



**OECD approval number**

**2/1824**

**OECD approval date**

**Restricted Code**

**29/04/1999**

**Make**

**John Deere**

**Model**

**6910**

**Type**

**4 WD**

**Autoquad - M 6910 A**

*Manufacturer*

**Deere & Company**

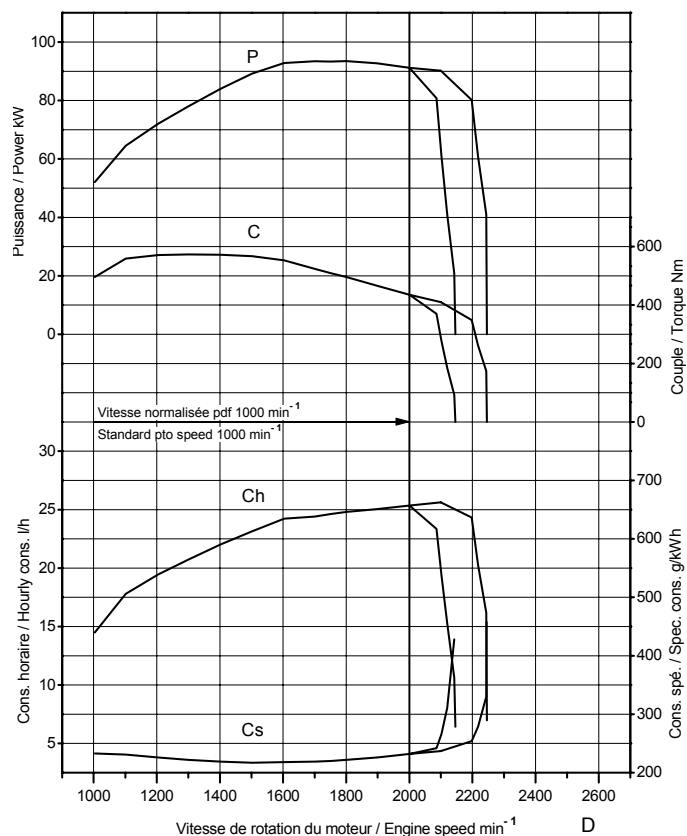
*Testing station:*

**DLG, Groß-Umstadt, Germany**

**John Deere 6910 Autoquad**

**4 RM/WD**

**OCDE/OECD 2/1824**



**Engine, Transmission, Power take-off Specifications**

<i>Make, Model</i>	John Deere	6068TL052	
<i>Type, Supercharging</i>	Direct injection	Yes	
<i>Cylinders, Disposition</i>	6	in line	
<i>Capacity, Cooling</i>	6788 cm <sup>3</sup>	Liquid	
<i>Gear box</i>		Mechanical powershift	
<i>Number of forward and reverse speeds</i>		20	20
<i>Speed at rated engine speed</i>		from 2.51	to 40.97 km/h
<u>Standard Power take-off speed</u>		<u>540 min<sup>-1</sup></u>	<u>1000 min<sup>-1</sup></u>
<i>Power take-off speed at rated engine speed</i>		568 min <sup>-1</sup>	1050 min <sup>-1</sup>
<i>Diameter of the shaft</i>		35 mm	35 mm
<i>Number of splines</i>		6	21

**Power take-off Test**Two hours test at maximum power

<i>Power, Engine and Power take-off speed</i>	93.4 kW	1700 min <sup>-1</sup>	850 min <sup>-1</sup>
<i>Hourly and specific consumption</i>		24.40 l/h	219 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	90.2 kW	2100 min <sup>-1</sup>	1050 min <sup>-1</sup>
<i>Hourly and specific consumption</i>		25.63 l/h	237 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	91.2 kW	2000 min <sup>-1</sup>	1000 min <sup>-1</sup>
<i>Hourly and specific consumption</i>		25.35 l/h	232 g/kWh

Torque rise

<i>Maximum torque. Engine speed corresponding</i>		573.0 Nm	1300 min <sup>-1</sup>
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**Drawbar Test**

<i>Front tyres, Rear tyres</i>	540/65 R 28	650/65 R 38
<u>Test with tractor</u>	<u>unballasted</u>	<u>ballasted</u>
<i>Total Mass</i>	6125 kg	
<i>Maximum drawbar pull</i>	65.3 kN	Not
<i>at speed of</i>	3.30 km/h	required
<i>Maximum power</i>	79.2 kW	in
<i>at speed of</i>	6.39 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>	63.9 l/min	17.5 MPa	18.6 kW
<u>Maximum lifting force</u>			
<i>at hitch points, at frame</i>		55.4 kN	40.5 kN

