



OECD approval number

2/2 038

OECD approval date

Restricted Code

22/01/2003

Make

John Deere

Model

6620

Type

4 WD

AutoQuad - 40 km/h

Manufacturer

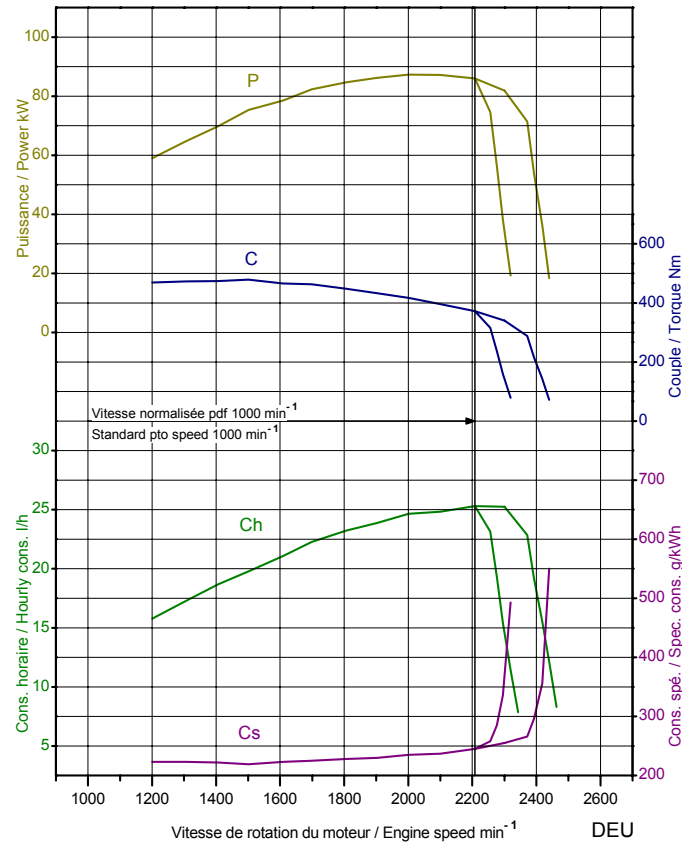
Deere & Company

Testing station:

DLG, Gross-Umstadt, Germany

John Deere 6620
4 RM/WD

OCDE/OECD 2/2038



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	John Deere	6068HLA70 (DD20011)
<i>Type, Supercharging</i>	Direct injection	Yes
<i>Cylinders, Disposition</i>	6	vertical in line
<i>Capacity, Cooling</i>	6788 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 1.59 to 40.15 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>	87.3 kW	2001 min ⁻¹	906 min ⁻¹
<i>Hourly and specific consumption</i>		24.64 l/h	235 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	81.9 kW	2300 min ⁻¹	1042 min ⁻¹
<i>Hourly and specific consumption</i>		25.24 l/h	255 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	86.0 kW	2208 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		25.29 l/h	245 g/kWh

Torque rise

<i>Maximum torque, Engine speed corresponding</i>		479.0 Nm	1501 min ⁻¹
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Drawbar Test*Front tyres, Rear tyres*

<u>Test with tractor</u>	540/65 R 28	650/65 R 38
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Total Mass

	<u>unballasted</u>	<u>ballasted</u>
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<i>Maximum drawbar pull</i>	5900 kg	
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<i>at speed of</i>	58.4 kN	Not
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<i>Maximum power</i>	4.17 km/h	required
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<i>at speed of</i>	73.9 kW	in
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	7.63 km/h	Code 2
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Hydraulic Performance and Power Lift Test*Hydraulic system*

<u>At maximum hydraulic power</u>			Closed centre
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<i>Flow rate, Pressure, Power</i>	52.3 l/min	19.5 MPa	17.0 kW
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<u>Maximum lifting force</u>			
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<i>at hitch points, at frame</i>		41.9 kN	36.5 kN
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