



OECD approval number

2/1 955/1

Restricted Code

OECD approval date

22/02/2002

Make

New Holland

Model

TJ 375

Type

Articulated 4 WD with dual wheels

Manufacturer

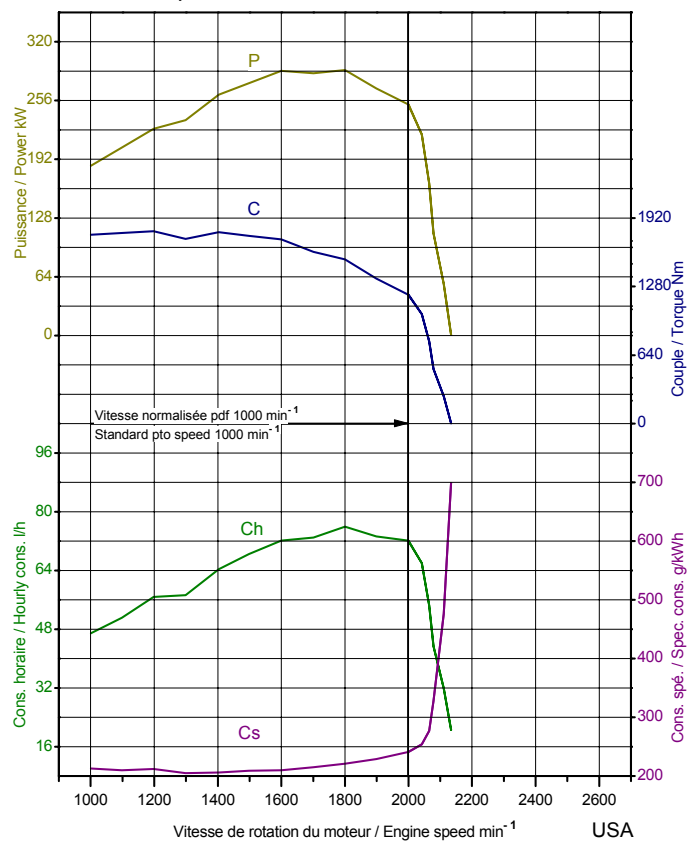
Case Corporation

Testing station:

Nebraska Tractor Test Laboratory, Lincoln, USA

New Holland TJ 375

4 RM articulé et roues jumelées/Articulated 4 WD with dual wheels OCDE/OECD 2/1955/1



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	Cummins	QSX15
<i>Type, Supercharging</i>	Driven Transfert Pump	Yes
<i>Cylinders, Disposition</i>	6	vertical in line
<i>Capacity, Cooling</i>	14945 cm ³	Liquid
<i>Gear box</i>		Mechanical powershift
<i>Number of forward and reverse speeds</i>	16	2
<i>Speed at rated engine speed</i>	from 3.97	to 34.09 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>		1001 min ⁻¹
<i>Diameter of the shaft</i>		44.5 mm
<i>Number of splines</i>		20

Power take-off TestTwo hours test at maximum power

<i>Power, Engine and Power take-off speed</i>	288.3 kW	1600 min ⁻¹	801 min ⁻¹
<i>Hourly and specific consumption</i>		72.15 l/h	210 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	252.0 kW	2000 min ⁻¹	1001 min ⁻¹
<i>Hourly and specific consumption</i>		72.17 l/h	241 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	252.0 kW	2000 min ⁻¹	1001 min ⁻¹
<i>Hourly and specific consumption</i>		72.17 l/h	241 g/kWh

Torque rise

		49.4 %
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Maximum torque, Engine speed corresponding

1797.0 Nm	1198 min ⁻¹
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Drawbar Test*Front tyres, Rear tyres*

20.8 - 42	20.8 - 42
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Test with tractor

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

17064 kg

Maximum drawbar pull

149.7 kN

at speed of

3.14 km/h

*Not required**Maximum power*

262.6 kW

*in**at speed of*

10.24 km/h

*Code 2***Power Lift and Hydraulic Performance Test***Hydraulic system*

Closed centre

Maximum lifting force at hitch points, at frame

95.6 kN

87.3 kN

At maximum hydraulic power*Flow rate, Pressure, Power*

131.0 l/min

16.9 MPa

36.9 kW