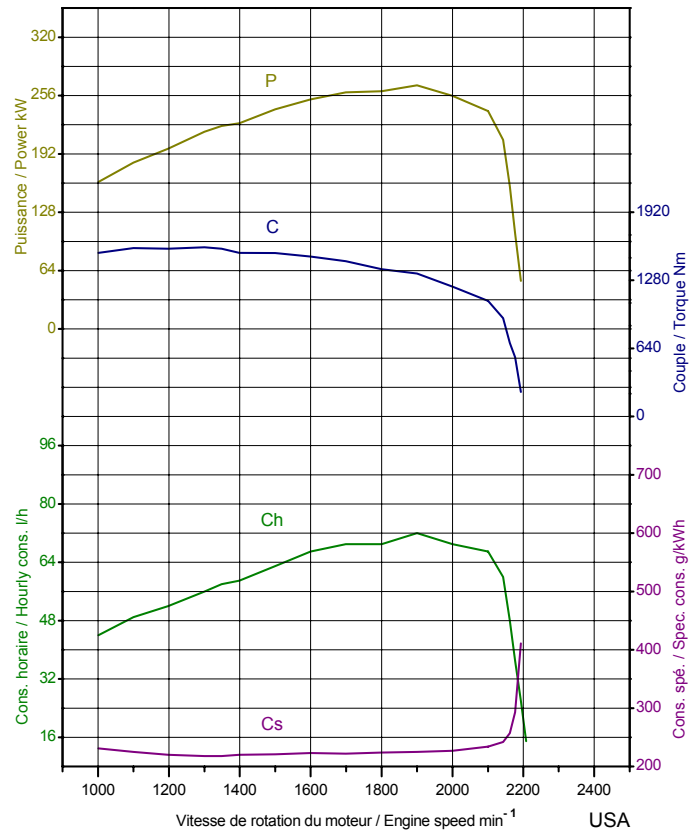


OECD approval number 2/1 768
Restricted Code
OECD approval date 24/08/1998
Make John Deere
Model 9300
Type Articulated 4 WD with dual wheels
PowrSync
Manufacturer John Deere Tractor Works
Testing station:
Nebraska Tractor Test Laboratory, Lincoln, USA

John Deere 9300

4 RM articulé et 2 roues jumelées/Articulated 4 WD with dual wheels OCDE/OECD 2/1768



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	John Deere	6125HRW01
<i>Type, Supercharging</i>	Direct injection	Yes
<i>Cylinders, Disposition</i>	6	vertical in line
<i>Capacity, Cooling</i>	12535 cm ³	Liquid
<i>Gear box</i>		Mechanical
<i>Number of forward and reverse speeds</i>	24	6
<i>Speed at rated engine speed</i>	from 3.36	to 35.56 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>	267.2 kW	1900 min ⁻¹	1003 min ⁻¹
<i>Hourly and specific consumption</i>		71.58 l/h	225 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	239.0 kW	2100 min ⁻¹	1109 min ⁻¹
<i>Hourly and specific consumption</i>		66.53 l/h	234 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	267.2 kW	1900 min ⁻¹	1003 min ⁻¹
<i>Hourly and specific consumption</i>		71.58 l/h	225 g/kWh

Torque rise

		46.3 %
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Maximum torque, Engine speed corresponding

1590.0 Nm	1300 min ⁻¹
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Drawbar Test*Front tyres, Rear tyres*

620/70 R 42	620/70 R 42
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Test with tractor

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

16844 kg

Maximum drawbar pull

164.8 kN

at speed of

4.01 km/h

*Not required**Maximum power*

236.7 kW

*in**at speed of*

8.98 km/h

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

Closed centre

At maximum hydraulic power

<i>Flow rate, Pressure, Power</i>	149.9 l/min	16.9 MPa	42.2 kW
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Maximum lifting force

<i>at hitch points, at frame</i>	62.2 kN	58.3 kN
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