



OECD approval number

1 702

Restricted Code

OECD approval date

06/11/1997

Make

New Holland

Model

M 115

Type

4 WD

8260 - 18 /speeds - 40 km/h

Manufacturer

New Holland UK Ltd.

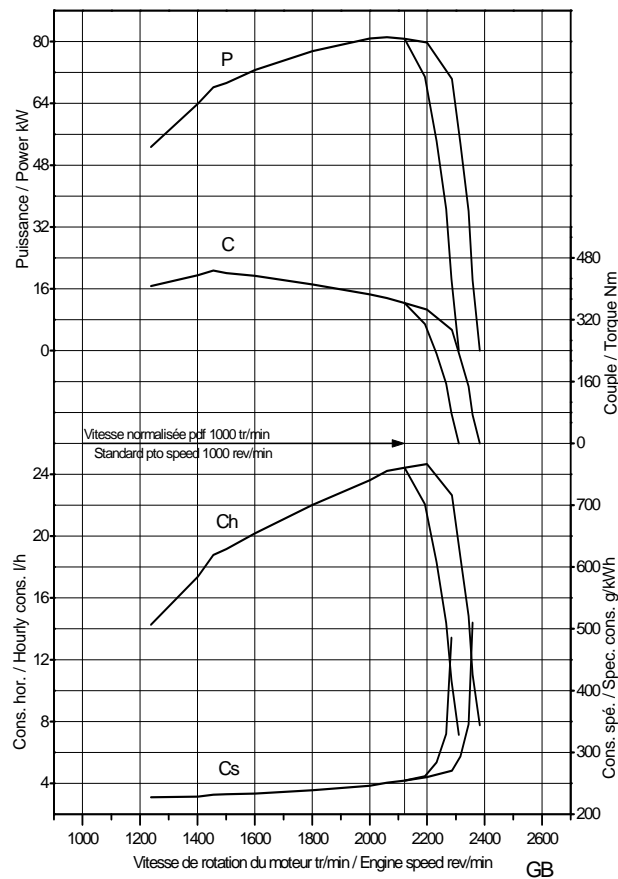
Testing station:

SRI, Silsoe, United Kingdom

Ford M 115 - 18 speed Semi Power Shift Trans.

4 RMWD

OCDE/OECD 2/1702/1



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	New Holland	675T/TD
<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 hydraulic
<i>Number of forward and reverse speeds</i>	18	6
<i>Speed at rated engine speed</i>	from 2.22	to 36.68 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>	603 min ⁻¹	1038 min ⁻¹
<i>Diameter of the shaft</i>	34.9 mm	34.9 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>	81.1 kW	2060 min ⁻¹	972 min ⁻¹
<i>Hourly and specific consumption</i>		24.22 l/h	251 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	79.8 kW	2200 min ⁻¹	1038 min ⁻¹
<i>Hourly and specific consumption</i>		24.67 l/h	260 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	80.7 kW	2121 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		24.42 l/h	254 g/kWh

Torque rise

		29.1 %	
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Maximum torque, Engine speed corresponding

447.0 Nm	1456 min ⁻¹
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Drawbar Test*Front tyres, Rear tyres*

	14.9 R 28	18.4 R 38
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Test with tractor

	<u>unballasted</u>	<u>ballasted</u>
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Total Mass

5139 kg

Maximum drawbar pull

49.7 kN

*at speed of*2.91 km/h *required**Maximum power*

66.7 kW

*at speed of*6.73 km/h *Code 2***Hydraulic Performance and Power Lift Test***Hydraulic system*

Opened centre

At maximum hydraulic power

<i>Flow rate, Pressure, Power</i>	91.0 l/min	17.0 MPa	25.8 kW
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Maximum lifting force

<i>at hitch points, at frame</i>		32.1 kN	30.0 kN
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