



OECD approval number

1 685/2

OECD approval date

Full Code
20/10/1997

Make

Ford

Model

4635 DT

Type

4 WD

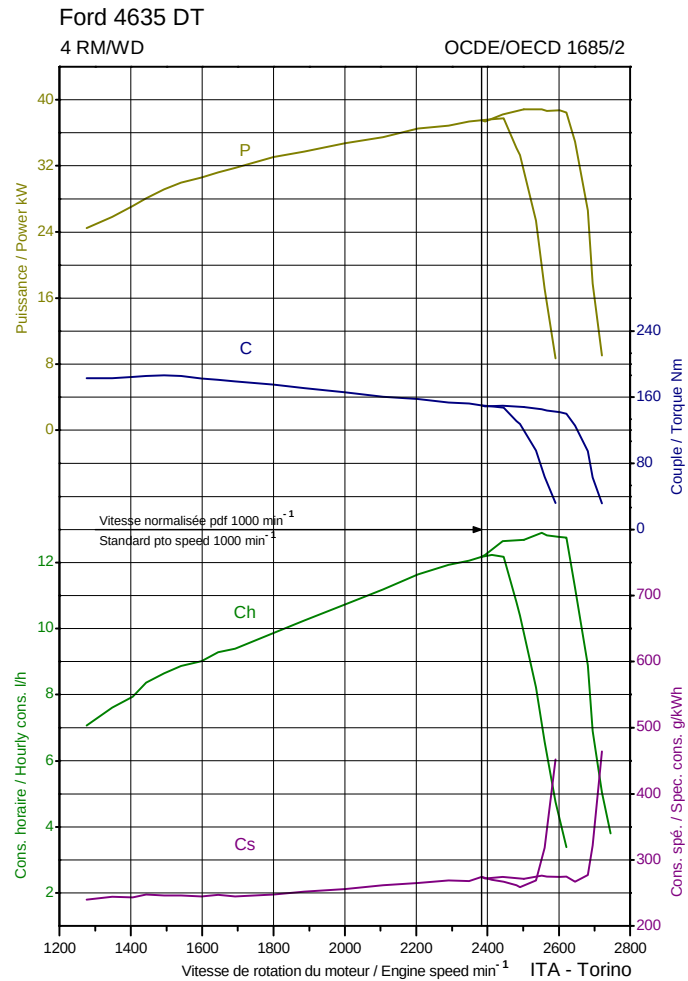
Manufacturer

12 speeds - 30 km/h

Testing station:

New Holland Italia

IMA, Torino, Italy



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	Fiat	8035.05
<i>Type, Supercharging</i>	Direct injection	None
<i>Cylinders, Disposition</i>	3	vertical in line
<i>Capacity, Cooling</i>	2931 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>	38.9 kW	2502 min ⁻¹	1051 min ⁻¹
<i>Hourly and specific consumption</i>		12.69 l/h	271 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	38.9 kW	2502 min ⁻¹	1051 min ⁻¹
<i>Hourly and specific consumption</i>		12.69 l/h	271 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	37.5 kW	2383 min ⁻¹	1001 min ⁻¹
<i>Hourly and specific consumption</i>		12.17 l/h	269 g/kWh

Torque rise

<i>Maximum torque, Engine speed corresponding</i>	186.6 Nm	1493 min ⁻¹	25.8 %
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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>	3440 kg	4210 kg
<i>Maximum drawbar pull</i>	31.0 kN	37.1 kN
<i>at speed of</i>	2.42 km/h	2.39 km/h
<i>Maximum power</i>	32.4 kW	32.4 kW
<i>at speed of</i>	9.70 km/h	5.90 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>	30.0 l/min	17.5 MPa	8.8 kW
<u>Maximum lifting force</u>			
<i>at hitch points, at frame</i>		16.1 kN	18.9 kN