



OECD approval number

1/1 747

OECD approval date

**Full Code
17/04/1998**

Make

Landini

Model

Globus DT 70

Type

4 WD

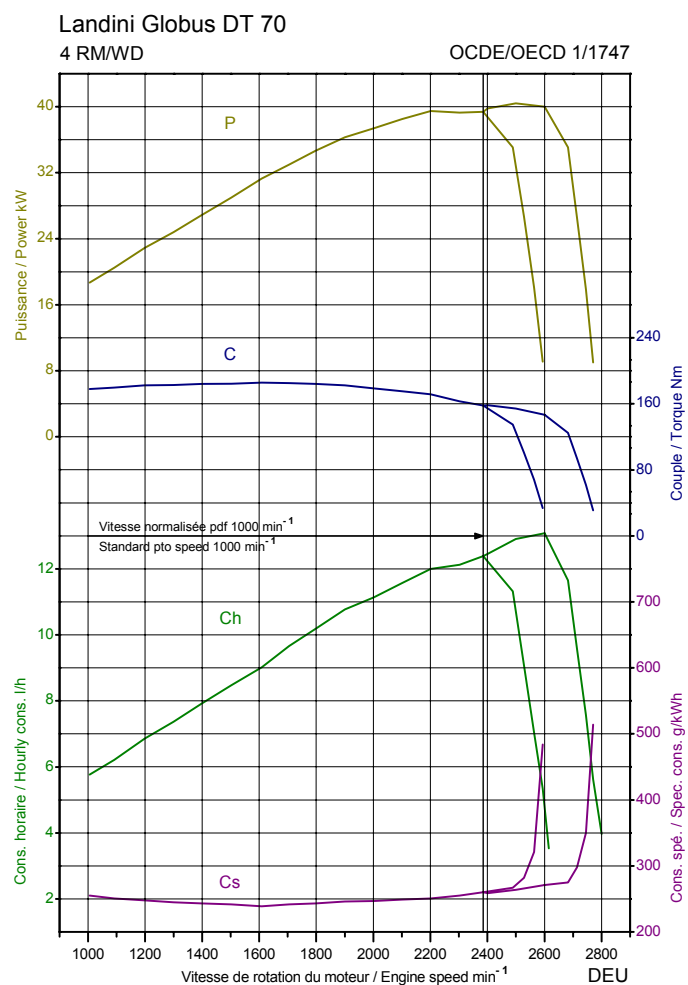
DBKL

Manufacturer

Landini S.p.A.

Testing station:

DLG, Groß-Umstadt, Germany



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	Perkins	704.30 / U A 4031
<i>Type, Supercharging</i>	Direct injection	None
<i>Cylinders, Disposition</i>	4	in line
<i>Capacity, Cooling</i>	2955 cm ³	Liquid
<i>Gear box</i>		Mechanical
<i>Number of forward and reverse speeds</i>	25	25
<i>Speed at rated engine speed</i>	from 0.22	to 40.74 km/h
<u>Standard Power take-off speed</u>	540 min ⁻¹	1000 min ⁻¹
<i>Power take-off speed at rated engine speed</i>	581 min ⁻¹	1090 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>	40.4 kW	2500 min ⁻¹	1048 min ⁻¹
<i>Hourly and specific consumption</i>		12.91 l/h	264 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	40.0 kW	2600 min ⁻¹	1090 min ⁻¹
<i>Hourly and specific consumption</i>		13.08 l/h	271 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	39.4 kW	2385 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		12.39 l/h	260 g/kWh

Torque rise

26.5 %

Maximum torque, Engine speed corresponding186.0 Nm 1609 min⁻¹**Drawbar Test***Front tyres, Rear tyres*

360/70 R 20 420/70 R 30

Test with tractorunballasted ballasted*Total Mass*

2520 kg 5275 kg

Maximum drawbar pull

26.4 kN 48.5 kN

at speed of

3.70 km/h 1.47 km/h

Maximum power

31.1 kW 32.4 kW

at speed of

7.58 km/h 3.98 km/h

Hydraulic Performance and Power Lift Test*Hydraulic system*

Opened centre

At maximum hydraulic power*Flow rate, Pressure, Power*

29.5 l/min 17.0 MPa 8.4 kW

Maximum lifting force*at hitch points, at frame*

28.6 kN 19.4 kN

