



OECD approval number

2/1 821

OECD approval date

Restricted Code

19/04/1999

Make

John Deere

Model

6120

Type

4 WD

NA - PowrQuad - M 6210 A

Manufacturer

Deere & Company

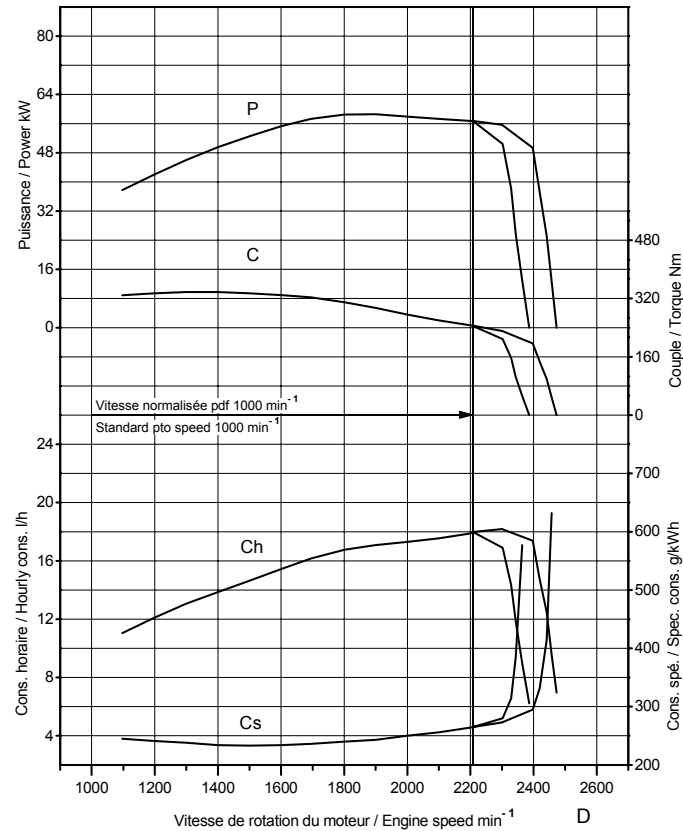
Testing station:

DLG, Groß-Umstadt, Germany

John Deere 6210 NA Powrquad

4 RM/WD

OCDE/OECD 2/1821



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	John Deere	4045TL054
<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 2.31	to 28.73 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>	58.6 kW	1900 min ⁻¹	861 min ⁻¹
<i>Hourly and specific consumption</i>		17.08 l/h	243 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	55.7 kW	2300 min ⁻¹	1042 min ⁻¹
<i>Hourly and specific consumption</i>		18.19 l/h	273 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	56.7 kW	2208 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		17.98 l/h	265 g/kWh

Torque rise

		46.3 %
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Maximum torque, Engine speed corresponding

	338.0 Nm	1399 min ⁻¹
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Drawbar Test*Front tyres, Rear tyres*

	13.6 - 24	18.4 R 34
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Test with tractor

	<u>unballasted</u>	<u>ballasted</u>
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Total Mass

	4360 kg	
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Maximum drawbar pull

	47.7 kN	Not
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at speed of

	3.20 km/h	required
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Maximum power

	46.7 kW	in
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at speed of

	5.27 km/h	Code 2
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Hydraulic Performance and Power Lift Test

<i>Hydraulic system</i>		Closed centre
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At maximum hydraulic power

<i>Flow rate, Pressure, Power</i>	106.4 l/min	14.0 MPa	24.8 kW
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Maximum lifting force

<i>at hitch points, at frame</i>		20.5 kN	17.8 kN
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