

## MOTOR VEHICLE LUBRICANTS. CARS

# CEPSA AVANT 20W50 SYNT

### DESCRIPTION

A multigrade oil especially designed to exceed the API SN specification, thereby covering the demand levels for latest-technology gasoline and LPG engines and for classic, indirect-injection diesel engines.

### PRODUCT APPLICATIONS

- A formulation designed for four-stroke engine designs, both the latest and older designs from leading manufacturers, suitable for all car, pick-up and light diesel vehicles.
- For modern technology gasoline designs: turbocharged, direct injection, common rail, intercooler, etc. and traditional diesel technology (indirect injection).
- Suitable for use with all types of fuels: gasoline, diesel or CNG.
- For warm climates, especially in long-lasting service under extreme conditions that require an oil with this level of viscosity.

### PRODUCT PERFORMANCE

- It offers greater anti-wear protection versus API SL oils, thereby increasing the useful life of an engine versus other, purely mineral oils, even at the points subject to the harshest conditions, such as the valve train.
- Its very low volatility and high viscosity at high temperatures make it ideal for preventing excessive oil consumption on long trips.
- Thanks to its high-performance features and the oil's resistance to degradation and oxidation, it can go longer between oil changes while neutralising the acids coming from the combustion chamber.
- Its high detergent/dispersant power offers extraordinary cleanliness in all parts of an engine and prevents the formation of sludge and lacquers.
- Great stability at high temperatures due to its viscosity-temperature ratio, and it can even be used in CNG engine designs.

### SPECIFICATIONS

- API SN
- ACEA A3/B3
- MB 229.1
- VW 501.01/505.00



### TYPICAL CHARACTERISTICS

CHARACTERISTIC	UNITS	METHOD	CEPSA AVANT 20W50 SYNT
<b>SAE grade</b>	-	-	<b>20W50</b>
Density 15° C	g/ml	ASTM D 4052	0.889
Viscosity at 100° C	cSt	ASTM D 445	17.30
Viscosity at 40° C	cSt	ASTM D 445	145.6
Viscosity Index	-	ASTM D 2270	130
CCS viscosity at -15° C	cP	ASTM D 5293	7700
Freezing point	°C	ASTM D 97	-27
OC Flash Point	°C	ASTM D 92	> 210
Base Number, TBN	mg KOH/g	ASTM D 2896	9.2
Sulphated Ash	% (m/m)	ASTM D 874	1.04
HTHS Viscosity at 150° C	cP	ASTM D 4683	4.1

### HEALTH & SAFETY AND ENVIRONMENT

In accordance with legislation in force, this product has the corresponding Material Safety Data Sheet, which provides information about potential hazards, handling precautions and first aid measures, together with available environmental data.

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