



OECD approval number

2/1 806

OECD approval date

Restricted Code

27/01/1999

Make

John Deere

Model

6410

Type

4 WD

Manufacturer

NA - PowrQuad
Deere & Company

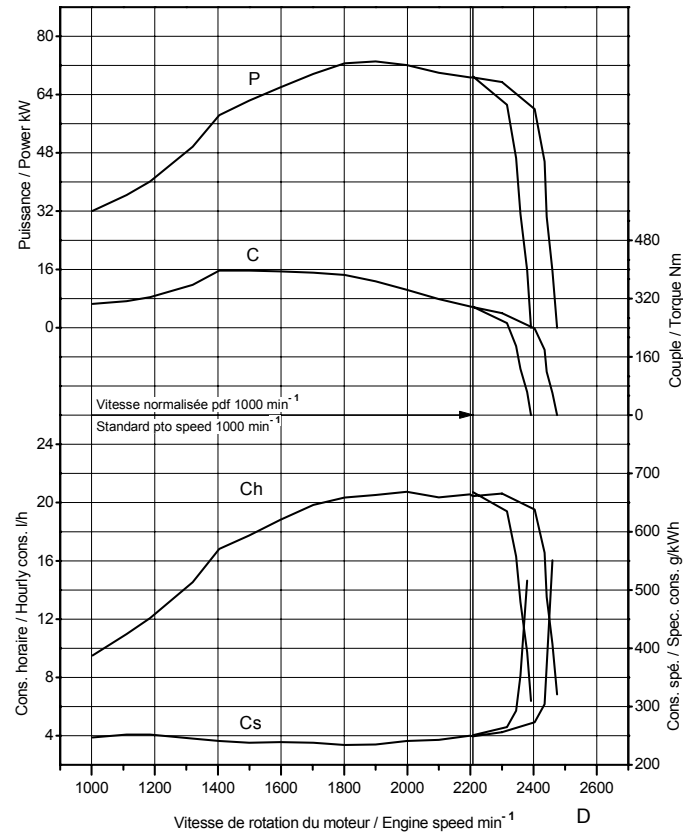
Testing station:

DLG, Groß-Umstadt, Germany

John Deere 6410 NA Powrquad

4 RM/WD

OCDE/OECD 2/1806



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	John Deere	4045TL056	
<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>		16	16
<i>Speed at rated engine speed</i>		from 2.46	to 30.59 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>	73.1 kW	1900 min ⁻¹	861 min ⁻¹
<i>Hourly and specific consumption</i>		20.52 l/h	235 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	67.4 kW	2300 min ⁻¹	1042 min ⁻¹
<i>Hourly and specific consumption</i>		20.62 l/h	256 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	69.0 kW	2208 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		20.73 l/h	251 g/kWh

Torque rise

<i>Maximum torque. Engine speed corresponding</i>		397.0 Nm	1404 min ⁻¹
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Drawbar Test

<i>Front tyres, Rear tyres</i>	14.9 - 24	18.4 - 38
<u>Test with tractor</u>	<u>unballasted</u>	<u>ballasted</u>
<i>Total Mass</i>	4390 kg	
<i>Maximum drawbar pull</i>	42.7 kN	Not
<i>at speed of</i>	4.30 km/h	required
<i>Maximum power</i>	59.4 kW	in
<i>at speed of</i>	8.85 km/h	Code 2

Hydraulic Performance and Power Lift Test

<i>Hydraulic system</i>		Closed centre	
<u>At maximum hydraulic power</u>			
<i>Flow rate, Pressure, Power</i>	90.3 l/min	15.5 MPa	23.3 kW
<u>Maximum lifting force</u>			
<i>at hitch points, at frame</i>		29.7 kN	25.7 kN

