



OECD approval number

1 681/2

OECD approval date

Full Code
20/10/1997

Make

Ford

Model

4835 DT

Type

4 WD

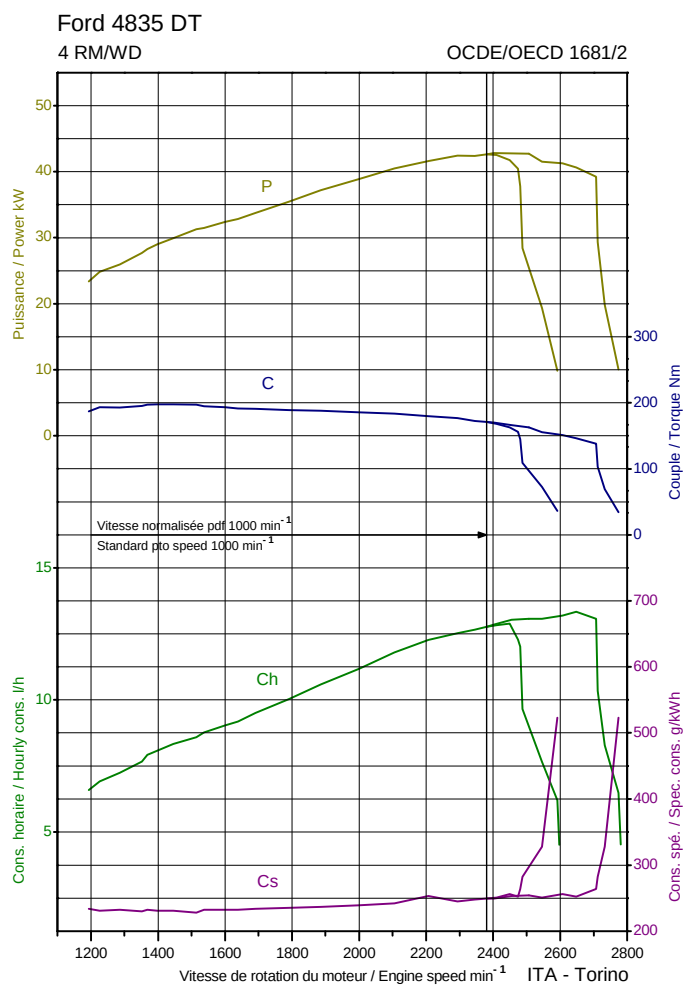
Manufacturer

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

<i>Maximum torque, Engine speed corresponding</i>	198.1 Nm	1398 min ⁻¹	21.8 %
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Drawbar Test

<i>Front tyres, Rear tyres</i>	320/70 R 24	480/70 R 30
<u>Test with tractor</u>	<u>unballasted</u>	<u>ballasted</u>
<i>Total Mass</i>	3410 kg	4180 kg
<i>Maximum drawbar pull</i>	29.9 kN	35.3 kN
<i>at speed of</i>	3.83 km/h	3.39 km/h
<i>Maximum power</i>	36.5 kW	36.9 kW
<i>at speed of</i>	9.65 km/h	9.82 km/h

Hydraulic Performance and Power Lift Test

Hydraulic system			Opened centre
<u>At maximum hydraulic power</u>			
Flow rate, Pressure, Power	30.0 l/min	17.5 MPa	8.8 kW
<u>Maximum lifting force</u>			
at hitch points, at frame		16.1 kN	18.9 kN