

Product Code:

# 7511

# ENERGY

## HC Synthese engine oil

Meets the requirements:

SAE 5W-30, API SN/CH-4, ACEA A3/B3,  
VW-Norm 502 00/505 00, MB 229.3,  
FORD WSS-M2C913-B

MANNOL Energy is a multipurpose, multigrade hydro synthetic engine oil for modern petrol and diesel engines with and without turbocharger. It is produced with the use of new and unique wear-out reducing technology. Provides high level of protection. Guarantees extreme cleanliness of the engine components. Effectively reduces fuel consumption. Energy guarantees safe engine combustion at high loads, speeds and frequent temperature changes.

### Product Characteristics:

Test	Method	Unit	Result
Density at 15°C	D 1298	kg/m <sup>3</sup>	850
Viscosity at 40°C	D 445	CSt	66,38
Viscosity at 100°C	D 445	CSt	11,19
Viscosity at -30°C	D 5293	CP	5334
Viscosity index	D 2270		162
Flash point COC	D 92	°C	220
Pour point	D 97	°C	-42
TBN	D 2896	gKOG/kg	8,11

### Volume:

1L	MN7511-1	10L	MN7511-10
1L met.	MN7511-1ME	20L	MN7511-20
4L	MN7511-4	60L	MN7511-60
4L met.	MN7511-4ME	208L	MN7511-DR
5L	MN7511-10	1000L	MN7511-IBC
7L	MN7511-7		



[www.mannol.de](http://www.mannol.de)

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# MANNOL®