



OECD approval number

2/1 829

Restricted Code

OECD approval date

02/07/1999

Make

New Holland

Model

TS 90

Type

4 WD

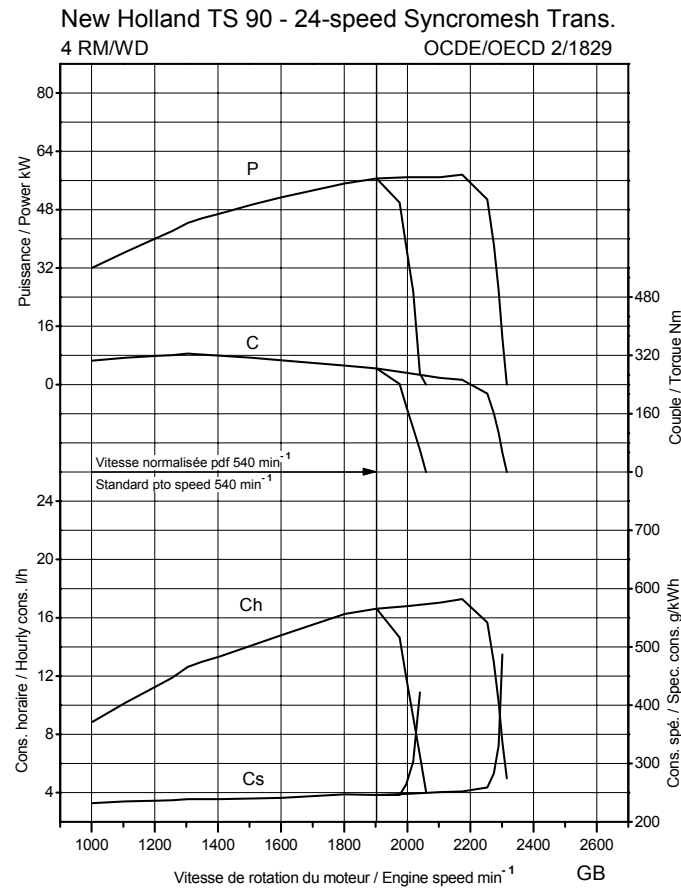
24 speeds - 618115 - 40 km/h

Manufacturer

New Holland UK Ltd

Testing station:

SRI, Silsoe, United Kingdom



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	New Holland	450T/PF
<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 synchronized
<i>Number of forward and reverse speeds</i>		24 24
<i>Speed at rated engine speed</i>		from 1.59 to 35.95 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>	57.6 kW	2174 min ⁻¹	617 min ⁻¹
<i>Hourly and specific consumption</i>		17.29 l/h	252 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	57.6 kW	2174 min ⁻¹	617 min ⁻¹
<i>Hourly and specific consumption</i>		17.29 l/h	252 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	56.6 kW	1902 min ⁻¹	540 min ⁻¹
<i>Hourly and specific consumption</i>		16.62 l/h	246 g/kWh

Torque rise

28.3 %

Maximum torque, Engine speed corresponding324.7 Nm 1304 min⁻¹**Drawbar Test***Front tyres, Rear tyres*

14.9 R 24 18.4 R 34

Test with tractorunballasted ballasted*Total Mass*

4313 kg

Maximum drawbar pull

46.0 kN

*at speed of*1.46 km/h *Not required**Maximum power*

49.0 kW

*at speed of*5.89 km/h *in Code 2***Hydraulic Performance and Power Lift Test***Hydraulic system*

Closed centre

At maximum hydraulic power

<i>Flow rate, Pressure, Power</i>	59.6 l/min	16.8 MPa	16.7 kW
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Maximum lifting force

<i>at hitch points, at frame</i>		29.9 kN	21.1 kN
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