



OECD approval number

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OECD approval date

Full Code
07/02/2001

Make

Kubota

Model

L3000DT

Type

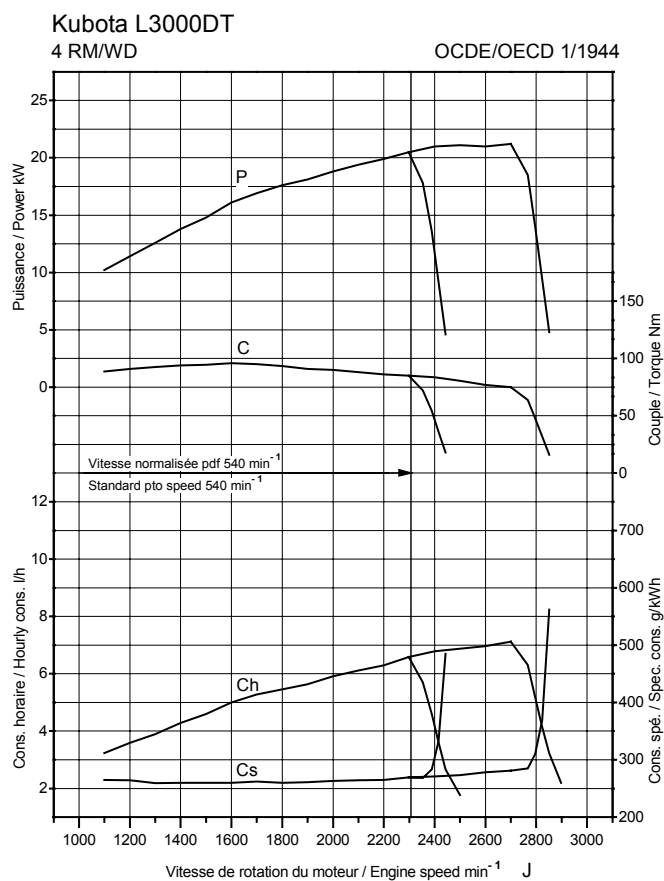
4 WD

Manufacturer

Kubota Corporation

Testing station:

IAM-BRAIN, Omiya, Japan



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	Kubota	D1503-L-A-1
<i>Type, Supercharging</i>	Indirect injection	None
<i>Cylinders, Disposition</i>	3	vertical in line
<i>Capacity, Cooling</i>	1499 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 1.27	to 18.75 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>	634 min ⁻¹	1111 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>	21.2 kW	2700 min ⁻¹	634 min ⁻¹
<i>Hourly and specific consumption</i>		7.12 l/h	281 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	21.2 kW	2700 min ⁻¹	634 min ⁻¹
<i>Hourly and specific consumption</i>		7.12 l/h	281 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	20.5 kW	2298 min ⁻¹	540 min ⁻¹
<i>Hourly and specific consumption</i>		6.58 l/h	269 g/kWh

Torque rise

<i>Maximum torque, Engine speed corresponding</i>		96.0 Nm	1600 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>	1104 kg	1528 kg
<i>Maximum drawbar pull</i>	10.3 kN	12.6 kN
<i>at speed of</i>	4.72 km/h	4.64 km/h
<i>Maximum power</i>	17.4 kW	17.3 kW
<i>at speed of</i>	9.25 km/h	9.58 km/h

Power Lift and Hydraulic Performance Test

Hydraulic system			Opened centre
Maximum lifting force at hitch points, at frame			7.7 kN 5.9 kN
<u>At maximum hydraulic power</u>			
Flow rate, Pressure, Power	26.6 l/min	12.9 MPa	5.7 kW