



OECD approval number

2/1 967

Restricted Code

OECD approval date

19/09/2001

Make

John Deere

Model

9400T

Type

Rubber tracklaying tractor

PowrSync

Manufacturer

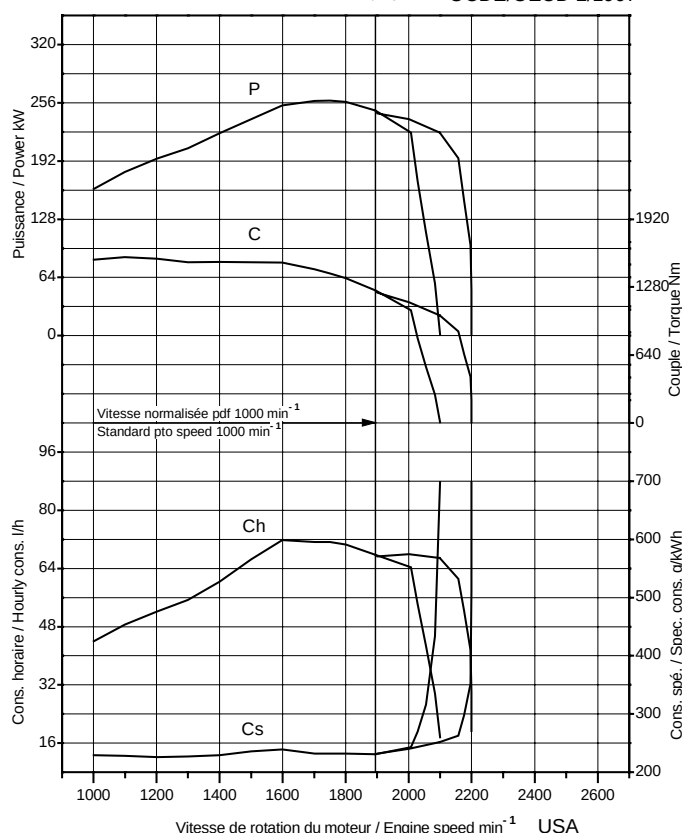
John Deere Tractor Works

Testing station:

Nebraska Tractor Test Laboratory, Lincoln, USA

John Deere 9400T

Tracteur à chenilles caoutchouc/Rubber tracklaying tractor OCDE/OECD 2/1967



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	John Deere	6125HRW08
<i>Type, Supercharging</i>	Driven Transfert Pump	Yes
<i>Cylinders, Disposition</i>	6	vertical in line
<i>Capacity, Cooling</i>	12535 cm ³	Liquid
<i>Gear box</i>		Mechanical synchronized
<i>Number of forward and reverse speeds</i>	24	6
<i>Speed at rated engine speed</i>	from 3.10	to 32.82 km/h
<u><i>Standard Power take-off speed</i></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>	258.4 kW	1750 min ⁻¹	923 min ⁻¹
<i>Hourly and specific consumption</i>		71.34 l/h	232 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	223.5 kW	2100 min ⁻¹	1108 min ⁻¹
<i>Hourly and specific consumption</i>		66.85 l/h	252 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	247.5 kW	1895 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		67.79 l/h	231 g/kWh

Torque rise

			53.9 %
<u><i>Maximum torque, Engine speed corresponding</i></u>		1564.0 Nm	1099 min ⁻¹

Drawbar Test*Track length and track width*

	9601 mm	915 mm
<u><i>Test with tractor</i></u>	<u>unballasted</u>	<u>ballasted</u>

Tested as option

<i>Total Mass</i>	19257 kg	22314 kg
<i>Maximum drawbar pull</i>	188.7 kN	220.1 kN
<i>at speed of</i>	3.48 km/h	2.79 km/h
<i>Maximum power</i>	273.2 kW	273.2 kW
<i>at speed of</i>	7.86 km/h	7.88 km/h

Power Lift and Hydraulic Performance Test*Hydraulic system*

		Closed centre
<i>Maximum lifting force at hitch points, at frame</i>	62.5 kN	60.5 kN

At maximum hydraulic power

<i>Flow rate, Pressure, Power</i>	164.7 l/min	16.8 MPa	46.2 kW
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