



OECD approval number

2/1 966

Restricted Code

19/09/2001

OECD approval date

Make

John Deere

Model

9300T

Type

Rubber tracklaying tractor

PowrSync

Manufacturer

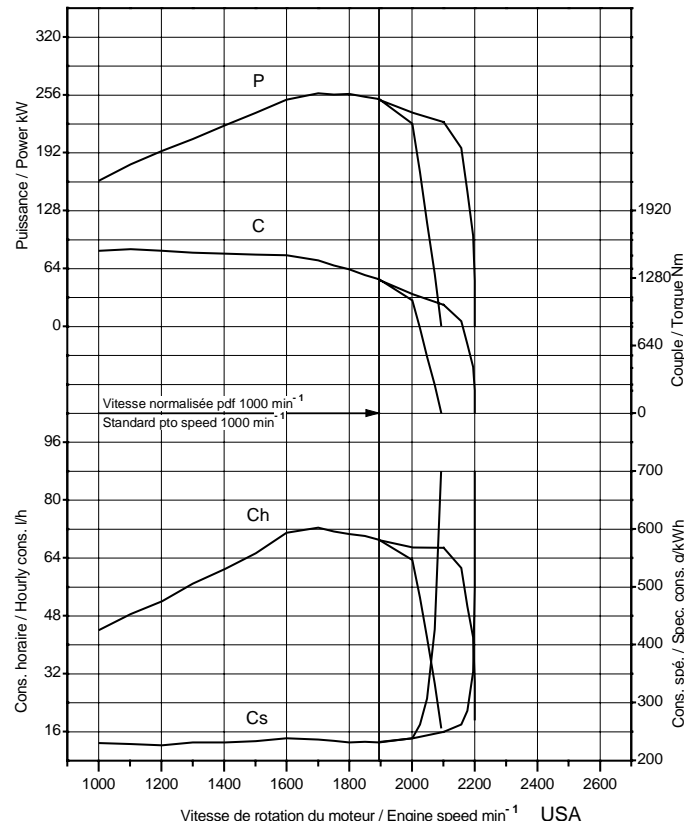
John Deere Tractor Works

Testing station:

Nebraska Tractor Test Laboratory, Lincoln, USA

John Deere 9300T

Tracteur à chenilles caoutchouc/Rubber tracklaying tractor OCDE/OECD 2/1966



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	John Deere	6125HRW06
<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>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>	257.6 kW	1700 min ⁻¹	897 min ⁻¹
<i>Hourly and specific consumption</i>		72.27 l/h	236 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	225.8 kW	2101 min ⁻¹	1109 min ⁻¹
<i>Hourly and specific consumption</i>		66.70 l/h	249 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	251.3 kW	1895 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		68.99 l/h	231 g/kWh

Torque rise

<i>Maximum torque, Engine speed corresponding</i>	1553.0 Nm		1102 min ⁻¹
---	-----------	--	------------------------

Drawbar Test

<i>Track length and track width</i>	9601 mm	762 mm
<u>Test with tractor</u>	<u>unballasted</u>	<u>ballasted</u>

Tested as option

<i>Total Mass</i>	19017 kg	20175 kg
<i>Maximum drawbar pull</i>	178.5 kN	199.9 kN
<i>at speed of</i>	3.54 km/h	3.20 km/h
<i>Maximum power</i>	226.8 kW	227.4 kW
<i>at speed of</i>	7.51 km/h	6.83 km/h

Power Lift and Hydraulic Performance Test

<i>Hydraulic system</i>		Closed centre	
<i>Maximum lifting force at hitch points, at frame</i>	62.5 kN	60.5 kN	
<u>At maximum hydraulic power</u>			
<i>Flow rate, Pressure, Power</i>	163.2 l/min	17.0 MPa	46.1 kW