



OECD approval number

2/1 995

OECD approval date

Restricted Code

03/09/2002

Make

Massey Ferguson

Model

285 S

Type

2 WD

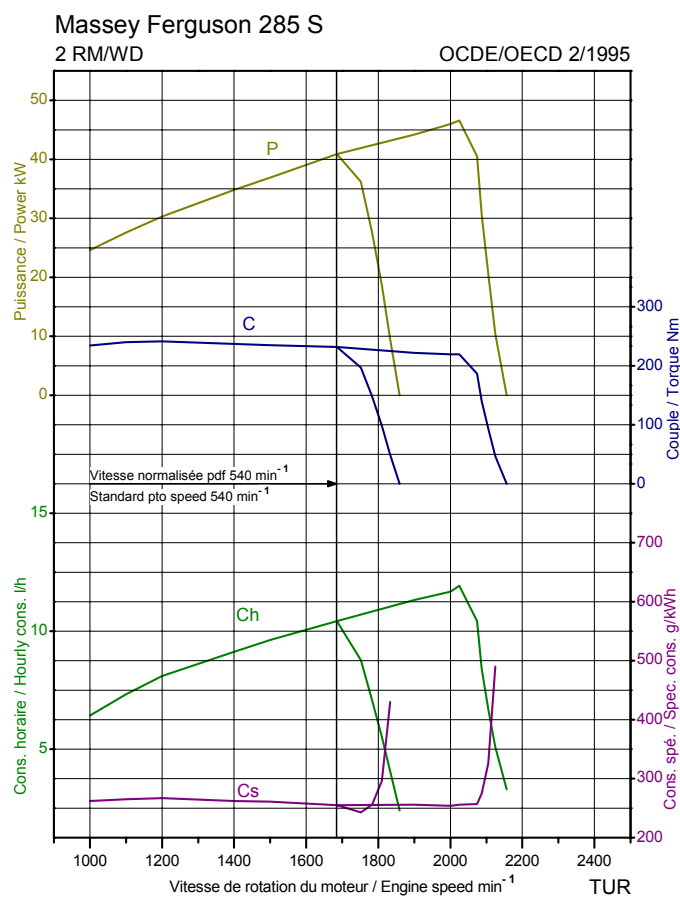
30 km/h

Manufacturer

Uzel Makine Sanayii A.S.

Testing station:

DAEMTC, Ankara, Turkey



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	Perkins	AD 4 248
<i>Type, Supercharging</i>	Direct injection	None
<i>Cylinders, Disposition</i>	4	vertical in line
<i>Capacity, Cooling</i>	4064 cm ³	By water
<i>Gear box</i>		Mechanical
<i>Number of forward and reverse speeds</i>	12	4
<i>Speed at rated engine speed</i>	from 2.15	to 30.64 km/h
<u>Standard Power take-off speed</u>	<u>540 min⁻¹</u>	<u>1000 min⁻¹</u>
<i>Power take-off speed at rated engine speed</i>	641 min ⁻¹	None
<i>Diameter of the shaft</i>	34.9 mm	
<i>Number of splines</i>	6	

Power take-off TestTwo hours test at maximum power

<i>Power, Engine and Power take-off speed</i>	46.6 kW	2025 min ⁻¹	649 min ⁻¹
<i>Hourly and specific consumption</i>		14.34 l/h	256 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	46.0 kW	2000 min ⁻¹	641 min ⁻¹
<i>Hourly and specific consumption</i>		14.06 l/h	254 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	40.9 kW	1685 min ⁻¹	540 min ⁻¹
<i>Hourly and specific consumption</i>		12.54 l/h	255 g/kWh

Torque rise

8.5 %

Maximum torque, Engine speed corresponding238.2 Nm 1300 min⁻¹**Drawbar Test***Front tyres, Rear tyres*

7.50 - 16 18.4 - 30

Test with tractorunballasted ballasted*Total Mass*

2540 kg

Maximum drawbar pull

18.5 kN

Not

at speed of

3.68 km/h

required

Maximum power

40.1 kW

in

at speed of

12.50 km/h

Code 2

Power Lift and Hydraulic Performance Test*Hydraulic system*

Opened centre

Maximum lifting force at hitch points, at frame

10.1 kN

5.6 kN

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

16.1 l/min

15.0 MPa

4.0 kW

