



OECD approval number

2/2 238

Restricted Code

20/04/2005

OECD approval date

Make

John Deere

Model

6715

Type

4 WD

NA - Power Reverser - 30 km/h

Manufacturer

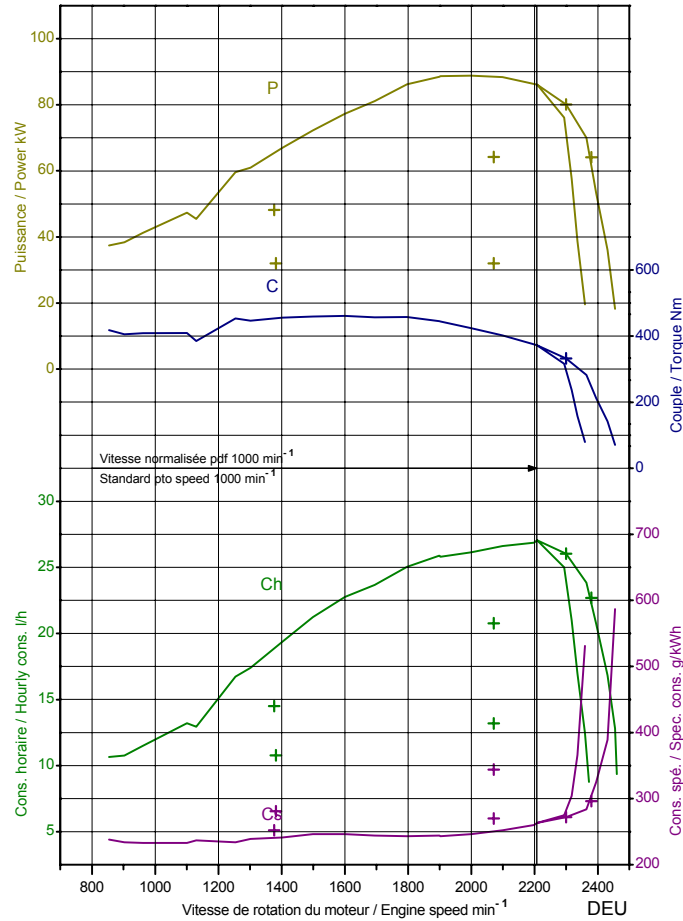
Deere & Company

Testing station:

DLG, Gross-Umstadt, Germany

John Deere 6715
4 RMWD

OCDE/OECD 2/2238



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	John Deere	6068HL273 (DD20810)	
<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 TestTwo hours test at maximum power

<i>Power, Engine and Power take-off speed</i>	88.8 kW	2000 min ⁻¹	906 min ⁻¹
<i>Hourly and specific consumption</i>		26.14 l/h	246 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	80.1 kW	2300 min ⁻¹	1042 min ⁻¹
<i>Hourly and specific consumption</i>		26.04 l/h	272 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	86.1 kW	2208 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		27.06 l/h	263 g/kWh

Torque rise

<u>Maximum torque. Engine speed corresponding</u>		461.0 Nm	1600 min ⁻¹
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Drawbar Test*Front tyres, Rear tyres*

13.6 R 28 18.4 R 38

Test with tractorunballasted ballasted*Total Mass*

4935 kg

Maximum drawbar pull

52.3 kN

at speed of

5.00 km/h

*Not required**Maximum power*

77.8 kW

*in**at speed of*

7.44 km/h

*Code 2***Hydraulic Performance and Power Lift Test***Hydraulic system*

Closed centre

At maximum hydraulic power*Flow rate, Pressure, Power*

62.5 l/min

16.0 MPa

16.7 kW

Maximum lifting force*at hitch points, at frame*

26.5 kN

24.2 kN

