

## MOTOR VEHICLE LUBRICANTS. CARS

# XTAR 5W40 505.01

## DESCRIPTION ECOPRODUCT

A 100% synthetic oil specially developed to lubricate without wear problems the latest diesel technology engines: direct injection (TDI), turbocharger and electronic engine management control.

Specific oil that meets the new quality level "VW-Norm 505.01" for the lubrication of the new AG Volkswagen diesel engines fitted with injection pump.

### PRODUCT APPLICATIONS

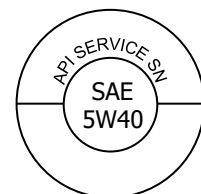
- Especially for the new Volkswagen VW TDI-PD petrol and diesel engines fitted with injector Pump (Pumpe Duse) in Audi, Volkswagen, SEAT and Skoda.
- This is indicated for vehicles (either hybrid, gas, gasoline or diesel) that specify an oil with low ash content and complies with the requirements of the new ACEA C3 specification.

### PRODUCT PERFORMANCE

- For VW group vehicles with regular oil drainage intervals of 15,000 km or once per year.
- Synthetic oil that can guarantee additional anti-wear lubrication when compared with low viscosity SAE 5W30 oils, when the diesel engines are operating at very high temperatures (150°C).
- Its mid-SAPS additives prevent the catalysts (TWC) and particle filters (DPF/GPF) degradation and contribute to obey the environment norms.

## SPECIFICATIONS

- ACEA C3
- MB-Approval 229.31
- Renault RN0700/RN0710
- GM Dexos 2 (valid for old GM-LL-A/B-025)
- API SN/CF
- BMW Longlife-04 (pre-2019)
- Ford WSS-M2C917A
- VW 502.00/505.00/505.01
- Porsche A40



## TYPICAL CHARACTERISTICS

CHARACTERISTIC	UNITS	METHOD	XTAR 5W40 505.501
<b>SAE Grade</b>	-	-	<b>5W40</b>
Density at 15°C	g/ml	ASTM D 4052	0,855
Viscosity at 100°C	cSt	ASTM D 445	14,25
Viscosity at 40°C	cSt	ASTM D 445	86,46
Viscosity Index	-	ASTM D 2270	170
CCS Viscosity at -30°C	cP	ASTM D 5293	6200
Freezing Point	°C	ASTM D 5949	-42
Flash Point (COC)	°C	ASTM D 92	>220
Base number, TBN	mg KOH/g	ASTM D 2896	8
Sulphated Ash	% (m/m)	ASTM D 874	0,75
HTHS Viscosity at 150°C	cP	ASTM D 4683	3,6

## 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..