



OECD approval number

2/2 469

OECD approval date

07/04/2009

Make

John Deere

Model

6630

Type

4 WD

AutoQuad Plus EcoShift - Region 2 - 40 km/h

Manufacturer:

Deere & Company

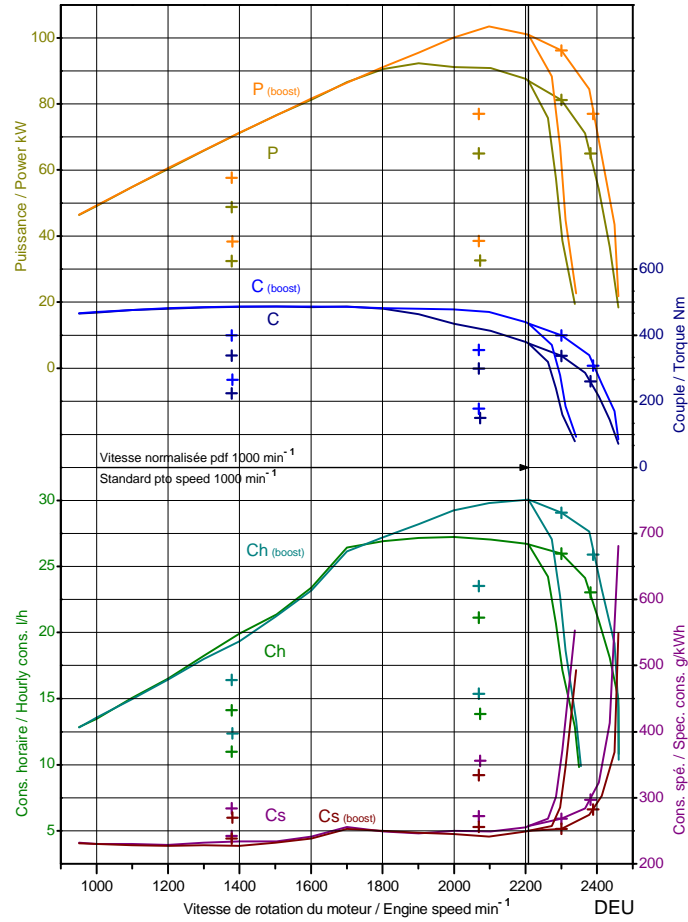
Testing station:

DLG, Gross-Umstadt, Germany

John Deere 6630

4 RM/WD

OCDE/OECD 2/2469



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	John Deere	6068HL480 (DD21334)	
<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 powershift	
<i>Number of forward and reverse speeds</i>		24	24
<i>Speed at rated engine speed</i>		from 2.03	to 42.00 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>	92.3 kW	1901 min ⁻¹	861 min ⁻¹
<i>Hourly and specific consumption</i>		27.16 l/h	246 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	81.2 kW	2300 min ⁻¹	1042 min ⁻¹
<i>Hourly and specific consumption</i>		25.98 l/h	268 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	87.0 kW	2208 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		26.68 l/h	257 g/kWh

Torque rise

<i>Maximum torque, Engine speed corresponding</i>		486.0 Nm	1503 min ⁻¹
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Drawbar Test*Front tyres, Rear tyres*

540/65 R 28 650/65 R 38

Test with tractorunballasted ballasted*Total Mass*

6080 kg

Maximum drawbar pull

62.9 kN

*Not**at speed of*

4.26 km/h

*required**Maximum power*

83.5 kW

at speed of

9.26 km/h

Hydraulic Performance and Power Lift Test*Hydraulic system*

Closed centre

At maximum hydraulic power*Flow rate, Pressure, Power (couplers: 1 pair)* 99.7 l/min 15.9 MPa 26.4 kW*Flow rate, Pressure, Power (couplers: 2 pairs or +)* 114.4 l/min 18.1 MPa 34.5 kWMaximum lifting force*at the hitch points, at frame* 41.5 kN 36.3 kN