level of anti-wear protection at high temperatures. Especially suitable for Start-Stop systems.
- It is recommended to follow the indications of the vehicle manual regarding viscosity and oil specifications, as well as its drain interval according to the amount of sulfur of the fuel used.

Benefits

- It enables fuel economy rates above 2.5% compared to conventional oil, and minimizes internal friction from the engine obtaining greater power, reduction of polluting emissions, and energy savings.
- Its "Premium" synthetic formulation provides greater durability of oil properties and improved engine protection, helping to reduce service and maintenance costs.
- Excellent level of engine cleanliness, combating acidic agents for the entire useful life of the oil, and minimizing the impact of contaminants from biofuels that remain dissolved in the oil.
- It reduces deposit formation, protecting the engine's internal components from wear.
- Ensures protection against wear generated by low-speed pre-ignition (LSPI), which can occur in modern turbocharged gasoline engines.

The values of typical characteristics listed in the table are average values provided for informational purposes only and do not constitute a guarantee. These values are subject to change without notice.

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> Physical and chemical properties

Characteristic	Units	Method	Xtar Max 0W-30 C2 C3
SAE Grade	-	-	0W-30
Density at 15°C	kg/l	ASTM D 4052	0.842
Viscosity at 100°C	cSt	ASTM D 445	11.8
Viscosity at 40°C	cSt	ASTM D 445	65.1
Viscosity Index	-	ASTM D 2270	180
CCS Viscosity at -35°C	cP	ASTM D 5293	5100
HTHS Viscosity at 150°C	cP	ASTM D 4683	3.6
Pour Point	°C	ASTM D 5950	-45
Flash Point	°C	ASTM D 92	233
Base number, TBN	mg KOH/g	ASTM D 2896	6.9
Sulfated ash	% (m/m)	ASTM D 874	0.60

> Health & safety and environment

A Material Safety Data Sheet providing information on product hazards, handling precautions, first aid measures, and relevant environmental data is available for this product as per applicable legislation.