



OECD approval number

1/1 805

OECD approval date

Full Code
21/01/1999

Make

Kubota

Model

M9000DT

Type

4 WD

Manufacturer

Kubota Co.

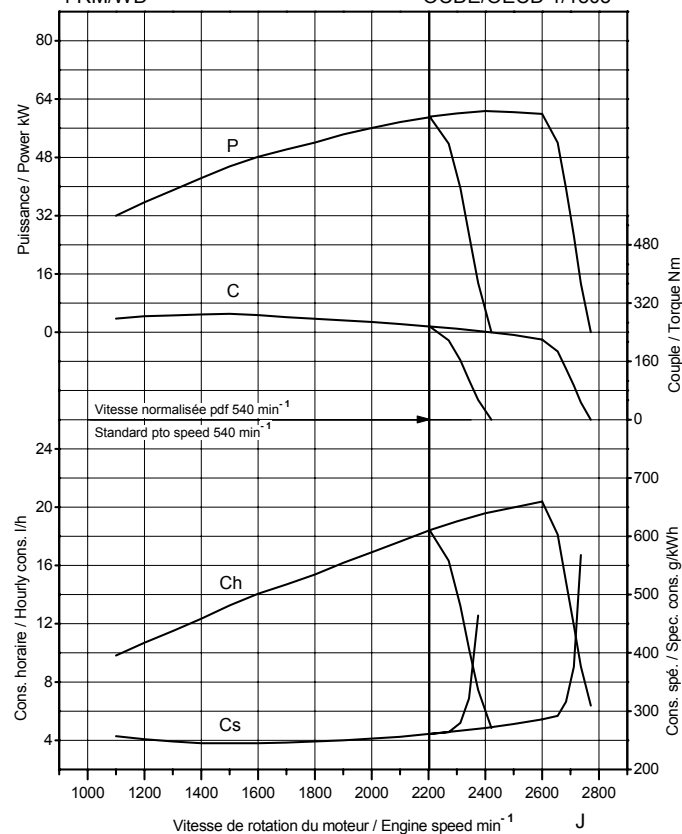
Testing station:

IAM - BRAIN, Omiya, Japan

Kubota M 9000 DT

4 RM/WD

OCDE/OECD 1/1805



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	Kubota	V3300-TIE
<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 2.51	to 33.26 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>	60.4 kW	2500 min ⁻¹	612 min ⁻¹
<i>Hourly and specific consumption</i>		19.99 l/h	278 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	59.9 kW	2600 min ⁻¹	637 min ⁻¹
<i>Hourly and specific consumption</i>		20.39 l/h	286 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	59.2 kW	2205 min ⁻¹	540 min ⁻¹
<i>Hourly and specific consumption</i>		18.42 l/h	261 g/kWh

Torque rise

		31.9 %	
<u>Maximum torque, Engine speed corresponding</u>	290.1 Nm	1500 min ⁻¹	

Drawbar Test

<i>Front tyres, Rear tyres</i>	12.4 - 24	18.4 - 30
<u>Test with tractor</u>	<u>unballasted</u>	<u>ballasted</u>
<i>Total Mass</i>	2810 kg	4331 kg
<i>Maximum drawbar pull</i>	28.1 kN	40.0 kN
<i>at speed of</i>	3.42 km/h	3.38 km/h
<i>Maximum power</i>	54.9 kW	54.7 kW
<i>at speed of</i>	9.36 km/h	9.54 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>	58.9 l/min	15.2 MPa	14.9 kW
<u>Maximum lifting force</u>			
<i>at hitch points, at frame</i>		17.8 kN	16.0 kN