

CEPSA STAR AVANT 20W50

Description



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

Applications

- This formulation is intended for use in the most modern and older four-stroke engines from leading manufacturers and is suitable for all models of car, van and light diesel vehicles.
- It is for modern technology designs: turbofed, direct 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 very low volatility and high viscosity at high temperatures make 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 20W-50
SAE grade		20W-50
Density at 15°C, g/cc	D-4052	0.889
Flash point O/C °C	D-92	>210
Freezing point, °C	D-5950	-28
Viscosity at 100°C, cSt	D-445	17.30
Viscosity at 40°C, cSt	D-445	145,60
Viscosity index	D-2896	130
Base Number, mg KOH /g	D-2270	9.2
Sulphated ash, % (m/m)	D-874	1,04
Noack Volatility 250°C	CEC L-40-A-93	7.3



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.