

CEPSA STAR SYNTHETIC 10W40

Description



The semi-synthetic engine lubricant oil CEPSA STAR SYNTHETIC 10W40 is specially recommended for meeting the high demands of medium and high speed, direct injection diesel and petrol engines and is also suitable for dual fuel CNG/LPG engines.

Applications

- Indicated in modern, high-range and performance private cars: saloon and sports cars and, in general, those fitted with very powerful mechanical systems.
- For modern technology designs: turbocharged, direct-injection, common-rail, intercooler, HDI and CDI etc.
- When a fluid oil is required for starting, with high-friction performance and moderate fuel savings.
- For all types of climate and driving, especially severe service.

Performance

- VW 502.00/505.00 certification ensures excellent anti-wear protection and cleaning of engine components, especially on turbocharged engines, preventing accumulations of residues the turbocharger and so increasing its useful life.
- API SM approval guarantees excellent protection and cleanliness of all engine components, including the severest applications, providing excellent levels of cleanliness that are much higher than those of API SL oils.
- The ACEA A3/B4 level ensures a high-level of engine protection, especially in vehicles with engines fitted with direct-injection systems, enabling maximum performance to be maintained.
- It facilitates cold starting and contributes to fuel savings when compared to oils of greater viscosity.
- It has low volatility, which favours low oil consumption, even in the most demanding applications.
- High anti-wear power, which enables the engine to be maintained in perfect conditions and lengthen its useful lifetime.
- It protects the engine from acid gases produced during GNC combustion.

Specifications

• API SN/CF	• ACEA A3/B4-10	• VW 502.00/505.00
• RN0700 (nivel)	• 9.55535 – D2 (nivel)	• MB-Approval 229.1

Typical Characteristics

CHARACTERISTICS	ASTM STANDARD	CEPSA STAR SYNTHETIC 10W40
SAE Grade	---	10W-40
Density 15°C, g/cc	D-4052	0.876
Flash Point (COC) °C	D-92	>210
Pour Point, °C	D-97	-33
Viscosity at 100°C, cSt	D-445	14.7
Viscosity at 40°C, cSt	D-445	97,3
Viscosity Index	D-2270	158
Base number, mg KOH/g	D-2896	10
HTHS Viscosity (cP)	D-4683	3.7

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.