Motor Oil

MASTER ECO M 0W-20

Description

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 CO2 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.

We voluntarily offset the emissions of MASTER ECO M 0W-20 that could not be avoided during its life cycle. To do this, we have used verified credits (1 credit = 1 tonne of CO_2) from nature-based projects. These credits come from nature-based projects that capture CO_2 from the atmosphere, thereby contributing to climate action.

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

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

*Formal approval

Technical specifications

	UNIT	METHOD	VALUE
SAE Grade			0W-20
Density at 15 ºC	g/cm3	ASTM D4052	0.844
Kinematic viscosity at 40 ºC	cSt	ASTM D445	41
Kinematic viscosity at 100 ºC	cSt	ASTM D445	8.3
Viscosity index	-	ASTM D2270	184
Flash point, open cup	ºC	ASTM D92	210
Noack volatility, 1h at 250 °C	% in weight	CEC L-40-93	10.8
TBN	mg KOH/g	ASTM D2896	9.5

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