



OECD approval number

OECD approval date

Make

Model

Type

Manufacturer

Testing station:

1/1 803

Full Code

20/01/1999

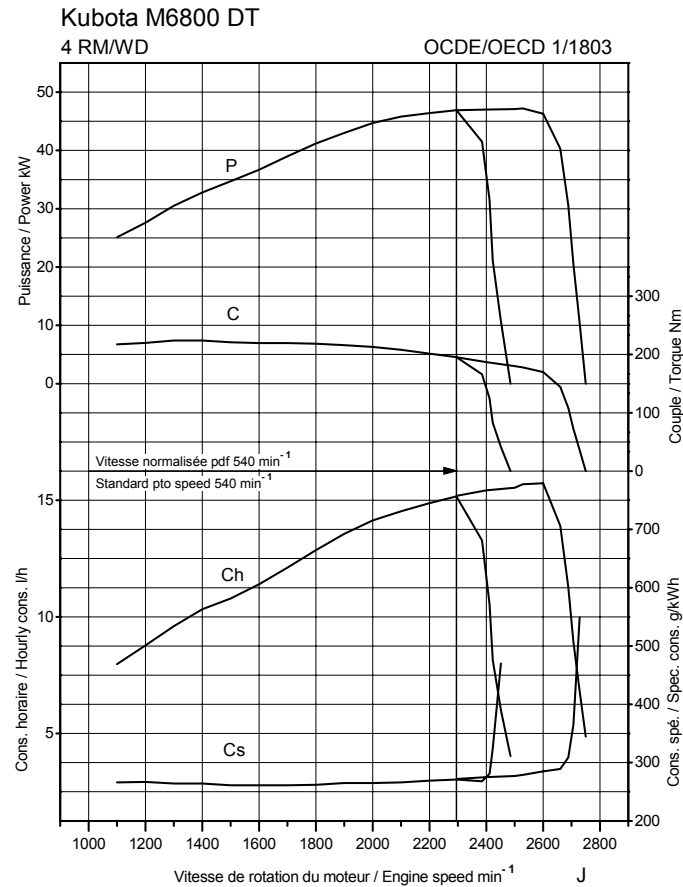
Kubota

M6800DT

4 WD

Kubota Co.

IAM - BRAIN, Omiya, Japan



**Engine, Transmission, Power take-off Specifications**

|                                                   |                             |                              |
|---------------------------------------------------|-----------------------------|------------------------------|
| <i>Make, Model</i>                                | Kubota                      | V3300-E                      |
| <i>Type, Supercharging</i>                        | Indirect injection          | None                         |
| <i>Cylinders, Disposition</i>                     | 4                           | vertical in line             |
| <i>Capacity, Cooling</i>                          | 3318 cm <sup>3</sup>        | Liquid                       |
| <i>Gear box</i>                                   |                             | Mechanical                   |
| <i>Number of forward and reverse speeds</i>       |                             | 8 4                          |
| <i>Speed at rated engine speed</i>                | from 2.70                   | to 29.82 km/h                |
| <u>Standard Power take-off speed</u>              | <u>540 min<sup>-1</sup></u> | <u>1000 min<sup>-1</sup></u> |
| <i>Power take-off speed at rated engine speed</i> | 612 min <sup>-1</sup>       | None                         |
| <i>Diameter of the shaft</i>                      | 35 mm                       |                              |
| <i>Number of splines</i>                          | 6                           |                              |

**Power take-off Test**Two hours test at maximum power

|                                               |         |                        |                       |
|-----------------------------------------------|---------|------------------------|-----------------------|
| <i>Power, Engine and Power take-off speed</i> | 47.2 kW | 2529 min <sup>-1</sup> | 595 min <sup>-1</sup> |
| <i>Hourly and specific consumption</i>        |         | 15.69 l/h              | 279 g/kWh             |

Test at maximum power at rated engine speed

|                                               |         |                        |                       |
|-----------------------------------------------|---------|------------------------|-----------------------|
| <i>Power, Engine and Power take-off speed</i> | 46.3 kW | 2600 min <sup>-1</sup> | 612 min <sup>-1</sup> |
| <i>Hourly and specific consumption</i>        |         | 15.73 l/h              | 285 g/kWh             |

Test at standard Power take-off speed

|                                               |         |                        |                       |
|-----------------------------------------------|---------|------------------------|-----------------------|
| <i>Power, Engine and Power take-off speed</i> | 46.9 kW | 2295 min <sup>-1</sup> | 540 min <sup>-1</sup> |
| <i>Hourly and specific consumption</i>        |         | 15.16 l/h              | 271 g/kWh             |

Torque rise

31.6 %

Maximum torque, Engine speed corresponding223.8 Nm 1400 min<sup>-1</sup>**Drawbar Test***Front tyres, Rear tyres*

9.5 - 24 16.9 - 30

Test with tractorunballasted ballasted*Total Mass*

2437 kg 3816 kg

*Maximum drawbar pull*

23.5 kN 32.4 kN

*at speed of*

2.41 km/h 2.41 km/h

*Maximum power*

41.4 kW 42.5 kW

*at speed of*

9.00 km/h 7.74 km/h

**Hydraulic Performance and Power Lift Test***Hydraulic system*

Opened centre

At maximum hydraulic power

|                                   |            |          |         |
|-----------------------------------|------------|----------|---------|
| <i>Flow rate, Pressure, Power</i> | 39.8 l/min | 16.1 MPa | 10.7 kW |
|-----------------------------------|------------|----------|---------|

Maximum lifting force

|                                  |  |         |         |
|----------------------------------|--|---------|---------|
| <i>at hitch points, at frame</i> |  | 14.0 kN | 12.3 kN |
|----------------------------------|--|---------|---------|