

## AUTOMOTIVE LUBRICANTS. PASSENGER CARS

# XTAR 0W20 ECO W

### DESCRIPTION **ECOPRODUCTO**

100% synthetic lubricant formulated with a polyalphaolefin (PAO) base oil. This oil has a long drain interval, high fuel economy properties, and compatible with exhaust gas after-treatment systems. Specifically developed for the latest generation of VAG group engines (VW, Audi, Seat, Skoda) that demand an oil that meets the new VW 508.00/509.00 specification.

#### PRODUCT APPLICATIONS

- Focused on certain high performance gasoline and diesel engines of the VW and AUDI brands, equipped with three-way catalytic converter and particulate filter (DPF/GPF).
- Also recommended for Porsche models with engines that need to meet the demanding C20 specification, such as the Macan R4.
- Suitable for achieving the maximum recommended change intervals ("LongLife" applications).
- It can be used in vehicles of any make that require very high-quality synthetic oil with a 0W-20 viscosity and ACEA C5 level).
- Especially suitable for Start&Stop systems, due to its excellent flowability at very low temperatures at startup.
- Due to its high oxidation performance and TBN retention capacity, it can be used in hybrid vehicles.

#### PRODUCT PERFORMANCE

- Due to its excellent technology, it minimizes deposit formation and wear in the internal parts of the engine.
- Thanks to its low friction and viscosity, it has high fuel economy properties (more than 4% compared to a reference 15W40, and more than 1.5% compared to 5W30).
- Its low ash content (SAPS) prevents the exhaust gas particulate filters from clogging, aiding in compliance with current EURO standards regarding reducing polluting emissions.
- Its 100% synthetic formulation with PAO-based content provides excellent pumpability at start-up, as well as extraordinary antiwear protection in the engine, helping to reduce service and maintenance costs.
- Excellent level of cleanliness and protection of the engine against acidic agents during the entire life of the oil, minimizing the impact of contaminants from biofuels that remain dissolved in the oil.

### SPECIFICATIONS

- ACEA C5
- API SN PLUS
- VW 508.00 / 509.00
- VW TL 52577
- Porsche C20



### TYPICAL CHARACTERISTICS

CHARACTERISTIC	UNITS	METHOD	XTAR 0W20 ECO W
<b>SAE Grade</b>	-	-	<b>0W20</b>
Density at 15°C	g/ml	ASTM D 4052	0.843
Viscosity at 100°C	cSt	ASTM D 445	8.25
Viscosity at 40°C	cSt	ASTM D 445	40.4
Viscosity Index	-	ASTM D 2270	185
CCS Viscosity at -35° C	cP	ASTM D 5293	5986
Pour Point	°C	ASTM D 5949	-48
Flash Point, COC	°C	ASTM D 92	220
Base number, TBN	mg KOH/g	ASTM D 2896	9.6
Sulfated ash	% (m/m)	ASTM D 874	0.8
HTHS Viscosity at 150°C	cP	ASTM D 4683	2.7

### 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.