

Automotive lubricants. Light motor vehicles.

Xtar Full 5W-40 A3/B4



Key information

- 100% synthetic lubricant.
- Turbocharged and direct injection gasoline, diesel, or natural gas (LPG/CNG) engines without particulate filters.
- Compatible with biofuels (biodiesel, ethanol, etc.)
- Protection against low-speed pre-ignitions (LSPI).
- Sporty driving and long drain intervals.

> Quality standards

- ACEA A3/B4
- API SQ – backward compatible with SP and earlier



> Manufacturer specifications

- | | | |
|---------------------|------------------------|-------------------|
| • VW 502.00/505.00 | • BMW LL-01 (pre-2019) | • PSA B71 2296 |
| • MB-Approval 229.5 | • Renault RN0700/0710 | • Fiat 9.55535-H2 |
| • MB 226.5, 229.3 | | |

> Use

- Especially recommended for high-end gasoline and diesel passenger cars, high performance sedans and engines equipped with common-rail injection systems and electronically controlled multi-valve systems.
- Excellent performance in sports driving situations and with extended oil-change periods.
- Also recommended for light commercial diesel vehicles.
- Not recommended for vehicles equipped with particulate filters.
- 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

- Excellent flow in cold weather, allowing rapid circulation of oil, and protecting the most delicate parts from possible wear that can occur during start-up.
- Its low volatility results in low oil consumption and makes it suitable for vehicles that annually accumulate high mileage.
- High detergent/dispersant power, preventing deposits from forming in turbocharged engines.
- Its high anti-friction capability reduces wear and promotes fuel economy compared with higher viscosity oils.
- Great stability at high engine temperatures (>150°C).

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.

› Physical and chemical properties

Characteristic	Units	Method	Xtar Full 5W-40 A3/B4
SAE Grade	-	-	5W-40
Density at 15°C	kg/l	ASTM D 4052	0.851
Viscosity at 100°C	cSt	ASTM D 445	14.5
Viscosity at 40°C	cSt	ASTM D 445	87
Viscosity Index	-	ASTM D 2270	174
CCS Viscosity at -30°C	cP	ASTM D 5293	4880
HTHS Viscosity at 150°C	cP	ASTM D 4683	3.9
Pour Point	°C	ASTM D 5950	-42
Flash Point	°C	ASTM D 92	228
Base number, TBN	mg KOH/g	ASTM D 2896	10.5
Sulfated ash	% (m/m)	ASTM D 874	1.29

› 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.