

Automotive lubricants. Light motor vehicles.

Xtar Max 5W-30 Long Life W



Key information

- 100% synthetic lubricant with fuel economy properties and a 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 C3
- API SN – backward compatible with SL and earlier



Manufacturer specifications

- | | | |
|----------------------|-------------------|-------------------|
| • VW 504.00/507.00 | • MB 229.31 | • Porsche C30 |
| • MB-Approval 229.51 | • BMW Longlife-04 | • Fiat 9.55535-S3 |

Use

- Specifically developed for all VAG Group vehicles (VW, Audi, Seat, Skoda) equipped with particulate filter (GPF/DPF) that require a VW 504.00/507.00 approved oil. Additionally, it is compatible with older engines that require the VW 505.01 specification.
- 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.
- Due to its high stability to oxidation, it is also recommended in gas engines (LPG/CNG) or if biofuels are used.
- 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 1% compared to conventional oil, and minimizes internal friction from the engine obtaining greater power, reduction of polluting emissions, and energy savings.
- Reduces the formation of deposits, maintaining exceptional cleanliness and protecting against wear of the engine's internal components.
- Allows for very long change intervals to be achieved when the recommendations of the vehicle manufacturer are followed.
- Its reduced sulfated ash content allows the particulate filters to achieve the duration estimated by the manufacturer.
- Ensures protection against wear generated by low-speed pre-ignition (LSPI), which can occur in modern turbocharged gasoline engines.
- Excellent cold fluidity that allows the oil to circulate rapidly to protect the engine in the event of frequent stops and starts ("Start/Stop" systems).

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 5W-30 Long Life W
SAE Grade	-	-	5W-30
Density at 15°C	kg/l	ASTM D 4052	0.850
Viscosity at 100°C	cSt	ASTM D 445	11.8
Viscosity at 40°C	cSt	ASTM D 445	69.6
Viscosity Index	-	ASTM D 2270	167
CCS Viscosity at -30°C	cP	ASTM D 5293	6062
HTHS Viscosity at 150°C	cP	ASTM D 4683	3.6
Pour Point	°C	ASTM D 5950	-48
Flash Point	°C	ASTM D 92	>220
Base number, TBN	mg KOH/g	ASTM D 2896	8.8
Sulfated ash	% (m/m)	ASTM D 874	0.75

> 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.