

# MASTER ECO HYBRID

## Description



These low viscosity synthetic lubricants maximize the performance of hybrid vehicles equipped with gasoline and electric engines. They are suitable for both, plug-in hybrid electric vehicles (PHEV) and hybrid electric vehicles (HEV).

These engine oils are designed to withstand the severe operating conditions imposed by start-stop systems, and protect the combustion engine even under the most unfavorable situations when continuous switching from one engine to the other occur. Moreover, these products offer Fuel Economy benefits under standard driving conditions, which not only lowers fuel consumption, but it also contributes to reduce the CO<sub>2</sub> emissions to the atmosphere. Hence, these lubricants are the perfect choice for environmentally conscious owners of hybrid electric vehicles.

Master ECO Hybrid 0W-16, 0W-20, 5W-30 lubricants are **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

- 100% synthetic lubricants that are very stable and degradation resistant
- Low viscosity products that reduce fuel consumption and protect the engine even under the most severe conditions imposed by start-stop systems
- Specifically designed for eco-friendly drivers
- Specially recommended for vehicles of the TOYOTA group

## Quality levels, approvals and recommendations

- API: SP\* (0W-16, 0W-20, 5W-30)
- ILSAC: GF-6A\* (0W-20, 5W-30)
- ILSAC: GF-6B\* (0W-16)
- \*Formal approval

## Technical specifications

	UNIT	METHOD	VALUE		
SAE Grade			0W-16	0W-20	5W-30
Density at 15 °C	g/cm <sup>3</sup>	ASTM D4052	0.844	0.850	0.850
Kinematic viscosity at 100 °C	cSt	ASTM D445	7.2	8.3	10.5
Kinematic viscosity at 40 °C	cSt	ASTM D445	36	43	62
Viscosity index	-	ASTM D2270	164	170	160
Flash point, open cup	°C	ASTM D92	225	225	240
TBN	mg KOH/g	ASTM D2896	7.3	7.3	7.3
Pour point	°C	ASTM D97	<-39	<-39	<-39

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



# MASTER ECO HYBRID

## List of vehicles where we recommend these products\*:

Brand	Model	RP HYBRID
Infiniti	Q50	5W-30
Lexus	CT	0W-20, 5W-30
Lexus	IS	0W-20, 5W-30
Lexus	RC	0W-20, 5W-30
Lexus	LC	0W-20, 5W-30
Lexus	GS	0W-20, 5W-30
Lexus	LS	0W-20, 5W-30
Lexus	RX	0W-20, 5W-30
Lexus	ES	0W-16 (from 2018), 0W-20, 5W-30
Lexus	NX	0W-20, 5W-30
Lexus	LX	0W-20, 5W-30
Lexus	GX	0W-20, 5W-30
Lexus	RX	0W-20, 5W-30
Lexus	UX	0W-16 (from 2019)
Mitsubishi	Outlander	0W-20, 5W-30
Subaru	XV	0W-20, 5W-30
Subaru	Forester	0W-20, 5W-30
Toyota	Yaris	0W-16 (from 2018), 0W-20, 5W-30
Toyota	Corolla	0W-16 (from 2018), 0W-20, 5W-30
Toyota	Auris	0W-20, 5W-30
Toyota	Prius	0W-16 (from 2018), 0W-20, 5W-30
Toyota	C-HR	0W-16 (from 2018), 0W-20, 5W-30
Toyota	RAV4	0W-16 (from 2018), 0W-20, 5W-30
Toyota	Camry	0W-16 (from 2019), 0W-20, 5W-30
Toyota	Avalon	0W-16 (from 2019)
Toyota	Aygo	0W-16 (from 2018), 0W-20, 5W-30

*\*This list was elaborated to help you identify if the lubricants in this technical data sheet are adequate for your vehicle. The list is not meant to be comprehensive, as new vehicles may not appear on it, and more recent models may have changed their technical specifications; please, do note the creation date of this document at the foot of the page. Please, do check that the SAE grade and the quality levels required for the engine oil indicated in your car service manual are the same as the ones shown in this document. Repsol is in possession of official evidence that our products meet the quality levels presented in this document.*