



OECD approval number

2/1 842

Restricted Code

OECD approval date

06/09/1999

Make

John Deere

Model

6410

Type

4 WD

AutoQuad - M 6410 A

Manufacturer

Deere & Company

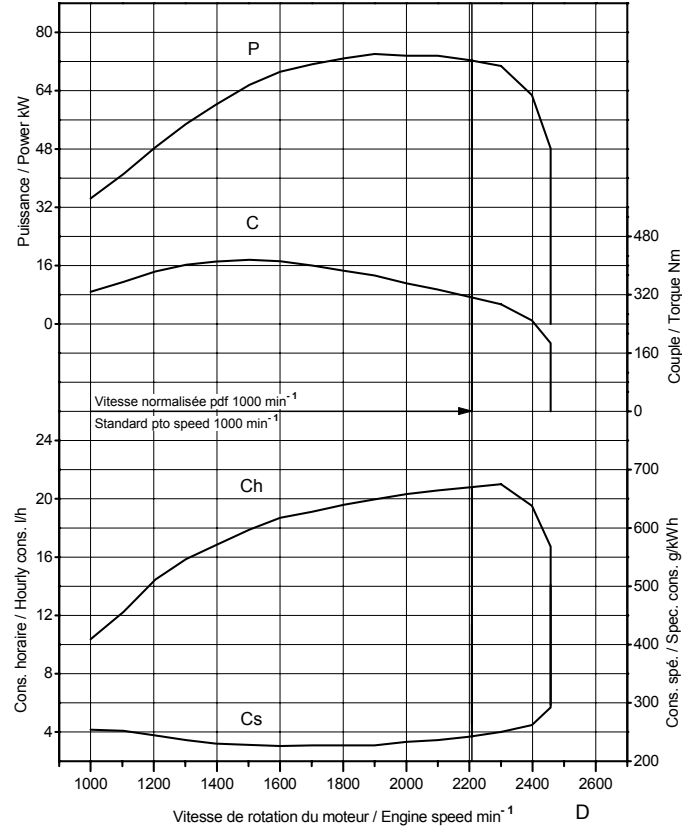
Testing station:

DLG, Groß-Umstadt, Germany

John Deere 6410 Autoquad

4 RM/WD

OCDE/OECD 2/1842



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	John Deere	4045TL053
<i>Type, Supercharging</i>	Direct injection	Yes
<i>Cylinders, Disposition</i>	4	in line
<i>Capacity, Cooling</i>	4525 cm ³	Liquid
<i>Gear box</i>		Mechanical powershift
<i>Number of forward and reverse speeds</i>	24	24
<i>Speed at rated engine speed</i>	from 1.44	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>	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>	74.1 kW	1900 min ⁻¹	861 min ⁻¹
<i>Hourly and specific consumption</i>		19.96 l/h	227 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	70.8 kW	2300 min ⁻¹	1042 min ⁻¹
<i>Hourly and specific consumption</i>		21.00 l/h	250 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	72.6 kW	2208 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		20.81 l/h	242 g/kWh

Torque rise

41.5 %

Maximum torque, Engine speed corresponding416.0 Nm 1503 min⁻¹**Drawbar Test***Front tyres, Rear tyres*

480/65 R 24 540/65 R 38

Test with tractorunballasted ballasted*Total Mass*

4930 kg

Maximum drawbar pull

50.6 kN

Not

at speed of

3.86 km/h

required

Maximum power

62.8 kW

in

at speed of

6.76 km/h

Code 2

Hydraulic Performance and Power Lift Test*Hydraulic system*

Closed centre

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

68.3 l/min

17.0 MPa

19.4 kW

Maximum lifting force*at hitch points, at frame*

34.2 kN

29.7 kN

