



OECD approval number

2/2 264

Restricted Code

OECD approval date

03/08/2005

Make

John Deere

Model

9620

Type

Articulated 4 WD with triple wheels

40 km/h

Manufacturer

John Deere Tractor Works

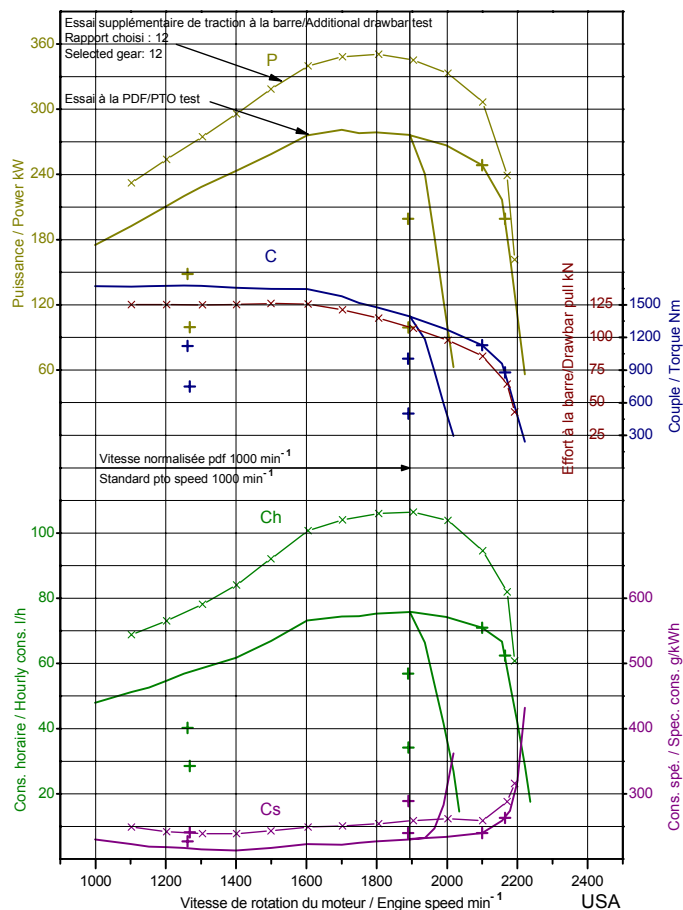
Testing station:

Nebraska Tractor Test Laboratory, Lincoln, USA

John Deere 9620

4 RM articulé et 3 roues jumelées/Articulated 4 WD with triple wheels

OCDE/OECD 2/2264



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	John Deere	6125HRW18
<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 3.72	to 36.95 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>		45 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>	280.9 kW	1700 min ⁻¹	898 min ⁻¹
<i>Hourly and specific consumption</i>		74.37 l/h	222 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	248.4 kW	2100 min ⁻¹	1109 min ⁻¹
<i>Hourly and specific consumption</i>		71.03 l/h	240 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	276.4 kW	1894 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		75.76 l/h	230 g/kWh

Torque rise

48.6 %

Maximum torque, Engine speed corresponding1679.0 Nm 1252 min⁻¹**Drawbar Test***Front tyres, Rear tyres*

480/80 R 46 480/80 R 46

Test with tractorunballasted ballasted*Total Mass*

17740 kg 22625 kg

Maximum drawbar pull

180.7 kN 227.7 kN

at speed of

4.34 km/h 3.47 km/h

Maximum power

350.7 kW 352.3 kW

at speed of

10.99 km/h 11.02 km/h

Hydraulic Performance and Power Lift Test*Hydraulic system*

Closed centre

At maximum hydraulic power*Flow rate, Pressure, Power (couplers: 1 pair)* 121.5 l/min 14.1 MPa 28.5 kW*Flow rate, Pressure, Power (couplers: 2 pairs or +)* 188.1 l/min 15.1 MPa 47.4 kWMaximum lifting force*at the hitch points, at frame (Cat. 3, Euro, 2xØ 90 mm cylinders)* 62.2 kN 58.3 kN*at the hitch points, at frame (Cat. 4, 1xØ 90 & 1xØ 100 mm cyl.)* 68.6 kN 64 kN