



OECD approval number

1 686

OECD approval date

Full Code
20/10/1997

Make

Deutz-Fahr

Model

Agropius 70

Type

4 WD

D10S704VT - 45 speeds - 40 km/h

Manufacturer

Deutz-Fahr Agrartechnik GmbH

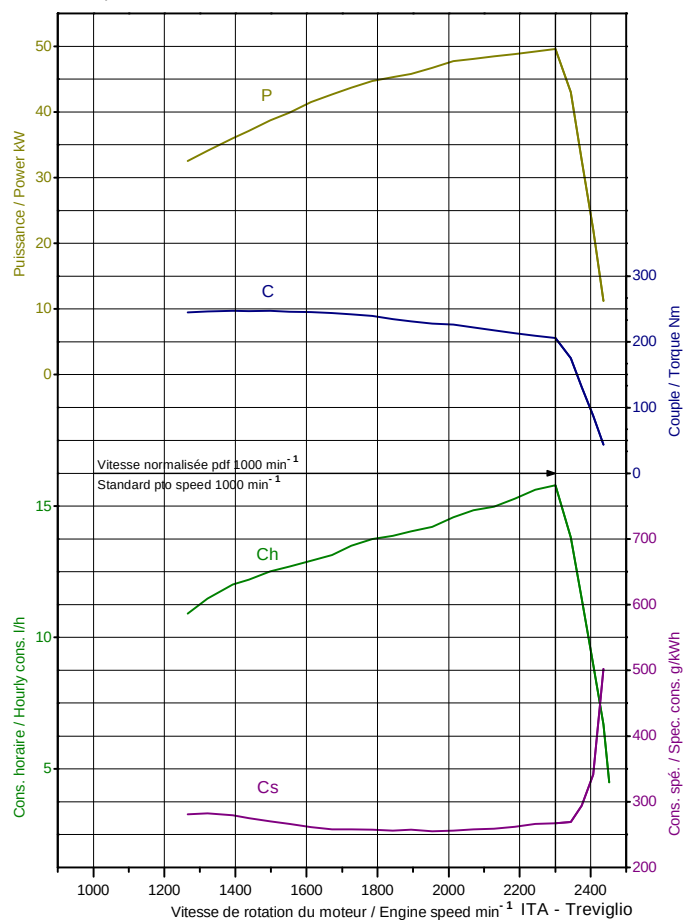
Testing station:

ISMA, Treviglio, Italy

Deutz-Fahr Agropius 70

4 RM/WD

OCDE/OECD 1686



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	KHD Deutz	F4L 913
<i>Type, Supercharging</i>	Direct injection	None
<i>Cylinders, Disposition</i>	4	vertical in line
<i>Capacity, Cooling</i>	4086 cm ³	By air
<i>Gear box</i>		Mechanical synchronized
<i>Number of forward and reverse speeds</i>	45	45
<i>Speed at rated engine speed</i>	from 0.20	to 39.92 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>	598 min ⁻¹	1000 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>	49.6 kW	2300 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		15.79 l/h	267 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	49.6 kW	2300 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		15.79 l/h	267 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	49.6 kW	2300 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		15.79 l/h	267 g/kWh

Torque rise

<i>Maximum torque, Engine speed corresponding</i>	247.1 Nm	1498 min ⁻¹
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Drawbar Test

<i>Front tyres, Rear tyres</i>	11.2 R 24	16.9 R 30
<u>Test with tractor</u>	<u>unballasted</u>	<u>ballasted</u>
<i>Total Mass</i>	3110 kg	3515 kg
<i>Maximum drawbar pull</i>	26.0 kN	32.2 kN
<i>at speed of</i>	1.61 km/h	0.37 km/h
<i>Maximum power</i>	43.4 kW	43.3 kW
<i>at speed of</i>	6.42 km/h	7.87 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>	43.5 l/min	16.0 MPa 11.6 kW
<u>Maximum lifting force</u>		
<i>at hitch points, at frame</i>		15.4 kN 15.1 kN