

AUTOMOTIVE LUBRICANTS. PASSENGER CARS

XTAR 5W30 ECO C2 C3

DESCRIPTION ECOPRODUCTO

Next-generation 100% synthetic lubricant particularly suitable for optimizing the life and efficiency of hybrid, gas (LPG/CNG), diesel, and gasoline engines with exhaust after-treatment systems, as well as for providing extra savings on fuel ("Fuel Economy" oil) and reducing emissions of CO₂ into the atmosphere.

PRODUCT APPLICATIONS

- For most modern direct-injection turbocharged engines, especially high-performance engines with diesel particulate filters (DPF) or gasoline particulate filters (GPF) for exhaust gases, requiring either ACEA C2 or ACEA C3 oil.
- 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 hybrid (PHEV) and non-plug-in (HEV) 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.
- 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).

PRODUCT PERFORMANCE

- Helps reduce gas emissions, achieving fuel economies of more than 2.5% compared to other oils in Fuel Economy Test M111FE.
- 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, contributing to compliance with current environmental standards.
- Ensures protection against wear generated by low-speed pre-ignition (LSPI) which can be produced in modern turbocharged gasoline engines.

SPECIFICATIONS

- ACEA C2, C3
- API SP
- MB 229.31
- Fiat 9.55535-S1



TYPICAL CHARACTERISTICS

CHARACTERISTIC	UNITS	METHOD	XTAR 5W30 ECO F C2 C3
SAE Grade	-	-	5W-30
Density at 15°C	g/ml	ASTM D 4052	0,849
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	166
CCS Viscosity at -30°C	cP	ASTM D 5293	5520
Pour Point	°C	ASTM D 5950	-42
Flash Point, COC	°C	ASTM D 92	228
Base number, TBN	mg KOH/g	ASTM D 2896	6,9
Sulfated ash	% (m/m)	ASTM D 874	0,6
HTHS Viscosity at 150°C	cP	ASTM D 4683	3.6

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.