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 CO_2 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-Approval 229.52
- Fiat 9.55535-S1

API SERVICE SP SAE 5W-30

EELQMS EUROPEAN ENGINE LUBRICANTS QUALITY MANAGEMENT SYSTEM

TYPICAL CHARACTERISTICS

CHARACTERISTIC	UNITS	METHOD	XTAR 5W30 ECO F C2 C3
SAE Grade	-	-	**5W-30**
Density at 15°C	g/ml	ASTM D 4052	0.848
Viscosity at 100°C	cSt	ASTM D 445	11.6
Viscosity at 40°C	cSt	ASTM D 445	67.2
Viscosity Index	-	ASTM D 2270	170
CCS Viscosity at -30°C	cP	ASTM D 5293	5105
Pour Point	°C	ASTM D 5949	-42
Flash Point, COC	°C	ASTM D 92	234
Base number, TBN	mg KOH/g	ASTM D 2896	7.2
Sulfated ash	% (m/m)	ASTM D 874	0.7
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.

The typical values of the characteristics appearing in the table are average values given for guidance purposes only and do not constitute a guarantee.
These values may be modified without any prior warning.