

Product Code:

# 7913

# ENERGY FORMULA PD

## HC synthese engine oil

Meets the requirements:

SAE 5W-40, API SN/CH-4, ACEA C3,  
MB-Approval 229.51, VW-Norm 502 00/505 01,  
BMW LL-04, FORD WSS-M2C917A, GM dexos2,  
PORSCHE A40, RENAULT RN0710/0700

MANNOL Energy Formula PD is a state of the art HC-synthesis engine oil for the latest petrol and diesel engines with pumped-jet injection systems and with exhaust emission standard EURO 4 or EURO 5. Specially developed for engines with turbocharger, direct injection, exhaust treatment and for modern engines which require oils with the ACEA C3 specification. Contains antioxidants and prevents the formation of sediments, thereby guaranteeing clean engine parts. Compatible with catalytic converter and particulate filter (DPF). Can be used for engines powered with natural gas (CNG) and liquefied petroleum gas (LPG).

### Product Characteristics:

Test	Method	Unit	Result
SAE-class			5W-40
Density at 15°C	D 1298	kg/m <sup>3</sup>	850
Viscosity at 40°C	D 445	CSt	82,55
Viscosity at 100°C	D 445	CSt	13,84
Viscosity at -30°C	D 5293	CP	5512
Viscosity index	D 2270		173
Flash point COC	D 92	°C	226
Pour point	D 97	°C	-42
TBN	D 2896	gKOH/kg	7,95

### Volume:

1L	MN7913-1	60L	MN7913-60
5L	MN7913-5	208L	MN7913-DR
10L	MN7913-10	1000L	MN7913-IBC
20L	MN7913-20		



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

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