



OECD approval number

2/2 039

Restricted Code

OECD approval date

05/02/2003

Make

John Deere

Model

9320

Type

Articulated 4 WD with dual wheels

Powershift

Manufacturer

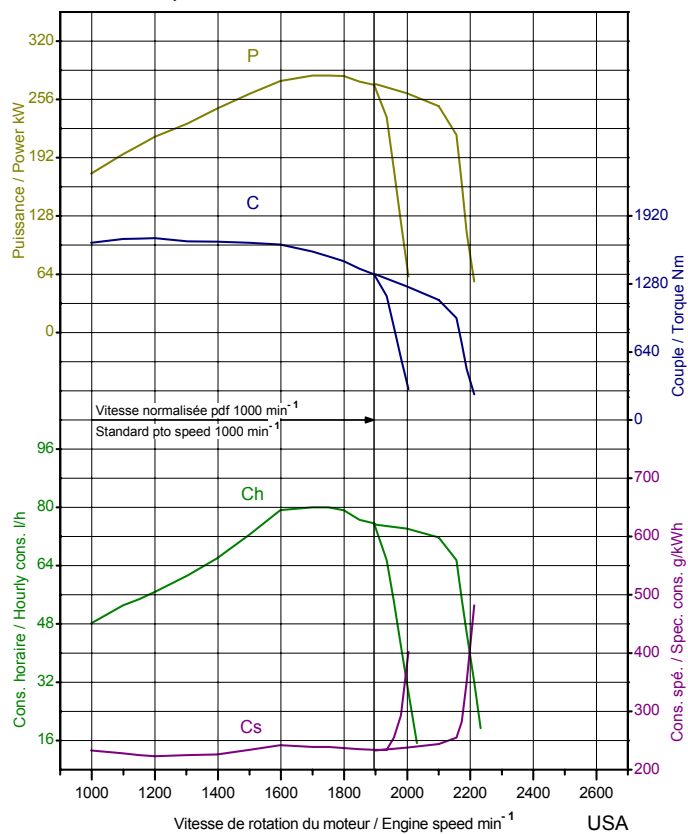
John Deere Tractor Works

Testing station:

Nebraska Tractor Test Laboratory, Lincoln, USA

John Deere 9320

4 RM articulé et 2 roues jumelées/Articulated 4 WD with dual wheels OCDE/OECD 2/2039



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	John Deere	6125HRW13
<i>Type, Supercharging</i>	Direct injection	Yes
<i>Cylinders, Disposition</i>	6	vertical in line
<i>Capacity, Cooling</i>	12536 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 3.92 to 39.00 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>	281.5 kW	1799 min ⁻¹	949 min ⁻¹
<i>Hourly and specific consumption</i>		79.16 l/h	237 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	248.6 kW	2100 min ⁻¹	1108 min ⁻¹
<i>Hourly and specific consumption</i>		71.81 l/h	244 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	272.1 kW	1895 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		75.61 l/h	234 g/kWh

Torque rise

51.3 %

Maximum torque, Engine speed corresponding1711.0 Nm 1200 min⁻¹**Drawbar Test***Front tyres, Rear tyres*

620/70 R 46 620/70 R 46

Test with tractorunballasted ballasted*Total Mass*

16588 kg

Maximum drawbar pull

170.8 kN

Not

at speed of

3.70 km/h

required

Maximum power

255.8 kW

in

at speed of

7.54 km/h

Code 2

Hydraulic Performance and Power Lift Test*Hydraulic system*

Closed centre

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

174.9 l/min

14.5 MPa

42.2 kW

Maximum lifting force*at hitch points, at frame*

62.2 kN

58.3 kN