



OECD approval number
OECD approval date
Make
Model
Type

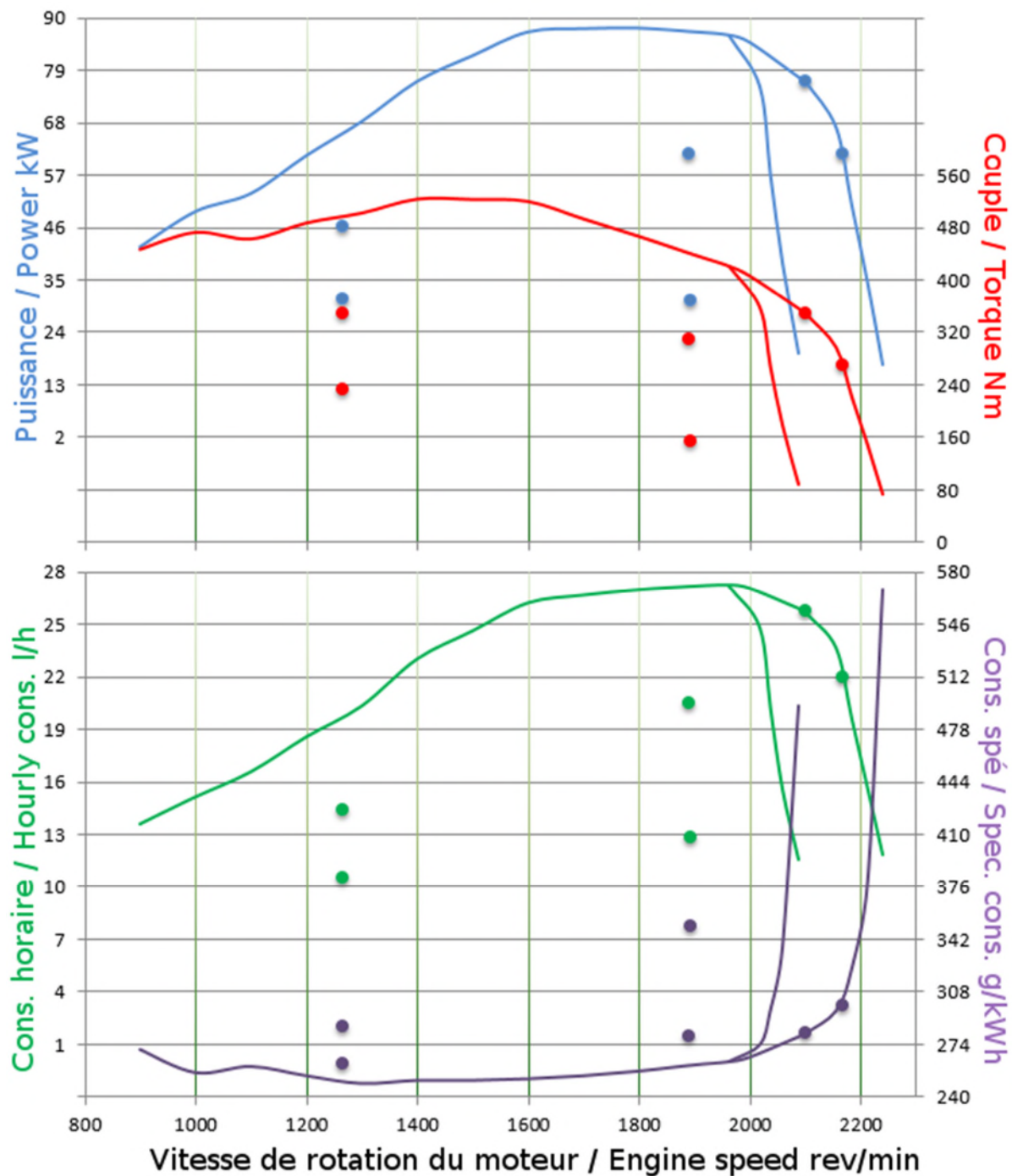
Manufacturer:
Testing station:

2/2 804
04/02/2014
JOHN DEERE
6125R
4WD

AUTOQUAD Plus - 40 km/h
John Deere GmbH & Co. KG
DLG – Germany

JOHN DEERE 6125R
4WD

OCDE/OECD 2/2 804



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	John Deere Power Systems	4045HL497A
<i>Type, Supercharging</i>	Direct injection	Yes
<i>Cylinders, Disposition</i>	4	vertical in line
<i>Capacity, Cooling</i>	4525 cm ³	Liquid
<i>Gear box</i>		Mechanical
<i>Number of forward and reverse speeds</i>	24	24
<i>Speed at rated engine speed</i>	from 1,84	to 42,00 km/h
<u>Standard Power take-off speed</u>	540 min ⁻¹	1000 min ⁻¹
<i>Power take-off speed at rated engine speed</i>		1071 min ⁻¹
<i>Diameter of the shaft</i>	Not	35 mm
<i>Number of splines</i>	Applicable	21

Power take-off TestOne hour test at maximum power

<i>Power, Engine and Power take-off speed</i>	87,9 kW	1800 min ⁻¹	918 min ⁻¹
<i>Hourly and specific consumption</i>		27,0 l/h	257 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	76,7 kW	2100 min ⁻¹	1071 min ⁻¹
<i>Hourly and specific consumption</i>		25,7 l/h	281 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	86,4 kW	1961 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		27,2 l/h	263 g/kWh

Torque rise

50,1 %

Maximum torque, Engine speed corresponding523,6 Nm 1400 min⁻¹**Drawbar Test***Front tyres, Rear tyres*

380/85 R24 460/85 R38

Test with tractorunballasted ballasted*Total Mass*

5910 kg

Maximum drawbar pull

58,5 kN

at speed of

3,85 km/h

Maximum power

80,3 kW

at speed of

16,87 km/h

Not
Applicable**Hydraulic Performance and Power Lift Test***Hydraulic system*

Closed centre

At maximum hydraulic power

<i>Flow rate, Pressure, Power (couplers: 1 pair)</i>	117,0 l/min	15,1 MPa	29,4 kW
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<i>Flow rate, Pressure, Power (couplers: 2 pairs or +)</i>	115,2 l/min	18,3 MPa	35,1 kW
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Maximum lifting force

<i>at the hitch points, at frame</i>		33,1 kN	29,9 kN
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