



OECD approval number

1/1 804

OECD approval date

Full Code
21/01/1999

Make

Kubota

Model

M8200DT

Type

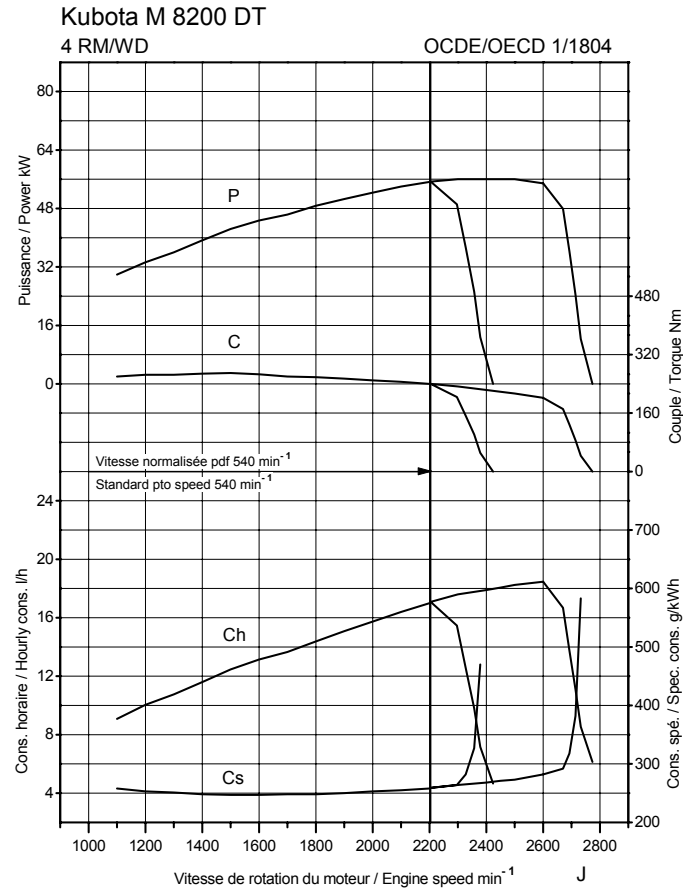
4 WD

Manufacturer

Kubota Co.

Testing station:

IAM - BRAIN, Omiya, Japan



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	Kubota	V3300-TE
<i>Type, Supercharging</i>	Indirect injection	Yes
<i>Cylinders, Disposition</i>	4	vertical in line
<i>Capacity, Cooling</i>	3318 cm ³	Liquid
<i>Gear box</i>		Mechanical
<i>Number of forward and reverse speeds</i>		8
<i>Speed at rated engine speed</i>	from 2.41	to 31.82 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>	637 min ⁻¹	None
<i>Diameter of the shaft</i>	35 mm	
<i>Number of splines</i>	6	

Power take-off TestTwo hours test at maximum power

<i>Power, Engine and Power take-off speed</i>	56.0 kW	2450 min ⁻¹	600 min ⁻¹
<i>Hourly and specific consumption</i>		18.06 l/h	271 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	54.9 kW	2600 min ⁻¹	637 min ⁻¹
<i>Hourly and specific consumption</i>		18.46 l/h	282 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	55.4 kW	2205 min ⁻¹	540 min ⁻¹
<i>Hourly and specific consumption</i>		17.08 l/h	259 g/kWh

Torque rise

		33.8 %	
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<u>Maximum torque, Engine speed corresponding</u>	269.8 Nm	1500 min ⁻¹	
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Drawbar Test

<i>Front tyres, Rear tyres</i>	11.2 - 24	18.4 - 28
<u>Test with tractor</u>	<u>unballasted</u>	<u>ballasted</u>
<i>Total Mass</i>	2754 kg	4272 kg
<i>Maximum drawbar pull</i>	26.6 kN	37.0 kN
<i>at speed of</i>	6.23 km/h	3.20 km/h
<i>Maximum power</i>	49.8 kW	50.9 kW
<i>at speed of</i>	13.75 km/h	8.78 km/h

Hydraulic Performance and Power Lift Test

<i>Hydraulic system</i>			Opened centre
<u>At maximum hydraulic power</u>			
<i>Flow rate, Pressure, Power</i>	38.8 l/min	16.3 MPa	10.5 kW
<u>Maximum lifting force</u>			
<i>at hitch points, at frame</i>		17.5 kN	15.5 kN