



OECD approval number

2/2 041

Restricted Code

OECD approval date

05/02/2003

Make

John Deere

Model

9320T

Type

Rubber tracklaying tractor

Powershift

Manufacturer

John Deere Tractor Works

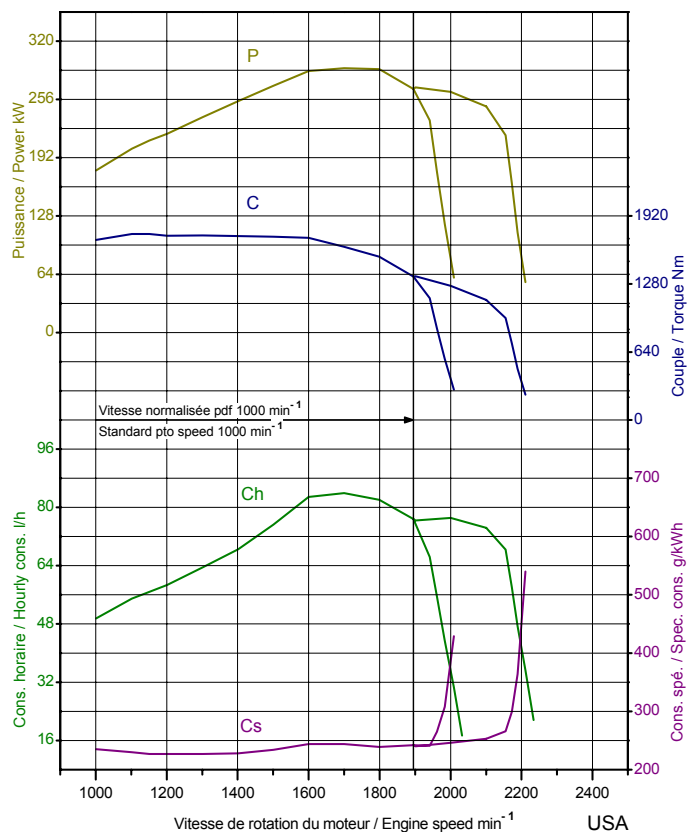
Testing station:

Nebraska Tractor Test Laboratory, Lincoln, USA

John Deere 9320T

Tracteur à chenilles caoutchouc/Rubber tracklaying tractor

OCDE/OECD 2/2041



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	John Deere	6125HRW13
<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 3.42 to 34.01 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>	290.2 kW	1700 min ⁻¹	897 min ⁻¹
<i>Hourly and specific consumption</i>		83.85 l/h	244 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	248.4 kW	2100 min ⁻¹	1108 min ⁻¹
<i>Hourly and specific consumption</i>		74.43 l/h	253 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	267.7 kW	1895 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		76.84 l/h	242 g/kWh

Torque rise

		54.9 %
--	--	--------

Maximum torque, Engine speed corresponding

1750.0 Nm	1102 min ⁻¹
-----------	------------------------

Drawbar Test*Track length and track width*

9601 mm	760 mm
---------	--------

Test with tractor

<u>unballasted</u>	<u>ballasted</u>
--------------------	------------------

Total Mass

19436 kg	20817 kg
----------	----------

Maximum drawbar pull

184.5 kN	202.7 kN
----------	----------

at speed of

3.11 km/h	3.05 km/h
-----------	-----------

Maximum power

259.2 kW	262.8 kW
----------	----------

at speed of

8.63 km/h	6.92 km/h
-----------	-----------

Hydraulic Performance and Power Lift Test*Hydraulic system*

Closed centre

At maximum hydraulic power

<i>Flow rate, Pressure, Power</i>	194.6 l/min	15.2 MPa	49.3 kW
-----------------------------------	-------------	----------	---------

Maximum lifting force

<i>at hitch points, at frame</i>		62.5 kN	60.5 kN
----------------------------------	--	---------	---------