

Automotive lubricants. Light motor vehicles.

Xtar Max 0W-30 FE S



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).



> Quality standards

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

> Manufacturer specifications

- PSA B71 2312, 2302
- Fiat 9.55535-GS1/DS1
- Iveco 18-1811 SC1 LV



> Use

- Specifically designed to meet the PSA B71 2312 specification required in Euro VI gasoline and diesel engines of vehicles of the PSA Group (Peugeot and Citroen).
- Also designed for hybrid, gas (LPG/CNG), gasoline and diesel vehicle engines from manufacturers that demand a low-ash-content ACEA C2 and SAE 0W-30 product such as Honda, Mitsubishi, Subaru, Suzuki, and Toyota.
- 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 low phosphorus, sulfur, and sulfated ash content makes it fully compatible with DPF/GPF, 3-way catalysts (TWC), and other gas after-treatment systems, thereby reducing NOx, HC, and CO emissions.
- Provides extraordinary anti-wear protection in the engine, extends drain intervals, and helps reduce service and maintenance costs.
- It provides an excellent level of cleanliness and protection of the engine against acidic agents and contaminants during the entire service life of the oil and minimizes the impact of contaminants from biofuels that remain dissolved in the oil.

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 FE S
SAE Grade	-	-	0W-30
Density at 15°C	kg/l	ASTM D 4052	0.847
Viscosity at 100°C	cSt	ASTM D 445	9.36
Viscosity at 40°C	cSt	ASTM D 445	49
Viscosity Index	-	ASTM D 2270	176
CCS Viscosity at -35°C	cP	ASTM D 5293	5840
HTHS Viscosity at 150°C	cP	ASTM D 4683	2.9
Pour Point	°C	ASTM D 5950	-48
Flash Point	°C	ASTM D 92	225
Base number, TBN	mg KOH/g	ASTM D 2896	11.0
Sulfated ash	% (m/m)	ASTM D 874	0.70

> 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.