

# CEPSA STAR AVANT 15W40

## Description



This is a multigrade oil that is specially designed to exceed the API SN specification, covering maximum quality for the latest generation of petrol, diesel and GNC engines from the most demanding manufacturers.

### Applications

- This is a formulation intended for modern, four-stroke engines from the leading manufacturers.
- It is for modern technology designs: turbofed, direction injection, common rail and intercooler etc.
- It is suitable for use with all type of fuels: petrol, diesel or GNC.
- For all types of climate and driving, especially severe services over long distances.

### Performance

- It provides greater engine anti-wear protection compared to API SL oils, increasing the useful lifetime of the engine compared to purely mineral oils, even at the most severe points, such as the valve train.
- Its controlled volatility makes it ideal for preventing excessive oil consumption over long distances.
- Its high performance and degradation-oxidation resistance mean longer oil-change intervals and neutralisation of acids produced during combustion.
- The high detergent/dispersant power provides excellent cleaning of all engine components and prevents sludge and lacquer formation.
- Excellent stability at high temperatures because of its viscosity-temperature ratio, even when used in GNC engines.

## Specifications

· API SN/CF

· ACEA A3/B4- 08

## Typical Characteristics

	ASTM STANDARD	CEPSA STAR AVANT
<b>SAE grade</b>	---	<b>15W-40</b>
Density at 15°C, g/cc	D-4052	0,884
Flash point O/C °C	D-92	>210
Freezing point, °C	D-5950	-30
Viscosity at 100°C, cSt	D-445	14,1
Viscosity at 40°C, cSt	D-445	104,4
Viscosity index	D-2270	137
Base Number, mg KOH /g	D-2896	9,2
Sulphated ash, % (m/m)	D-874	1,22



## 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.