



OECD approval number

2/2 059

Restricted Code

OECD approval date

17/04/2003

Make

John Deere

Model

6603

Type

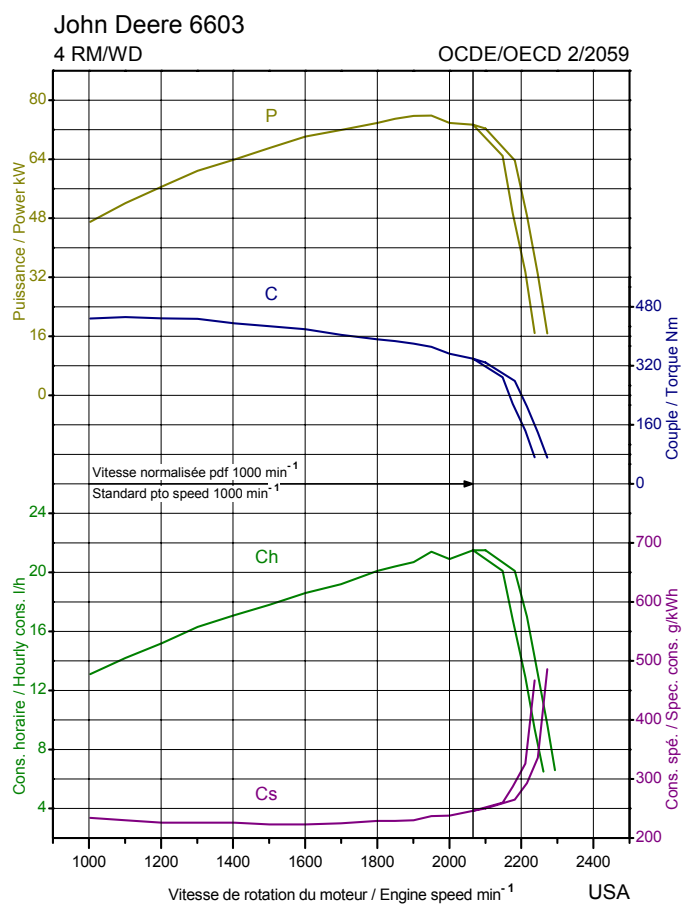
4 WD

Manufacturer

Industrius John Deere

Testing station:

Nebraska Tractor Test Laboratory, Lincoln, USA



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	John Deere	6068TP054
<i>Type, Supercharging</i>	Direct injection	Yes
<i>Cylinders, Disposition</i>	6	vertical in line
<i>Capacity, Cooling</i>	6788 cm ³	Liquid
<i>Gear box</i>		Mechanical
<i>Number of forward and reverse speeds</i>	9	3
<i>Speed at rated engine speed</i>	from 3.07	to 30.74 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>	544 min ⁻¹	1016 min ⁻¹
<i>Diameter of the shaft</i>	35 mm	35 mm
<i>Number of splines</i>	6	21

Power take-off TestTwo hours test at maximum power

<i>Power, Engine and Power take-off speed</i>	75.9 kW	1950 min ⁻¹	944 min ⁻¹
<i>Hourly and specific consumption</i>		21.38 l/h	237 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	72.4 kW	2100 min ⁻¹	1016 min ⁻¹
<i>Hourly and specific consumption</i>		21.47 l/h	250 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	73.4 kW	2066 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		21.47 l/h	246 g/kWh

Torque rise

		37.4 %
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Maximum torque, Engine speed corresponding

452.0 Nm	1101 min ⁻¹
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Drawbar Test*Front tyres, Rear tyres*

14.9 - 24	18.4 - 38
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Test with tractor

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

4270 kg	5416 kg
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Maximum drawbar pull

37.1 kN	45.3 kN
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at speed of

5.64 km/h	4.54 km/h
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Maximum power

63.6 kW	63.3 kW
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at speed of

9.68 km/h	7.77 km/h
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Hydraulic Performance and Power Lift Test*Hydraulic system*

Opened centre

At maximum hydraulic power

<i>Flow rate, Pressure, Power</i>	56.8 l/min	18.0 MPa	17.0 kW
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Maximum lifting force

<i>at hitch points, at frame</i>	31.2 kN	21.7 kN
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