

Automotive lubricants. Light motor vehicles.

Xtar Full 5W-40 C3



Key information

- 100% synthetic lubricant with low SAPS content.
- Turbocharged gasoline, diesel, or natural gas (LPG/CNG) engines with direct injection and equipped with a particulate filter (GPF/DPF).
- Compatible with biofuels (biodiesel, ethanol, etc.)
- Recommended for sporty driving.



Low
SAPS

> Quality standards

- ACEA C3
- API SN, CF – backward compatible with SL and earlier



> Manufacturer specifications

- | | | |
|-------------------------|------------------------|-------------------|
| • VW 505.01 | • BMW LL-04 (pre-2019) | • GM Dexos 2 |
| • MB 229.31 | • Ford M2C917-A | • Fiat 9.55535-S2 |
| • Renault RN0700/RN0710 | • Porsche A40 | |

> Use

- Especially in the new engines of gasoline and diesel VW TDI-PD from Volkswagen equipped with Injector Pump (Pumpe Duse) in certain Audi, Volkswagen, SEAT, and Skoda passenger cars.
- In vehicles that require an oil with low SAPS content complying with the requirements of the ACEA C3 specification, especially those of Direct Injection (TDI).
- 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

- For VW Group vehicles equipped with an injector pump, it has an oil change interval of up to 15,000 km or once per year.
- Ensures additional anti-wear lubrication compared to low viscosity SAE 5W-30 oils, when diesel engines operate at very high sump temperatures (150°C).
- Prevents the degradation of catalysts (TWC) and particulate filters (DPF/GPF) due to its moderate "ash, phosphorus and sulfur" content.

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 Full 5W-40 C3
SAE Grade	-	-	5W-40
Density at 15°C	kg/l	ASTM D 4052	0.848
Viscosity at 100°C	cSt	ASTM D 445	13.3
Viscosity at 40°C	cSt	ASTM D 445	77
Viscosity Index	-	ASTM D 2270	176
CCS Viscosity at -30°C	cP	ASTM D 5293	4295
HTHS Viscosity at 150°C	cP	ASTM D 4683	3.7
Pour Point	°C	ASTM D 5950	-45
Flash Point	°C	ASTM D 92	244
Base number, TBN	mg KOH/g	ASTM D 2896	8.0
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.