



OECD approval number

1 723

Restricted Code

OECD approval date

23/12/1997

Make

New Holland

Model

M100

Type

4 WD

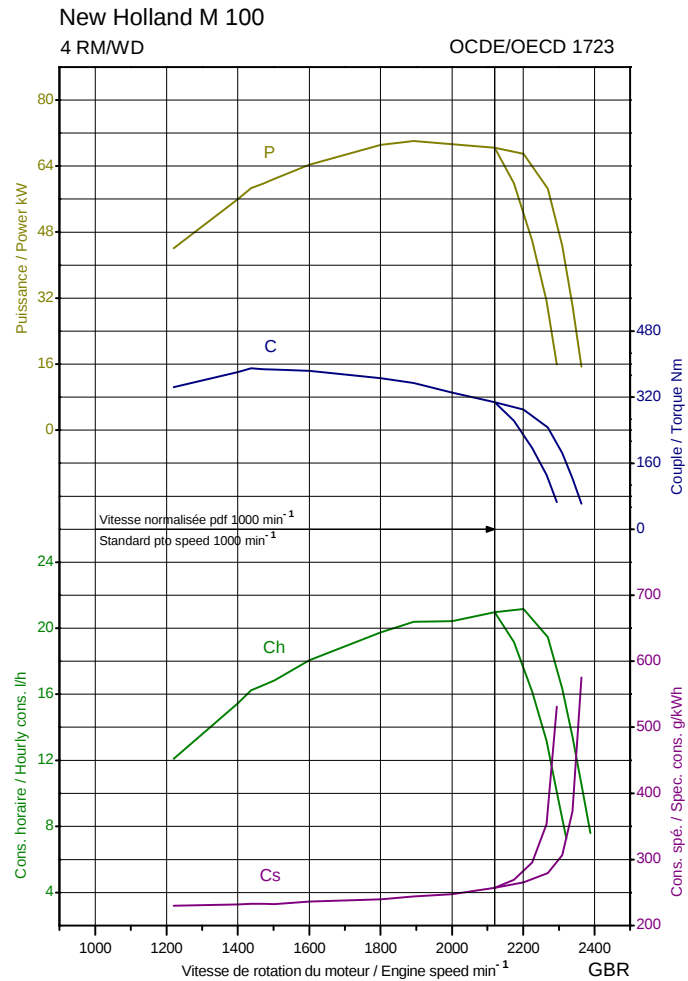
8160 - 18 speeds - 40 km/h

Manufacturer

New Holland UK Ltd.

Testing station:

SRI, Silsoe, United Kingdom



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	New Holland	675/TC
<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>		Mechanical powershift
<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
<i>Standard Power take-off speed</i>	540 min ⁻¹	1000 min ⁻¹
<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>	70.1 kW	1893 min ⁻¹	893 min ⁻¹
<i>Hourly and specific consumption</i>		20.39 l/h	244 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	66.9 kW	2201 min ⁻¹	1038 min ⁻¹
<i>Hourly and specific consumption</i>		21.17 l/h	265 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	68.5 kW	2120 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		20.99 l/h	257 g/kWh

Torque rise

<i>Maximum torque, Engine speed corresponding</i>	389.8 Nm	1437 min ⁻¹	34.2 %
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Drawbar Test*Front tyres, Rear tyres*Test with tractor

<i>Total Mass</i>	5139 kg	14.9 R 28	18.4 R 38
<i>Maximum drawbar pull</i>	48.2 kN	<u>unballasted</u>	<u>ballasted</u>
<i>at speed of</i>	2.02 km/h		Not
<i>Maximum power</i>	57.8 kW		required
<i>at speed of</i>	6.13 km/h		in
			Code 2

Hydraulic Performance and Power Lift Test*Hydraulic system*

Opened centre

At maximum hydraulic power

<i>Flow rate, Pressure, Power</i>	90.6 l/min	17.0 MPa	25.7 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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