



OECD approval number

2/1 781

Restricted Code

OECD approval date

23/09/1998

Make

John Deere

Model

8200T

Type

Rubber tracklaying tractor

Powershift - 30 km/h

Manufacturer

John Deere Tractor Works

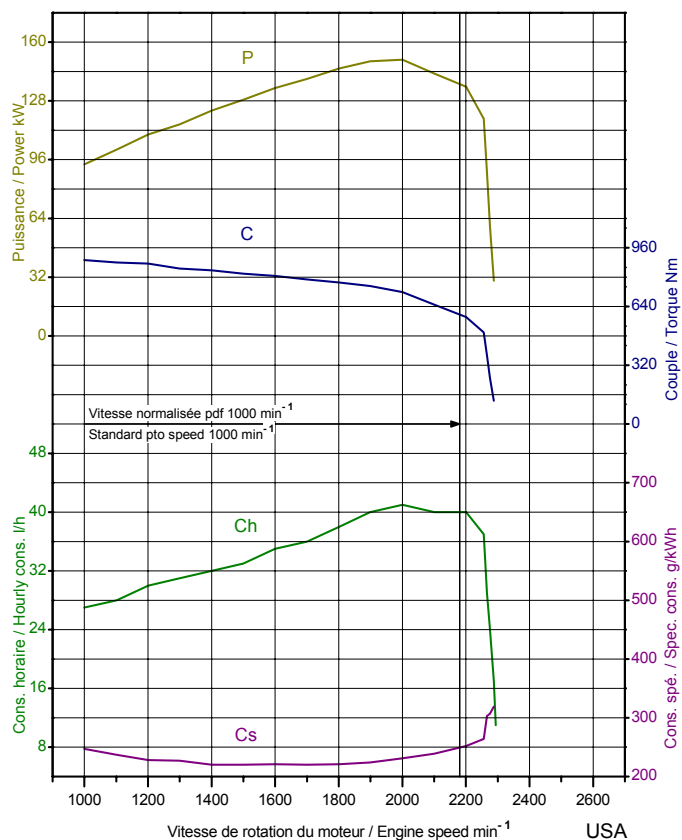
Testing station:

Nebraska Tractor Test Laboratory, Lincoln, USA

John Deere 8200T

Tracteur à chenilles caoutchouc/Rubber tracklaying tractor

OCDE/OECD 2/1781



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	John Deere	6081HRW02
<i>Type, Supercharging</i>	Direct injection	Yes
<i>Cylinders, Disposition</i>	6	vertical in line
<i>Capacity, Cooling</i>	8132 cm ³	Liquid
<i>Gear box</i>		Mechanical powershift
<i>Number of forward and reverse speeds</i>	16	4
<i>Speed at rated engine speed</i>	from 1.87	to 29.13 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>		1009 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>	150.4 kW	2000 min ⁻¹	916 min ⁻¹
<i>Hourly and specific consumption</i>		41.15 l/h	231 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	135.7 kW	2200 min ⁻¹	1007 min ⁻¹
<i>Hourly and specific consumption</i>		40.03 l/h	249 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	135.7 kW	2200 min ⁻¹	1007 min ⁻¹
<i>Hourly and specific consumption</i>		40.03 l/h	249 g/kWh

Torque rise

51.6 %

Maximum torque, Engine speed corresponding893.0 Nm 1000 min⁻¹**Drawbar Test***Track length and track width*

8230 mm 406 mm

Test with tractorunballasted ballasted*Total Mass*

11080 kg 11532 kg

Maximum drawbar pull

105.5 kN 109.4 kN

at speed of

2.65 km/h 2.65 km/h

Maximum power

128.3 kW 127.0 kW

at speed of

6.67 km/h 6.70 km/h

Hydraulic Performance and Power Lift Test*Hydraulic system*

Closed centre

At maximum hydraulic power

<i>Flow rate, Pressure, Power</i>	111.3 l/min	17.6 MPa	32.6 kW
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Maximum lifting force

<i>at hitch points, at frame</i>		56.7 kN	55.8 kN
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