

## MOTOR VEHICLE LUBRICANT OILS. PASSENGER CARS

# CEPSA GENUINE 10W30 FE

## DESCRIPTION **ECOPRODUCT**

High-performance, synthetic-technology lubricant for the latest generation of petrol and diesel engines without particulate filters, formulated with an advanced additivation that ensures engine protection and has some excellent fuel-economising characteristics (Fuel Eco Technology) compared to conventional oils.

### PRODUCT APPLICATIONS

- Specifically developed for the lubrication of more modern petrol engines (multivalve, common-rail, turbocharged, direct injection), that require oils with low friction and low viscosity (low HTHS) of API SN PLUS and ILSAC GF-5 quality.
- Also recommended for plug-in (PHEV) and non-plug-in (HEV) hybrid vehicles with petrol and electric engines.
- Allows long change intervals, working under a wide range of operating conditions.
- It is compatible with earlier versions of API SN, SM, SL and SJ quality levels and previous ILSAC categories.

### PRODUCT USES

- Its formulation endows it with high performance in the current ECO oil market (ecological because it helps reduce CO<sub>2</sub> emissions and Economical because it contributes to fuel savings).
- It allows fuel saving rates above 3% compared to conventional oil and minimises internal engine friction, thus boosting power, reducing contaminant emissions and saving energy.
- Compliance with the API SN PLUS specification ensures protection against wear caused by LSPI (Low Speed Pre-Ignitions) that can occur on modern turbocharged petrol engines.
- Its high engine cleaning power (detergency) and special protection against bearing and piston wear ensures long engine lifetime.
- Excellent cold flow, allowing for the rapid circulation of oil to protect the engine at start up (important in start-stop systems).

## SPECIFICATIONS

• API SN PLUS

• ILSAC GF-5



## TYPICAL CHARACTERISTICS

CHARACTERISTIC	UNITS	METHOD	CEPSA GENUINE 10W30 FE
<b>SAE Grade</b>	-	-	<b>10W30</b>
Density at 15°C	g/ml	ASTM D 4052	0.866
Viscosity at 100°C	cSt	ASTM D 445	10.3
Viscosity at 40°C	cSt	ASTM D 445	66.4
Viscosity index	-	ASTM D 2270	142
CCS viscosity at -25°C	cP	ASTM D 5293	3928
Freezing point	°C	ASTM D 5949	-45
Flash point, V/A	°C	ASTM D 92	234
Base number, TBN	mg KOH/g	ASTM D 2896	8.6
Sulphated ash	% (m/m)	ASTM D 874	0.6
HTHS viscosity at 150°C	cP	ASTM D 4683	2.9

## HEALTH & SAFETY AND ENVIRONMENT

A Material Safety Data Sheet providing information on product hazards, handling precautions, first aid measures, and relevant environmental data is available for this product in accordance with the applicable legislation.

The typical values of the characteristics appearing in the table are average values given for guidance purposes only and do not constitute a guarantee. These values may be modified without any prior warning.