



OECD approval number

2/2 128

Restricted Code

OECD approval date

14/05/2004

Make

John Deere

Model

6615

Type

4 WD

NA - Power Reverser - TIER 2 - 30 km/h

Manufacturer

Deere & Company

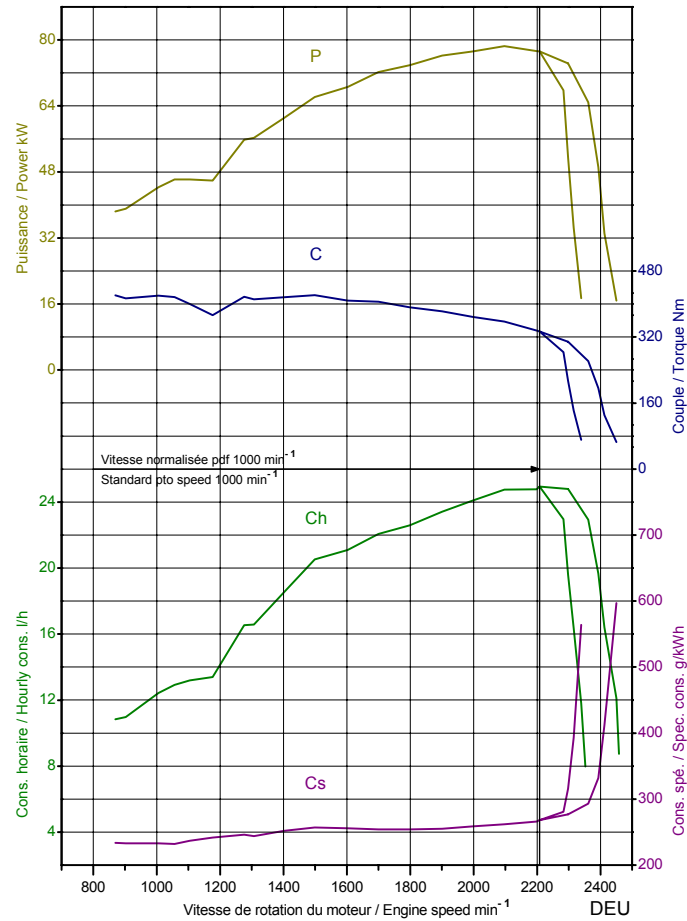
Testing station:

DLG, Gross-Umstadt, Germany

John Deere 6615

4 RM/WD

OCDE/OECD 2/2128



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	John Deere	6068HL271	
<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 synchronized	
<i>Number of forward and reverse speeds</i>		16	16
<i>Speed at rated engine speed</i>		from 1.96	to 30.60 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 Test

<u>Two hours test at maximum power</u>			
<i>Power, Engine and Power take-off speed</i>	78.5 kW	2097 min ⁻¹	950 min ⁻¹
<i>Hourly and specific consumption</i>		24.77 l/h	262 g/kWh
<u>Test at maximum power at rated engine speed</u>			
<i>Power, Engine and Power take-off speed</i>	74.3 kW	2298 min ⁻¹	1041 min ⁻¹
<i>Hourly and specific consumption</i>		24.80 l/h	277 g/kWh
<u>Test at standard Power take-off speed</u>			
<i>Power, Engine and Power take-off speed</i>	77.2 kW	2208 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		24.95 l/h	268 g/kWh
<u>Torque rise</u>			36.6 %
<u>Maximum torque. Engine speed corresponding</u>		422.0 Nm	1499 min ⁻¹

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>	4840 kg	
<i>Maximum drawbar pull</i>	43.9 kN	Not
<i>at speed of</i>	5.08 km/h	required
<i>Maximum power</i>	65.7 kW	in
<i>at speed of</i>	7.53 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>	62.9 l/min	18.0 MPa	18.9 kW
<u>Maximum lifting force</u>			
<i>at hitch points, at frame</i>		32.0 kN	28.8 kN

