



OECD approval number

1/1 738

OECD approval date

Full Code
06/03/1998

Make

Kubota

Model

L2500DT

Type

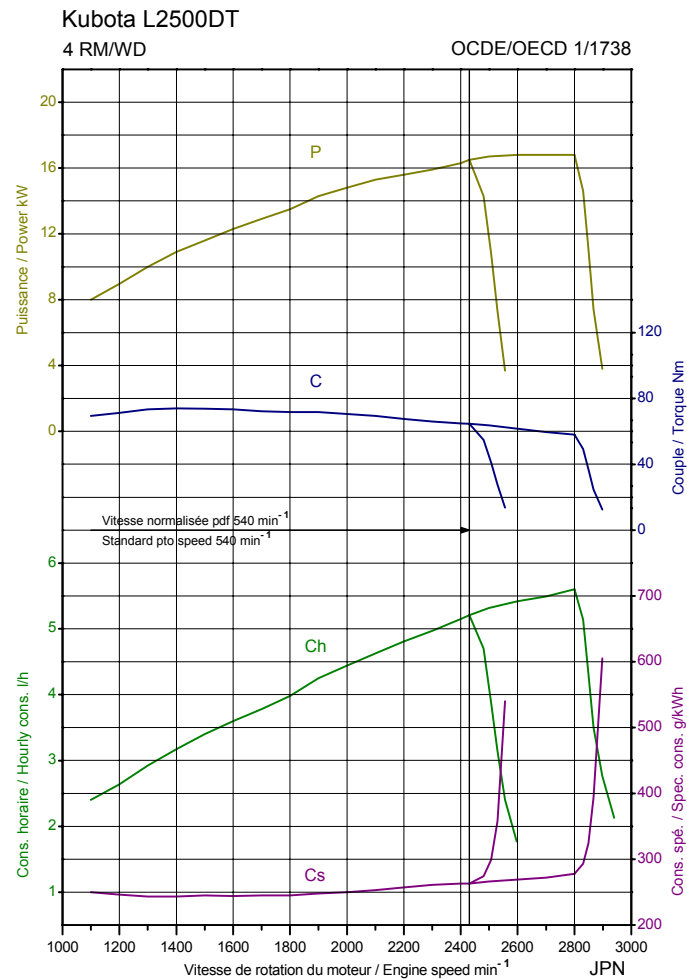
4 WD

Manufacturer

Kubota Corporation

Testing station:

IAM-BRAIN, Omiya, Japan



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	Kubota	D1403-AE-2
<i>Type, Supercharging</i>	Indirect injection	None
<i>Cylinders, Disposition</i>	3	vertical in line
<i>Capacity, Cooling</i>	1393 cm ³	Liquid
<i>Gear box</i>		Mechanical
<i>Number of forward and reverse speeds</i>	8	2
<i>Speed at rated engine speed</i>	from 1.32	to 17.33 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>	622 min ⁻¹	1161 min ⁻¹
<i>Diameter of the shaft</i>	35 mm	35 mm
<i>Number of splines</i>	6	6

Power take-off TestTwo hours test at maximum power

<i>Power, Engine and Power take-off speed</i>	16.8 kW	2800 min ⁻¹	622 min ⁻¹
<i>Hourly and specific consumption</i>		5.60 l/h	278 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	16.8 kW	2800 min ⁻¹	622 min ⁻¹
<i>Hourly and specific consumption</i>		5.60 l/h	278 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	16.5 kW	2430 min ⁻¹	540 min ⁻¹
<i>Hourly and specific consumption</i>		5.21 l/h	263 g/kWh

Torque rise

		29.1 %	
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<u>Maximum torque, Engine speed corresponding</u>	74.0 Nm	1400 min ⁻¹	
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Drawbar Test

<i>Front tyres, Rear tyres</i>	7 - 16	11.2 - 24
<u>Test with tractor</u>	<u>unballasted</u>	<u>ballasted</u>
<i>Total Mass</i>	1099 kg	1477 kg
<i>Maximum drawbar pull</i>	7.5 kN	12.9 kN
<i>at speed of</i>	3.92 km/h	2.16 km/h
<i>Maximum power</i>	13.0 kW	13.0 kW
<i>at speed of</i>	6.41 km/h	4.90 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>	28.1 l/min	14.2 MPa	6.7 kW
<u>Maximum lifting force</u>			
<i>at hitch points, at frame</i>		7.7 kN	5.9 kN