



OECD approval number

2/1 834

Restricted Code

OECD approval date

20/07/1999

Make

New Holland

Model

TS 110

Type

4 WD

24 speeds - 618135 - 40 km/h

Manufacturer

New Holland UK Ltd

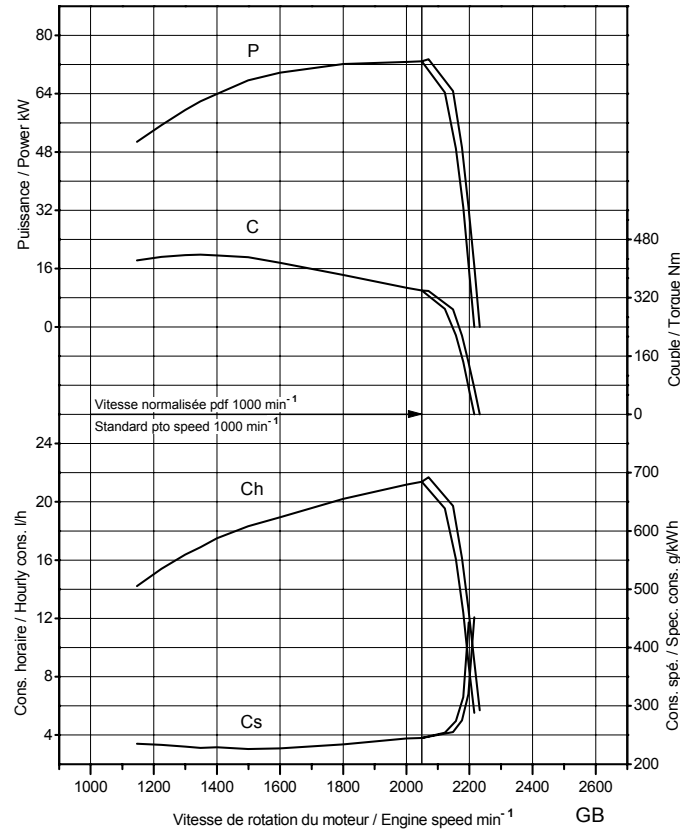
Testing station:

SRI, Silsoe, United Kingdom

New Holland TS 110 - 24-speed Synchromesh Trans.

4 RM/WD

OCDE/OECD 2/1834



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	New Holland	450T/PD
<i>Type, Supercharging</i>	Direct injection	Yes
<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 1.61 to 36.52 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 1010 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>	73.4 kW	2070 min ⁻¹	1010 min ⁻¹
<i>Hourly and specific consumption</i>		21.68 l/h	247 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	73.4 kW	2070 min ⁻¹	1010 min ⁻¹
<i>Hourly and specific consumption</i>		21.68 l/h	247 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	72.9 kW	2049 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		21.39 l/h	245 g/kWh

Torque rise

<i>Maximum torque, Engine speed corresponding</i>		438.5 Nm	1348 min ⁻¹
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Drawbar Test*Front tyres, Rear tyres*

<u>Test with tractor</u>	14.9 R 28	18.4 R 38
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Total Mass

	<u>unballasted</u>	<u>ballasted</u>
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*Maximum drawbar pull**at speed of**Maximum power**at speed of***Hydraulic Performance and Power Lift Test***Hydraulic system*At maximum hydraulic power

<i>Flow rate, Pressure, Power</i>	61.3 l/min	17.0 MPa	17.4 kW
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Maximum lifting force

<i>at hitch points, at frame</i>		28.6 kN	22.3 kN
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