



OECD approval number

2/1 830

Restricted Code

OECD approval date

08/07/1999

Make

New Holland

Model

TS 115

Type

4 WD

16 speeds - 618345 - 40 km/h

Manufacturer

New Holland UK Ltd

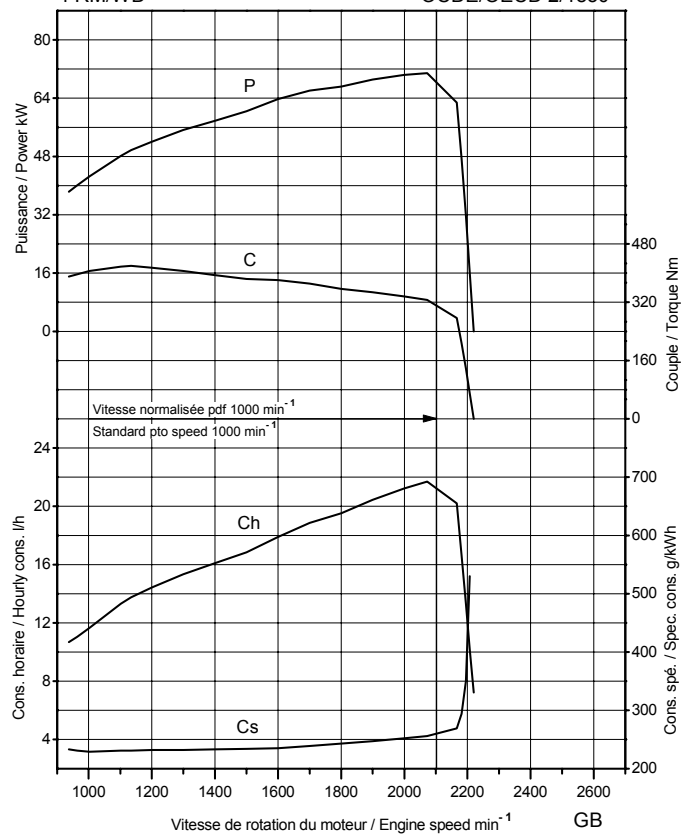
Testing station:

SRI, Silsoe, United Kingdom

New Holland TS 115 - 16-speed Power-shift Trans.

4 RM/WD

OCDE/OECD 2/1830



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	New Holland	450T/TJ
<i>Type, Supercharging</i>	Direct injection	None
<i>Cylinders, Disposition</i>	6	vertical in line
<i>Capacity, Cooling</i>	7480 cm ³	Liquid
<i>Gear box</i>		Electro mechanical
<i>Number of forward and reverse speeds</i>		16 16
<i>Speed at rated engine speed</i>		from 2.22 to 39.50 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>		591 min ⁻¹ 985 min ⁻¹
<i>Diameter of the shaft</i>		35 mm 35 mm
<i>Number of splines</i>		6 21

Power take-off TestTwo hours test at maximum power

<i>Power, Engine and Power take-off speed</i>	70.9 kW	2072 min ⁻¹	985 min ⁻¹
<i>Hourly and specific consumption</i>		21.71 l/h	256 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	70.9 kW	2072 min ⁻¹	985 min ⁻¹
<i>Hourly and specific consumption</i>		21.71 l/h	256 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	70.9 kW	2072 min ⁻¹	985 min ⁻¹
<i>Hourly and specific consumption</i>		21.71 l/h	256 g/kWh

Torque rise

28.5 %

Maximum torque, Engine speed corresponding419.9 Nm 1134 min⁻¹**Drawbar Test***Front tyres, Rear tyres*

14.9 R 28 18.4 R 38

Test with tractorunballasted ballasted*Total Mass*

4802 kg

Maximum drawbar pull

48.1 kN

*at speed of*2.04 km/h *required**Maximum power*

60.4 kW

*at speed of*6.20 km/h *Code 2***Hydraulic Performance and Power Lift Test***Hydraulic system*

Closed centre

At maximum hydraulic power

<i>Flow rate, Pressure, Power</i>	71.7 l/min	16.8 MPa	20.1 kW
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Maximum lifting force

<i>at hitch points, at frame</i>		20.1 kN	15.6 kN
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