

## MOTOR VEHICLE LUBRICANTS. CARS

# XTAR 5W30 C2 C3 DPF

## DESCRIPTION ECOPRODUCT

Next-generation synthetic lubricant particularly suitable for optimizing the life and efficiency of gas engines (LPG/CNG), and diesel or gasoline engines with exhaust after-treatment systems, as well as for providing extra savings on fuel (Fuel Economy oil).

### PRODUCT APPLICATIONS

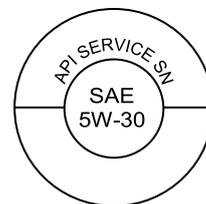
- Given its synthetic technology and additives with reduced SAPS content (sulfated ash, phosphorous, sulfur), it is particularly recommended for very high-temperature conditions, such as those that are generated in gas-powered engines (LPG/CNG).
- For the majority of modern gasoline and diesel engines, particularly high-performance engines, and those that require either an ACEA C2 or ACEA C3 type oil.
- A lubricant required in vehicles that have diesel particulate filters (DPF) or gasoline particulate filters (GPF) for exhausts.

### 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.

## SPECIFICATIONS

- ACEA C2, C3
- API SN
- MB-Approval 229.31



## TYPICAL CHARACTERISTICS

CHARACTERISTIC	UNITS	METHOD	XTAR 5W30 C2 C3 DPF
<b>SAE grade</b>	-	-	<b>5W30</b>
Density at 15°C	g/ml	ASTM D 4052	0.849
Viscosity at 100°C	cSt	ASTM D 445	12.1
Viscosity at 40°C	cSt	ASTM D 445	71.9
Viscosity Index	-	ASTM D 2270	167
CCS Viscosity at -30°C	cP	ASTM D 5293	4847
Freezing Point	°C	ASTM D 5949	-36
Flash point, COC	°C	ASTM D 92	234
Base number, TBN	mg KOH/g	ASTM D 2896	8.0
Sulfated ash	% (m/m)	ASTM D 874	0.65
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.