AUTOMOTIVE LUBRICANTS. PASSENGER CARS

XTAR 0W30 ECO C2 C3

DESCRIPTION

ECOPRODUCTO

A 100% synthetic, polyalphaolefin (PAO) based lubricant with reduced ash content (SAPS). Recommended for hybrid, natural gas (LPG/CNG), gasoline, or diesel vehicles equipped with a particulate filter. It guarantees extraordinary protection and cleanliness in engines. Provides extra fuel economy ("Fuel Economy" oil), reducing CO_2 air emissions.

PRODUCT APPLICATIONS

• Suitable for Hyundai group vehicles (Hyundai, Kia) that require oil with SAE 0W-30 viscosity and C2, C3 ACEA profile.

• For most modern turbocharged direct injection engines, especially high-performance engines with diesel particulate filters (DPF) or gasoline particulate filters (GPF) for exhaust gases, and requiring either ACEA C2, ACEA C3, or API SP 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 (PHEV) and conventional (HEV) hybrid vehicles, as well as Extended Range Electric Vehicles (EREV), which are equipped with both gasoline and electric engines.

• Suitable for extreme temperature conditions, maintaining an excellent degree of fluidity at very low temperatures to help with start-ups and a high level of antiwear protection at high temperatures. Especially suitable for 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.

• Its "Premium" synthetic formulation provides greater durability of the oil's properties as well as greater engine protection, helping to reduce service and maintenance costs.

• Excellent engine cleanliness, fighting acidic agents throughout the life of the oil, and minimizing the impact of contaminants from biofuels that remain dissolved in the oil.

• Reduces the formation of deposits, protecting internal engine components from wear.

• Ensures protection against wear generated by low-speed pre-ignition (LSPI), which can occur in modern turbocharged gasoline engines.

QUALITY LEVELS

- ACEA C2, C3
- API SP

EELQMS EUROPEAN ENGINE LUBRICANTS QUALITY MANAGEMENT SYSTEM

API SERVICE SP SAE 0W-30

TYPICAL CHARACTERISTICS

CHARACTERISTIC	UNITS	METHOD	XTAR 0W30 ECO C2 C3
SAE Grade	-	-	**0W-30**
Density 15°C	g/ml	ASTM D 4052	0.842
Viscosity at 100ºC	cSt	ASTM D 445	11.8
Viscosity at 40ºC	cSt	ASTM D 445	65.1
Viscosity Index	-	ASTM D 2270	180
CCS Viscosity at -35°C	cP	ASTM D 5293	5100
Pour Point	°C	ASTM D 5950	-45
Flash Point, COC	°C	ASTM D 92	233
Base number, TBN	mg KOH/g	ASTM D 2896	6.8
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.

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