



OECD approval number

1 681/1

OECD approval date

Full Code

20/10/1997

Make

Fiat

Model

L 65 DT

Type

4 WD

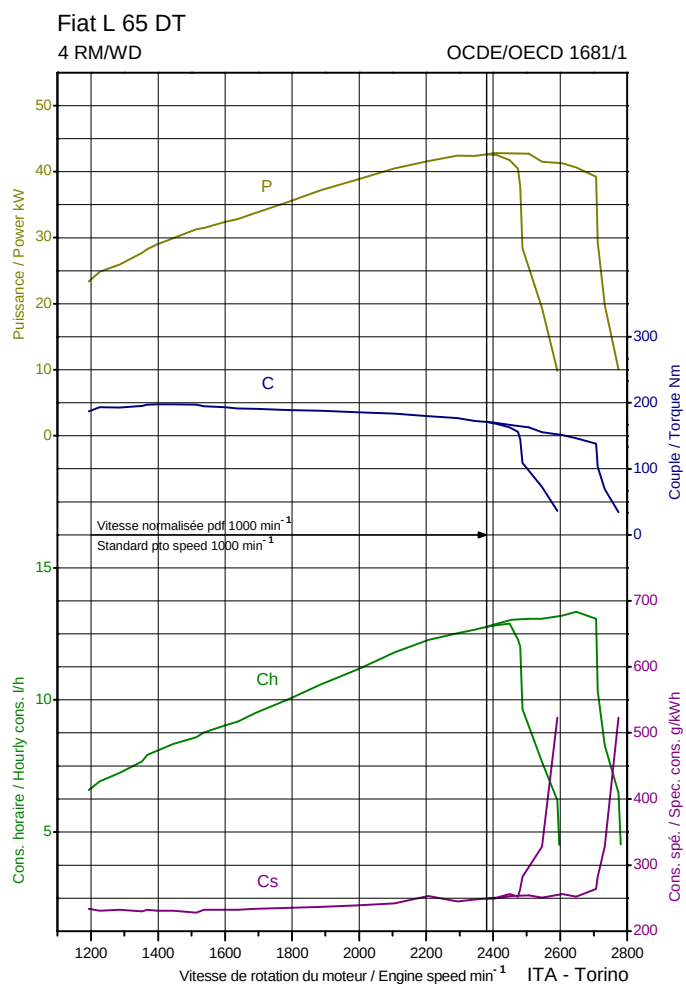
Manufacturer

12 speeds - 30 km/h

Testing station:

New Holland Italia

IMA, Torino, Italy



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	Fiat	8045.06R
<i>Type, Supercharging</i>	Direct injection	None
<i>Cylinders, Disposition</i>	4	vertical in line
<i>Capacity, Cooling</i>	3613 cm ³	Liquid
<i>Gear box</i>		Mechanical synchronized
<i>Number of forward and reverse speeds</i>	12	12
<i>Speed at rated engine speed</i>	from 1.81	to 29.23 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>	614 min ⁻¹	1050 min ⁻¹
<i>Diameter of the shaft</i>	35 mm	35 mm
<i>Number of splines</i>	6	21

Power take-off TestTwo hours test at maximum power

<i>Power, Engine and Power take-off speed</i>	42.7 kW	2507 min ⁻¹	1053 min ⁻¹
<i>Hourly and specific consumption</i>		13.07 l/h	254 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	42.7 kW	2507 min ⁻¹	1053 min ⁻¹
<i>Hourly and specific consumption</i>		13.07 l/h	254 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	42.6 kW	2381 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		12.77 l/h	249 g/kWh

Torque rise

21.8 %

Maximum torque, Engine speed corresponding198.1 Nm 1398 min⁻¹**Drawbar Test***Front tyres, Rear tyres*

320/70 R 24 480/70 R 30

Test with tractorunballasted ballasted*Total Mass*

3410 kg 4180 kg

Maximum drawbar pull

29.9 kN 35.3 kN

at speed of

3.83 km/h 3.39 km/h

Maximum power

36.5 kW 36.9 kW

at speed of

9.65 km/h 9.82 km/h

Hydraulic Performance and Power Lift Test*Hydraulic system*

Opened centre

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

30.0 l/min 17.5 MPa 8.8 kW

Maximum lifting force*at hitch points, at frame*

16.1 kN 18.9 kN