



OECD approval number

2/1 767

Restricted Code

OECD approval date

24/07/1998

Make

John Deere

Model

9200

Type

Articulated 4 WD with dual wheels

PowrSync - 24 speeds

Manufacturer

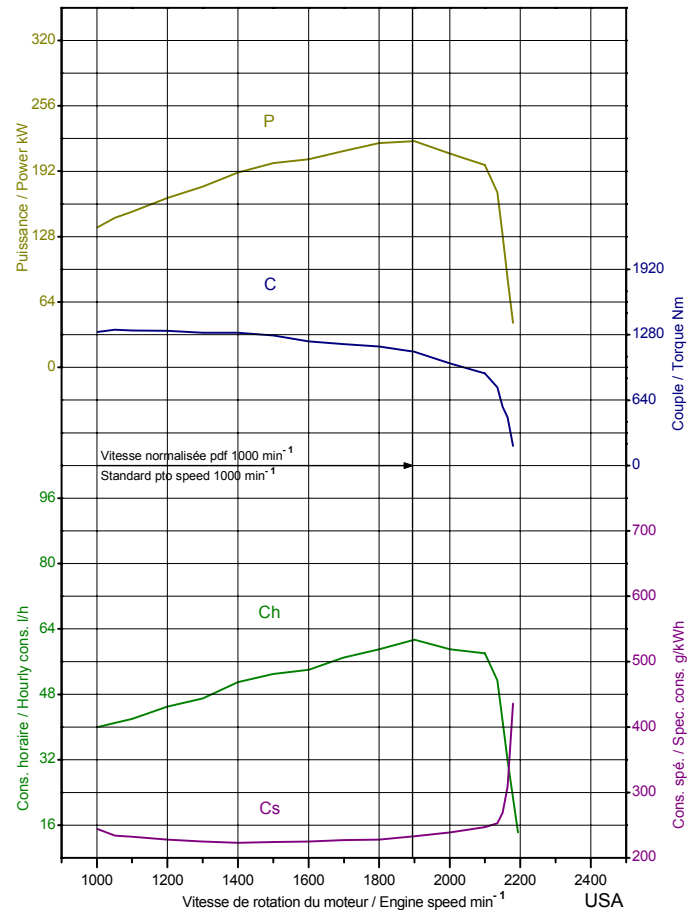
John Deere Tractor Works

Testing station:

Nebraska Tractor Test Laboratory, Lincoln, USA

John Deere 9200

4 RM articulé et 2 roues jumelées/Articulated 4 WD with dual wheels OCDE/OECD 2/1767



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	John Deere	6105HRW01
<i>Type, Supercharging</i>	Direct injection	Yes
<i>Cylinders, Disposition</i>	6	vertical in line
<i>Capacity, Cooling</i>	10489 cm ³	Liquid
<i>Gear box</i>		Mechanical
<i>Number of forward and reverse speeds</i>	24	6
<i>Speed at rated engine speed</i>	from 3.36	to 35.56 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>		1108 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>	221.4 kW	1900 min ⁻¹	1003 min ⁻¹
<i>Hourly and specific consumption</i>		61.38 l/h	233 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	198.1 kW	2100 min ⁻¹	1108 min ⁻¹
<i>Hourly and specific consumption</i>		58.04 l/h	247 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	221.4 kW	1900 min ⁻¹	1003 min ⁻¹
<i>Hourly and specific consumption</i>		61.38 l/h	233 g/kWh

Torque rise

<i>Maximum torque, Engine speed corresponding</i>		1330.0 Nm	1051 min ⁻¹
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Drawbar Test

<i>Front tyres, Rear tyres</i>	20.8 R 42	20.8 R 42
<u>Test with tractor</u>	<u>unballasted</u>	<u>ballasted</u>
<i>Total Mass</i>	15930 kg	
<i>Maximum drawbar pull</i>	151.5 kN	Not
<i>at speed of</i>	4.05 km/h	required
<i>Maximum power</i>	202.0 kW	in
<i>at speed of</i>	9.18 km/h	Code 2

Hydraulic Performance and Power Lift Test

<i>Hydraulic system</i>			Closed centre
<u>At maximum hydraulic power</u>			
<i>Flow rate, Pressure, Power</i>	154.1 l/min	17.2 MPa	44.3 kW
<u>Maximum lifting force</u>			
<i>at hitch points, at frame</i>		62.2 kN	58.3 kN