



OECD approval number

2/1 818

Restricted Code

OECD approval date

12/04/1999

Make

New Holland

Model

TS 80

Type

2 WD

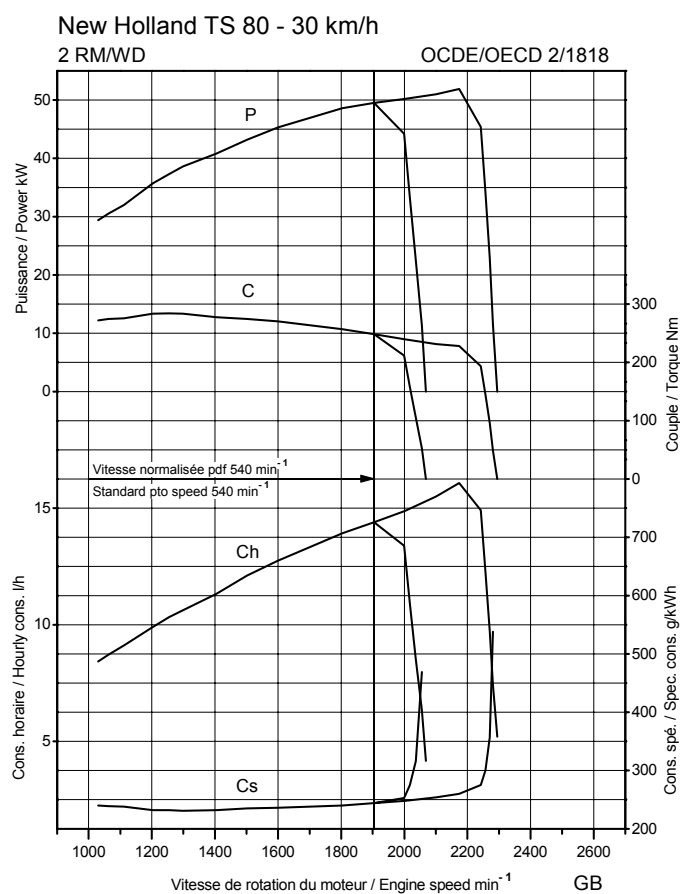
8 speeds - 618510 - 30 km/h

Manufacturer

New Holland UK Ltd

Testing station:

SRI, Silsoe, United Kingdom



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	New Holland	450/NG
<i>Type, Supercharging</i>	Direct injection	None
<i>Cylinders, Disposition</i>	4	vertical in line
<i>Capacity, Cooling</i>	4987 cm ³	Liquid
<i>Gear box</i>		Mechanical
<i>Number of forward and reverse speeds</i>	8	2
<i>Speed at rated engine speed</i>	from 2.90	to 30.89 km/h
<u>Standard Power take-off speed</u>	<u>540 min⁻¹</u>	<u>1000 min⁻¹</u>
<i>Power take-off speed at rated engine speed</i>	616 min ⁻¹	None
<i>Diameter of the shaft</i>	35 mm	
<i>Number of splines</i>	6	

Power take-off TestTwo hours test at maximum power

<i>Power, Engine and Power take-off speed</i>	51.9 kW	2174 min ⁻¹	617 min ⁻¹
<i>Hourly and specific consumption</i>		16.08 l/h	260 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	51.9 kW	2174 min ⁻¹	617 min ⁻¹
<i>Hourly and specific consumption</i>		16.08 l/h	260 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	49.5 kW	1904 min ⁻¹	540 min ⁻¹
<i>Hourly and specific consumption</i>		14.40 l/h	244 g/kWh

Torque rise

24.8 %

Maximum torque, Engine speed corresponding284.2 Nm 1254 min⁻¹**Drawbar Test***Front tyres, Rear tyres*

7.50 - 16 18.4 - 34

Test with tractorunballasted ballasted*Total Mass*

3180 kg

Maximum drawbar pull

27.2 kN

Not

at speed of

2.60 km/h

required

Maximum power

45.1 kW

in

at speed of

9.78 km/h

Code 2

Hydraulic Performance and Power Lift Test*Hydraulic system*

Closed centre

At maximum hydraulic power*Flow rate, Pressure, Power*

33.1 l/min

17.5 MPa

9.7 kW

Maximum lifting force*at hitch points, at frame*

20.9 kN

14.8 kN