



OECD approval number

2/1 920

Restricted Code

OECD approval date

05/09/00

Make

New Holland

Model

TM 150

Type

4 WD

M4C7BE - Semi Power Shift Transmission

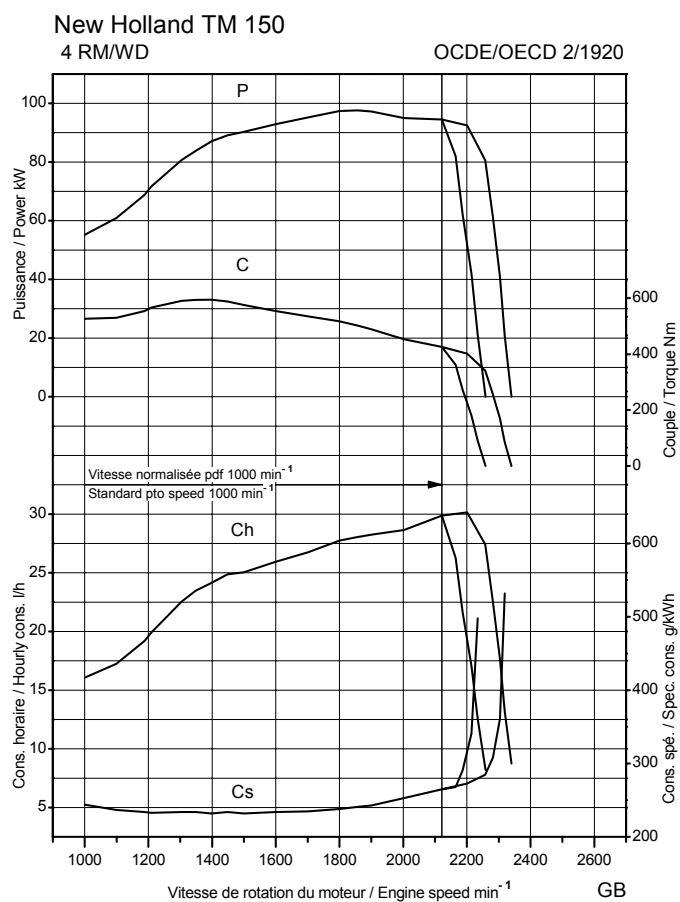
18 forward speeds - 40 km/h

Manufacturer

New Holland UK Ltd

Testing station:

SRI, Silsoe, United Kingdom



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	New Holland	675T/WV
<i>Type, Supercharging</i>	Direct injection	Yes
<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 2.46 to 40.79 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 6

Power take-off TestTwo hours test at maximum power

<i>Power, Engine and Power take-off speed</i>	97.6 kW	1856 min ⁻¹	876 min ⁻¹
<i>Hourly and specific consumption</i>		28.06 l/h	241 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	92.5 kW	2201 min ⁻¹	1038 min ⁻¹
<i>Hourly and specific consumption</i>		30.15 l/h	273 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	94.5 kW	2121 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		29.88 l/h	265 g/kWh

Torque rise

		48.2 %
<u>Maximum torque, Engine speed corresponding</u>	594.7 Nm	1398 min ⁻¹

Drawbar Test

<i>Front tyres, Rear tyres</i>	16.9 - 28	20.8 - 38
<u>Test with tractor</u>	<u>unballasted</u>	<u>ballasted</u>
<i>Total Mass</i>	6333 kg	
<i>Maximum drawbar pull</i>	64.2 kN	Not
<i>at speed of</i>	2.21 km/h	required
<i>Maximum power</i>	83.2 kW	in
<i>at speed of</i>	6.67 km/h	Code 2

Power Lift and Hydraulic Performance Test

<i>Hydraulic system</i>		Closed centre
<i>Maximum lifting force at hitch points, at frame</i>	41.7 kN	37.0 kN
<u>At maximum hydraulic power</u>		
<i>Flow rate, Pressure, Power</i>	101.4 l/min	17.5 MPa 29.6 kW