

# MASTER ECO M 0W-20

## Description

 CARBON NEUTRAL

ACEA C5 and C6 quality synthetic lubricating oil, especially recommended in diesel and gasoline vehicles that incorporate particulate filters as exhaust gas treatment. It is characterized by its significant fuel saving properties (fuel economy), and by contributing to lower CO<sub>2</sub> emission to the atmosphere, under normal driving conditions. In addition, its synthetic components make it a "Long Life" lubricant, i.e. a lubricant that allows extended change periods, according to the recommendations of each manufacturer.

Master ECO M 0W-20 lubricant is **Carbon Neutral** because of minimizing emissions during its manufacture, maximizing the use of packaging with a high content of recycled material, and compensating for residual emissions that could not be avoided. To achieve this, verified credits from nature-based projects have been used, which in addition to removing CO<sub>2</sub> from the atmosphere, improve biodiversity and support the development of local communities (1 credit = 1 ton of CO<sub>2</sub>).

## Properties

- Due to its synthetic technology and studied viscosity, it allows fuel savings of up to 3.0% compared to other lubricants, in the standardized conditions of the M111FE test.
- It is also suitable for use in modern turbocharged gasoline engines with direct injection, where it provides protection against damage at low speed pre-ignition (LSPI).
- Due to its high quality, it is especially noted for its low deposit and sludge formation compared to other synthetic oils, as demonstrated by the test results of leading engine manufacturers.
- It reduces turbocharger deposits to a minimum.
- Its 0W-20 viscosity grade reduces internal friction and allows cold starts while maintaining perfect lubrication.

## Quality levels, approvals and recommendations

- API: SP, SN PLUS\*
  - GM: dexosD [DD25BADE102]\*
  - MB-Approval: 229.71\*
  - ACEA: C5, C6
  - FORD: WSS-M2C952-A1\*
  - JAGUAR LAND ROVER: STJLR.03.5006\*
  - OPEL: OV401547\*
- \*Formal approval

## Technical specifications

	UNIT	METHOD	VALUE
SAE Grade			0W-20
Density at 15 °C	g/cm <sup>3</sup>	ASTM D4052	0.844
Kinematic viscosity at 100 °C	cSt	ASTM D445	8.3
Kinematic viscosity at 40 °C	cSt	ASTM D445	41
Viscosity index		ASTM D2270	184
Flash point, open cup	°C	ASTM D92	210
TBN	mg KOH/g	ASTM D2896	9.5
Noack volatility, 1h at 250 °C	% in weight	CEC L-40-93	10.8

The above mentioned characteristics are typical values and should not be considered product specifications.