



OECD approval number

2/1 833

Restricted Code

15/07/1999

OECD approval date

Make

John Deere

Model

6110

Type

4 WD

NA - PowrQuad - M 6110 A

Manufacturer

Deere & Company

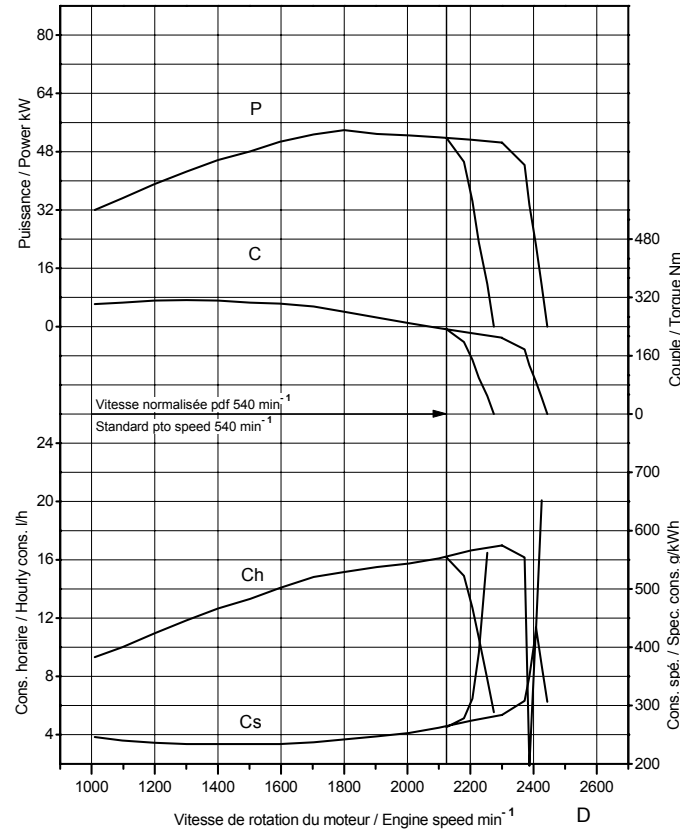
Testing station:

DLG, Groß-Umstadt, Germany

John Deere 6110 NA Powrquad

4 RM/WD

OCDE/OECD 2/1833



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>		585 min ⁻¹ None
<i>Diameter of the shaft</i>		35 mm
<i>Number of splines</i>		6

Power take-off TestTwo hours test at maximum power

<i>Power, Engine and Power take-off speed</i>	53.0 kW	1800 min ⁻¹	458 min ⁻¹
<i>Hourly and specific consumption</i>		15.17 l/h	242 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	50.5 kW	2300 min ⁻¹	585 min ⁻¹
<i>Hourly and specific consumption</i>		16.98 l/h	284 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	51.8 kW	2124 min ⁻¹	540 min ⁻¹
<i>Hourly and specific consumption</i>		16.16 l/h	263 g/kWh

Torque rise

<i>Maximum torque, Engine speed corresponding</i>		313.0 Nm	1301 min ⁻¹
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Drawbar Test*Front tyres, Rear tyres*

<u>Test with tractor</u>		14.9 - 24	18.4 R 34
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Total Mass

		<u>unballasted</u>	<u>ballasted</u>
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<i>Maximum drawbar pull</i>		4300 kg	
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<i>at speed of</i>		46.6 kN	Not
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<i>Maximum power</i>		2.93 km/h	required
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<i>at speed of</i>		46.1 kW	in
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		6.98 km/h	Code 2
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Hydraulic Performance and Power Lift Test

<i>Hydraulic system</i>			Closed centre
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<u>At maximum hydraulic power</u>			
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<i>Flow rate, Pressure, Power</i>	96.0 l/min	16.0 MPa	25.2 kW
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<u>Maximum lifting force</u>			
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<i>at hitch points, at frame</i>		21.0 kN	18.1 kN
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