



OECD approval number

2/2 048

Restricted Code

OECD approval date

20/02/2003

Make

John Deere

Model

9120

Type

Articulated 4 WD with dual wheels

Powershift

Manufacturer

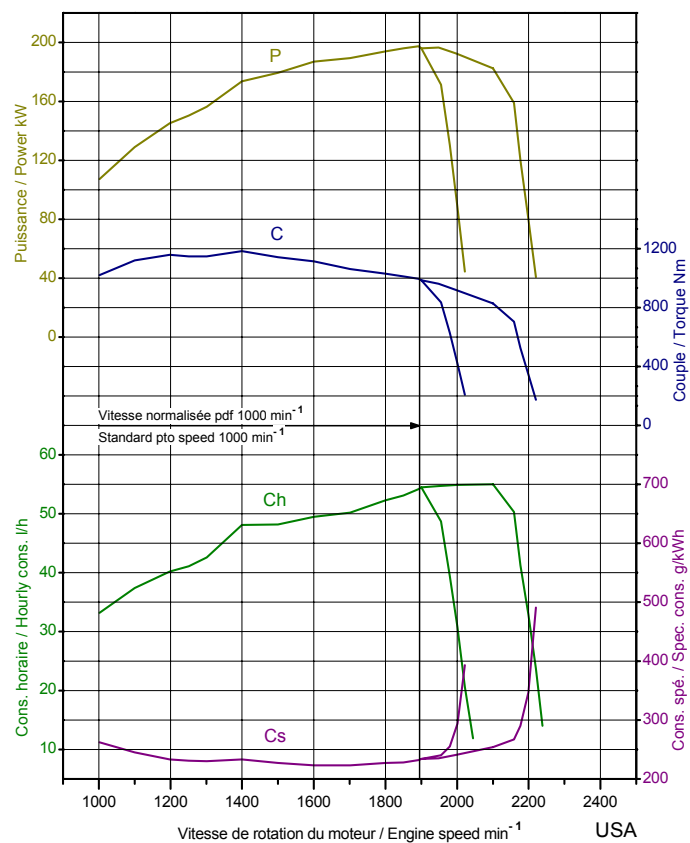
John Deere Tractor Works

Testing station:

Nebraska Tractor Test Laboratory, Lincoln, USA

John Deere 9120

4 RM articulé et 2 roues jumelées/Articulated 4 WD with dual wheels OCDE/OECD 2/2048



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	John Deere	6081HRW30
<i>Type, Supercharging</i>	Direct injection	Yes
<i>Cylinders, Disposition</i>	6	vertical in line
<i>Capacity, Cooling</i>	8134 cm ³	Liquid
<i>Gear box</i>		Mechanical powershift
<i>Number of forward and reverse speeds</i>	18	6
<i>Speed at rated engine speed</i>	from 3.92	to 39.00 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>		1108 min ⁻¹
<i>Diameter of the shaft</i>		44.5 mm
<i>Number of splines</i>		20

Power take-off TestTwo hours test at maximum power

<i>Power, Engine and Power take-off speed</i>	196.1 kW	1900 min ⁻¹	1003 min ⁻¹
<i>Hourly and specific consumption</i>		54.58 l/h	234 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	182.4 kW	2100 min ⁻¹	1109 min ⁻¹
<i>Hourly and specific consumption</i>		55.09 l/h	254 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	196.1 kW	1900 min ⁻¹	1003 min ⁻¹
<i>Hourly and specific consumption</i>		54.58 l/h	234 g/kWh

Torque rise

		42.9 %
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Maximum torque, Engine speed corresponding

1185.0 Nm	1400 min ⁻¹
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Drawbar Test*Front tyres, Rear tyres*

620/70 R 46	620/70 R 46
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Test with tractor

<u>unballasted</u>	<u>ballasted</u>
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Total Mass

16050 kg

Maximum drawbar pull

156.6 kN

at speed of

3.61 km/h

*Not required**Maximum power*

177.0 kW

*in**at speed of*

7.29 km/h

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

Closed centre

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

167.7 l/min

14.8 MPa

41.5 kW

Maximum lifting force*at hitch points, at frame*

62.2 kN

58.3 kN