



OECD approval number

2/1 883

Restricted Code

OECD approval date

04/02/2000

Make

John Deere

Model

6910

Type

4 WD

M - 6910 A-140 PS - AutoQuad

Manufacturer

Deere & Company

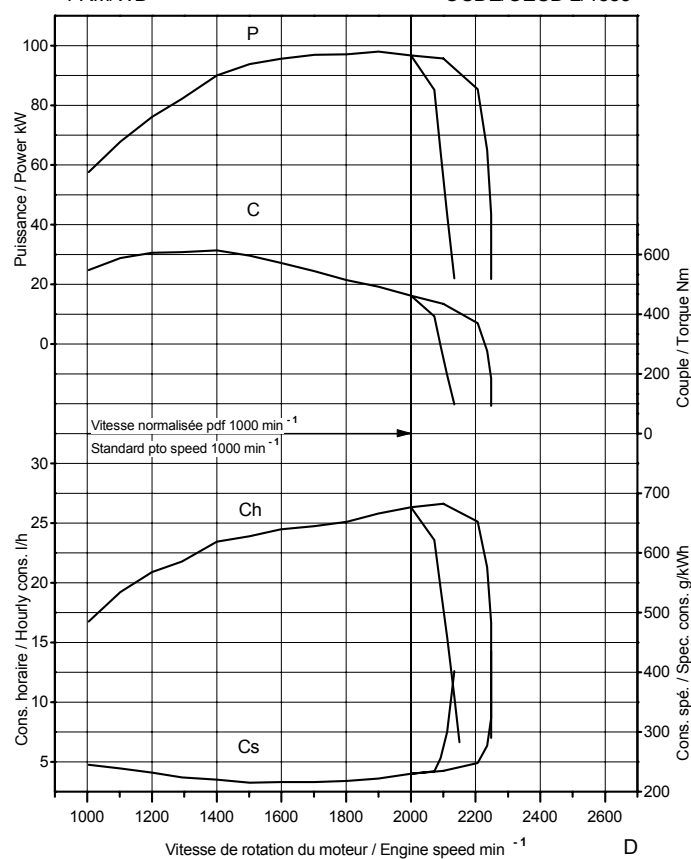
Testing station:

DLG, Gross-Umstadt, Germany

John Deere 6910

4 RM/WD

OCDE/OECD 2/1883



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	John Deere	6068TL054
<i>Type, Supercharging</i>	Direct injection	Yes
<i>Cylinders, Disposition</i>	6	in line
<i>Capacity, Cooling</i>	6788 cm ³	By water
<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⁻¹</u>	<u>1000 min⁻¹</u>
<i>Power take-off speed at rated engine speed</i>	568 min ⁻¹	1050 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>	98.0 kW	1900 min ⁻¹	950 min ⁻¹
<i>Hourly and specific consumption</i>		25.80 l/h	222 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	95.7 kW	2100 min ⁻¹	1050 min ⁻¹
<i>Hourly and specific consumption</i>		26.62 l/h	235 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	96.7 kW	2000 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		26.33 l/h	230 g/kWh

Torque rise

		41.1 %	
<u>Maximum torque, Engine speed corresponding</u>	614.0 Nm	1400 min ⁻¹	

Drawbar Test

<i>Front tyres, Rear tyres</i>	540/65 - 28	650/65 - 38
<u>Test with tractor</u>	<u>unballasted</u>	<u>ballasted</u>
<i>Total Mass</i>	6120 kg	
<i>Maximum drawbar pull</i>	66.8 kN	Not
<i>at speed of</i>	3.31 km/h	required
<i>Maximum power</i>	82.4 kW	in
<i>at speed of</i>	6.74 km/h	Code 2

Power Lift and Hydraulic Performance Test

<i>Hydraulic system</i>		Closed centre
<i>Maximum lifting force at hitch points, at frame</i>	55.4 kN	40.5 kN
<u>At maximum hydraulic power</u>		
<i>Flow rate, Pressure, Power</i>	63.9 l/min	17.5 MPa 18.6 kW

