



XTEC 5W30 ST

TECHNICAL CONTEXT

At Stellantis, certain sensitive engines, particularly EB2 and DV5rx, have shown critical reliability and performance challenges, particularly regarding wear of critical parts, deposits in oil circuits, and the operation of exhaust gas after-treatment systems. These issues are exacerbated by demanding operating conditions and extended oil change intervals. To address these challenges, the use of a high-performance engine oil that meets modern specifications and effectively protects these engines is essential to ensure their durability and performance.

DESCRIPTION

Synthetic oil with a high viscosity index and ultra-high performance that promotes fuel economy, formulated with the latest generation of additives. It provides protection against low-speed pre-ignition (anti-LSPI).

APPLICATION

BARDAHL XTEC 5W30 ST is based on technology that ensures excellent protection. The 5W30 XTEC ST BARDAHL is a motor oil for gasoline (Euro 5 and 6) and diesel engines. It has a low ash content and is specially designed to reduce fuel consumption and CO2 emissions. Particularly suited for DV5Rx and EB2 engines, it supports the proper functioning of the timing system. The 5W30 XTEC ST BARDAHL is also compatible with gasoline particulate filters (GPF) and biofuels.

- **Note: As of June 17, 2024, it is MANDATORY to use a 5W-30 FPW 9.55535/03 oil, such as BARDAHL XTEC 5W30 ST, for the following engines:**
 - Petrol engines: EB2 Turbo GEN 1 Euro 6.1 (1.2 PureTech) produced between 2014 and 2018
 - Diesel engines: DV5R (1.5 BlueHDi) and DW12RU (2.2 Blue HDi)



SPECIFICATIONS

The product meets the following requirements:

ACEA	C3
API	SP
Adaptable STELLANTIS	Test validated DV5R wear, EP6 E10
	In the process of FPW 9.55535-03 approval

PROPERTIES

- ✓ Prevents low-speed pre-ignition: Anti-LSPI (Low Speed Pre-Ignition)
- ✓ High viscosity index (VI), excellent viscosity stability, especially at high temperatures
- ✓ Superior protection for catalytic converters and DPF (Diesel Particulate Filter)
- ✓ Promotes fuel economy
- ✓ High resistance to oxidation
- ✓ Improved cold-start performance
- ✓ Anti-corrosion protection
- ✓ Excellent detergency and dispersion properties

TECHNICAL DATA

Density at 20°C	Kg/l	0,849
Viscosity at -30°C	mPa.s	5600
Viscosity at 40°C	mm ² /s	69,1
Viscosity at 100°C	mm ² /s	12,1
Viscosity Index		174
Flash point, COC, °C	°C	234
Pour point, °C	°C	-45
HTHS	mPa.s	3,7

The information contained in this sheet is provided for reference only. Because of continual product development, changes may occur without prior notice. No liability for damages caused by the incompleteness or incorrectness will be accepted.



RECOMMENDATIONS

Handling : any safety information related to the handling and use of this product are gathered in the Safety Data Sheet. Always check the manufacturer car manual before use.

Storage : it is recommended to use the product within 60 months. It should be stored in its original packaging, closed, and protected from light, humidity and excessive temperature.

REFERENCES & AVAILABILITIES

34951	12 x 1L
34953	3 x 5L
34954	60L
34957	205L