



OECD approval number

2/2 040

Restricted Code

OECD approval date

05/02/2003

Make

John Deere

Model

9520

Type

Articulated 4 WD with triple wheels

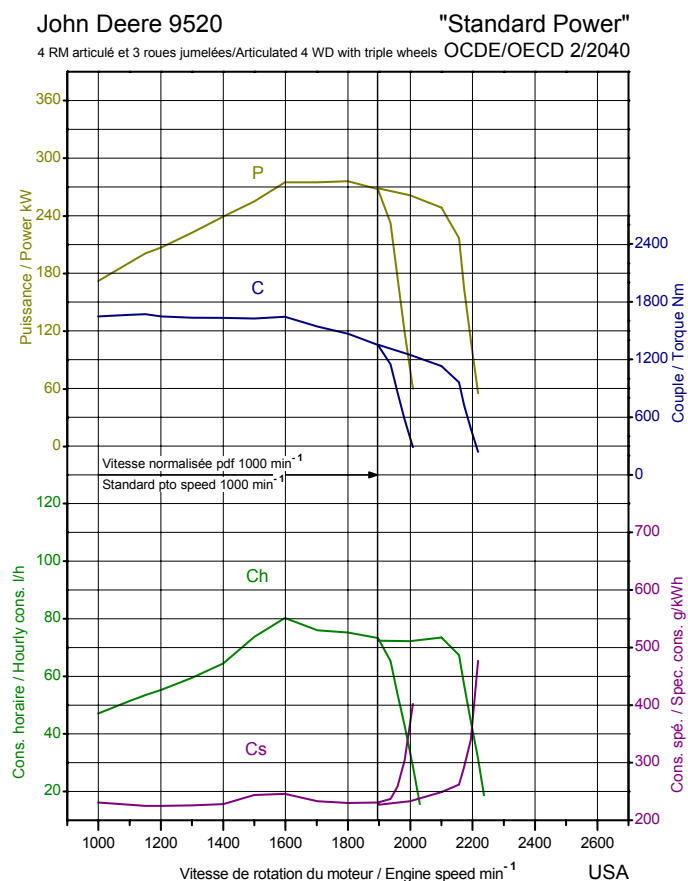
Powershift

Manufacturer

John Deere Tractor Works

Testing station:

Nebraska Tractor Test Laboratory, Lincoln, USA



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	John Deere	6125HRW15
<i>Type, Supercharging</i>	Direct injection	Yes
<i>Cylinders, Disposition</i>	6	vertical in line
<i>Capacity, Cooling</i>	12536 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 3.72 to 36.96 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>	276.3 kW	1800 min ⁻¹	950 min ⁻¹
<i>Hourly and specific consumption</i>		75.20 l/h	230 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	248.5 kW	2100 min ⁻¹	1108 min ⁻¹
<i>Hourly and specific consumption</i>		73.46 l/h	249 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	267.8 kW	1896 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		73.31 l/h	231 g/kWh

Torque rise

		47.8 %	
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Maximum torque, Engine speed corresponding

1670.0 Nm	1150 min ⁻¹
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Drawbar Test*Front tyres, Rear tyres*

480/80 R 46	480/80 R 46
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Test with tractor

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

17383 kg	20228 kg
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Maximum drawbar pull

179.6 kN	205.5 kN
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at speed of

3.52 km/h	3.50 km/h
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Maximum power

307.2 kW	308.8 kW
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at speed of

10.87 km/h	10.88 km/h
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Hydraulic Performance and Power Lift Test*Hydraulic system*

Closed centre

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

176.0 l/min	14.8 MPa	43.5 kW
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Maximum lifting force*at hitch points, at frame*

62.2 kN	58.3 kN
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