



OECD approval number

1 703

Restricted Code

OECD approval date

13/11/1997

Make

New Holland

Model

M 115

Type

4 WD

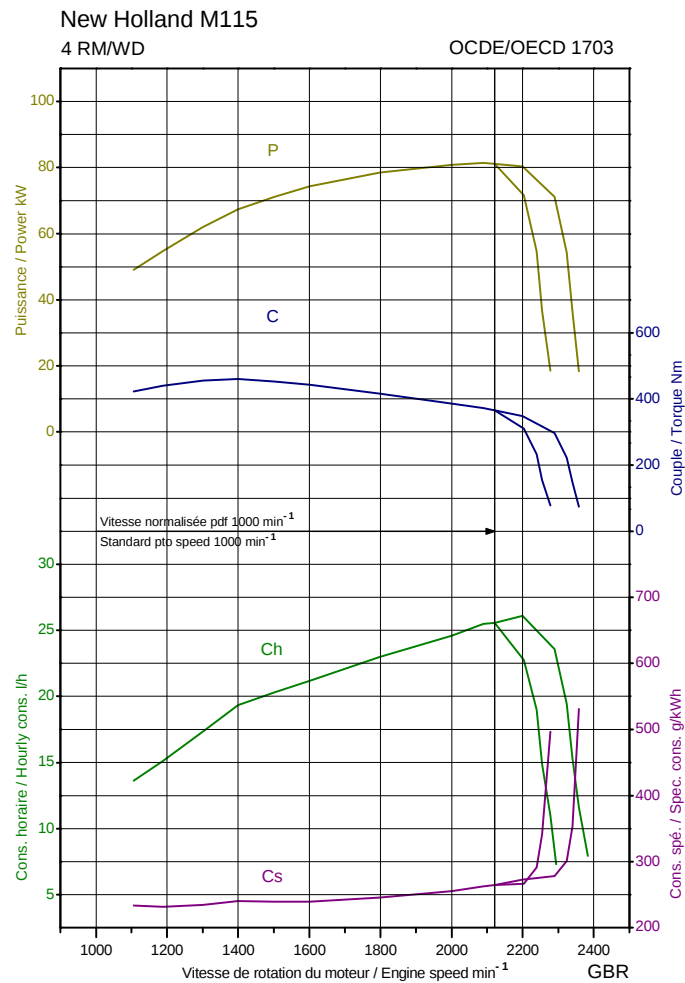
8260 - 23 speeds - 30 km/h

Manufacturer

New Holland UK Ltd.

Testing station:

SRI, Silsoe, United Kingdom



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	New Holland	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>		Mechanical synchronized
<i>Number of forward and reverse speeds</i>	23	12
<i>Speed at rated engine speed</i>	from 1.42	to 29.74 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>	81.4 kW	2090 min ⁻¹	986 min ⁻¹
---	---------	------------------------	-----------------------

<i>Hourly and specific consumption</i>	25.50 l/h	263 g/kWh
--	-----------	-----------

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	80.3 kW	2200 min ⁻¹	1038 min ⁻¹
---	---------	------------------------	------------------------

<i>Hourly and specific consumption</i>	26.10 l/h	273 g/kWh
--	-----------	-----------

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	81.1 kW	2121 min ⁻¹	1000 min ⁻¹
---	---------	------------------------	------------------------

<i>Hourly and specific consumption</i>	25.58 l/h	265 g/kWh
--	-----------	-----------

Torque rise

<i>Maximum torque, Engine speed corresponding</i>	460.0 Nm	1400 min ⁻¹
---	----------	------------------------

Drawbar Test

<i>Front tyres, Rear tyres</i>	14.9 R 28	18.4 R 38
--------------------------------	-----------	-----------

Test with tractor

<i>Total Mass</i>	5029 kg	
-------------------	---------	--

<i>Maximum drawbar pull</i>	50.3 kN	Not
-----------------------------	---------	-----

<i>at speed of</i>	3.28 km/h	required
--------------------	-----------	----------

<i>Maximum power</i>	68.8 kW	in
----------------------	---------	----

<i>at speed of</i>	9.31 km/h	Code 2
--------------------	-----------	--------

Hydraulic Performance and Power Lift Test

<i>Hydraulic system</i>		Opened centre
-------------------------	--	---------------

At maximum hydraulic power

<i>Flow rate, Pressure, Power</i>	93.6 l/min	17.0 MPa	26.5 kW
-----------------------------------	------------	----------	---------

Maximum lifting force

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

