

## MOTOR VEHICLE LUBRICANTS. CARS

# XTAR 0W20 ECO V IV

## DESCRIPTION ECOPRODUCT

Synthetic lubricant with a polyalphaolefin (PAO) base with long oil drain intervals, high Fuel Economy properties and compatible with post-treatment gas systems. Specifically developed for the latest generation of the VAG group engines (VW, Audi, Seat, Skoda) requiring an oil that meets the VW 508.00/509.00 specification.

### PRODUCT APPLICATIONS

- Intended for high-performance VW and Audi petrol and diesel engines equipped with a three-way catalyst and a particle filter.
- Also recommended for Porsche models with engines that need to comply with the highly demanding C20 specification, such as the Macan R4.
- Suitable for achieving the maximum recommended change periods ("LongLife" applications).
- It can be used in any vehicle requiring a very high quality ACEA A1/B1 type synthetic oil with 0W20 viscosity (and an ACEA C5 performance level).
- Especially suitable for Start&Stop systems, due to its excellent degree of fluidity when starting the engine at very low temperatures.

### PRODUCT PERFORMANCE

- It minimises deposit formation and wear in the internal parts of the engine.
- Thanks to its low levels of friction and viscosity, it has high fuel-saving properties (4% more than a 15W40 reference, and 1.5% more than a 5W30).
- Its low ash (SAPS) content prevents the obstruction of exhaust fume particle filters, aiding compliance with the current EURO standards for the reduction of polluting emissions.
- Its synthetic formula with a PAO base provides excellent pumpability on starting, combined with superb anti-attribution protection inside the engine, thus helping to reduce service and maintenance costs.
- Excellent level of cleanliness and protection of the engine against acid agents throughout the oil's useful lifetime, minimising the impact of the pollutants originating from the biofuels that remain dissolved in the oil.

## SPECIFICATIONS

- ACEA A1/B1
- VW 508.00 / 509.00
- VW TL 52577
- Porsche C20



## TYPICAL CHARACTERISTICS

CHARACTERISTIC	UNITS	METHOD	XTAR 0W20 ECO V IV
<b>SAE Grade</b>	-	-	<b>0W20</b>
Density at 15°C	g/ml	ASTM D 4052	0.836
Viscosity at 100°C	cSt	ASTM D 445	7.92
Viscosity at 40°C	cSt	ASTM D 445	38.4
Viscosity Index	-	ASTM D 2270	184
CCS Viscosity at -35°C	cP	ASTM D 5293	2848
Freezing Point	°C	ASTM D 5949	-57
Flash Point, COC	°C	ASTM D 92	232
Base number, TBN	mg KOH/g	ASTM D 2896	8.3
Sulfated ash	% (m/m)	ASTM D 874	0.6
HTHS Viscosity at 150°C	cP	ASTM D 4683	2.6

## HEALTH & SAFETY AND ENVIRONMENT

Health, safety and environmental information is provided for this product in the Materials Safety Data Sheet. This gives details of potential hazards, precautions and First Aid measures together with environmental effects and disposal of used products.

The typical values of the characteristics appearing in the table are average values given for guidance purposes. These values may be modified without any prior warning.