



OECD approval number

2/2 027

Restricted Code

OECD approval date

22/11/2002

Make

John Deere

Model

6220

Type

4 WD

NA - PowrQuad Plus - 40 km/h

Manufacturer

Deere & Company

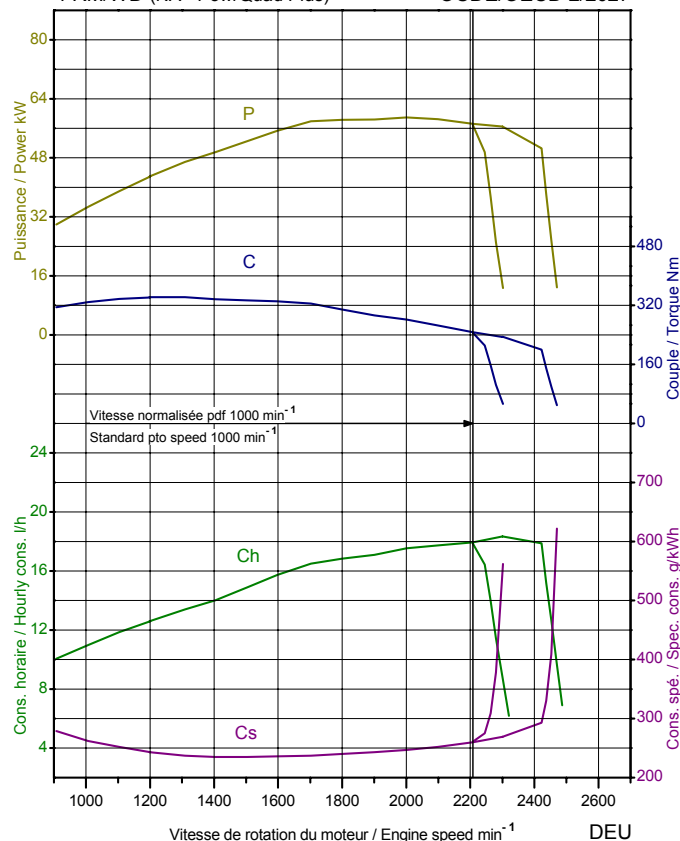
Testing station:

DLG, Gross-Umstadt, Germany

John Deere 6220

4 RM/WD (NA - PowrQuad Plus)

OCDE/OECD 2/2027



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	John Deere	4045TL071
<i>Type, Supercharging</i>	Direct injection	Yes
<i>Cylinders, Disposition</i>	4	vertical in line
<i>Capacity, Cooling</i>	4525 cm ³	Liquid
<i>Gear box</i>		Mechanical
<i>Number of forward and reverse speeds</i>	24	24
<i>Speed at rated engine speed</i>	from 1.43	to 36.17 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>	580 min ⁻¹	1042 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>	59.0 kW	2001 min ⁻¹	906 min ⁻¹
<i>Hourly and specific consumption</i>		17.54 l/h	247 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	56.5 kW	2300 min ⁻¹	1042 min ⁻¹
<i>Hourly and specific consumption</i>		18.35 l/h	269 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	56.9 kW	2208 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		17.86 l/h	261 g/kWh

Torque rise

45.5 %

Maximum torque, Engine speed corresponding342.0 Nm 1198 min⁻¹**Drawbar Test***Front tyres, Rear tyres*

12.4 - 24 16.9 - 30

Test with tractorunballasted ballasted*Total Mass*

4345 kg

Maximum drawbar pull

36.5 kN

Not

at speed of

4.23 km/h

required

Maximum power

46.4 kW

in

at speed of

9.47 km/h

Code 2

Power Lift and Hydraulic Performance Test*Hydraulic system*

Closed centre

Maximum lifting force at hitch points, at frame

21.8 kN

18.0 kN

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

104.6 l/min

18.0 MPa

31.4 kW

