



OECD approval number

2/2 033

Restricted Code

OECD approval date

14/01/2003

Make

John Deere

Model

6920S

Type

4 WD

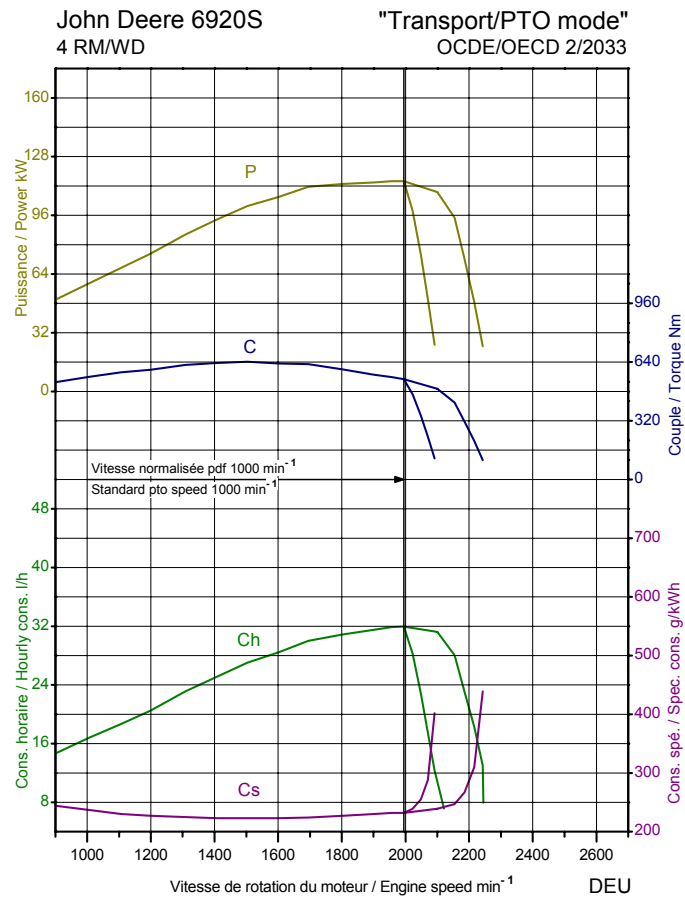
AutoQuad - 40 km/h

Manufacturer

Deere & Company

Testing station:

DLG, Gross-Umstadt, Germany



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	John Deere	6068HLA73 (DD20014)
<i>Type, Supercharging</i>	Direct injection	Yes
<i>Cylinders, Disposition</i>	6	vertical in line
<i>Capacity, Cooling</i>	6788 cm ³	Liquid
<i>Gear box</i>		Mechanical
<i>Number of forward and reverse speeds</i>	20	20
<i>Speed at rated engine speed</i>	from 2.52	to 40.08 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>	571 min ⁻¹	1050 min ⁻¹
<i>Diameter of the shaft</i>	35 mm	35 mm
<i>Number of splines</i>	6	21

Power take-off TestTwo hours test at maximum power

<i>Power, Engine and Power take-off speed</i>	114.5 kW	1957 min ⁻¹	981 min ⁻¹
<i>Hourly and specific consumption</i>		31.89 l/h	232 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	108.6 kW	2100 min ⁻¹	1053 min ⁻¹
<i>Hourly and specific consumption</i>		31.23 l/h	239 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	114.5 kW	1995 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		31.97 l/h	232 g/kWh

Torque rise

		30.0 %	
<u>Maximum torque, Engine speed corresponding</u>	642.0 Nm	1504 min ⁻¹	

Drawbar Test*Front tyres, Rear tyres*

540/65 R 28 650/65 R 38

Test with tractorunballasted ballasted*Total Mass*

6305 kg

Maximum drawbar pull

60.9 kN

*at speed of*5.15 km/h *required**Maximum power*

96.9 kW

*at speed of*12.54 km/h *Code 2***Hydraulic Performance and Power Lift Test***Hydraulic system*

Closed centre

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

65.2 l/min

18.1 MPa

19.7 kW

Maximum lifting force*at hitch points, at frame*

60.5 kN

43.2 kN

