

CEPSA STAR SYNTHETIC 5W30 ECO



Description



100% synthetic lubricant oil that is highly resistant to shear forces and low friction, which provides it with fuel economising characteristics (Fuel Eco Technology), achieving economies of up to averages of 6% in diesel and petrol with respect to conventional oils.

Applications

- Specially developed for the lubrication of the very latest internal combustion engines, diesel and petrol (multivalve, common-rail and turbocharged) that are designed for low-friction and viscosity oils (Low HTHS).
- It is recommended for all usages and distances and also for vehicles fitted with Stop-Start systems.
- Has been approved in the latest specification Ford WSS-M2C913-C, mandatory for all new vehicles and highly recommended for those models that required the previous specification WSS-M2C913-B.

Performance

- Its exclusive formulation endows it with high performance in the current ECO oil market (ecological because it helps to reduce emissions and economical because it contributes to fuel savings).
- It has been shown that oils with low viscosity at high temperature and high shear (Low HTHS) allow fuel savings rates above 3% compared to conventional oil.
- Fuel consumption reduction 6% in city driving and up to 8% in urban driving.
- It significantly minimises internal engine rubbing, thus obtaining greater power and high reduction of contaminating emissions and energy savings.
- An oil with low HTHS* (low viscosity at high temperatures and high shear) characteristics, which provides enhanced lubrication of the entire engine and reduction of noise caused by inadequate lubrication. Warning! Not all engines are designed for this viscosity; please follow the manufacturer's instructions at all times.
- Its high engine cleaning power (detergency) and special protection against bearing and piston wear ensures long engine lifetime.
- Specially developed anti-wear additives. Excellent engine protection that lengthens its useful lifetime and reduces maintenance costs.

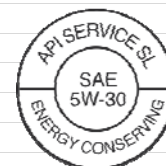
*High-shear tests performed at 150°C, which emulates the maximum demand level for the oil at the points of highest engine pressure (camshaft).

Specifications

• ACEA A5/B5 - 10	• ACEA A1/B1- 10	• API SL/CF	• FORD WSS-M2C913-C
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Typical Characteristics

CHARACTERISTICS	ASTM STANDARD	CEPSA STAR SYNTHETIC 5W30 ECO
SAE Grade	---	5W-30
Density 15°C, g/cc	D-4052	0.856
Flash Point (COC) °C	D-92	>222
Pour Point, °C	D-97	-36
Viscosity at 40°C, cSt	D-445	50.37
Viscosity at 100°C, cSt	D-445	9.66
Viscosity Index	D-2270	169
Base Number, mg KOH/gr	D-2896	10.6
HTHS Viscosity at 150°C, cP	D-4683	2.92



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.