



OECD approval number

2/1 884

Restricted Code

OECD approval date

16/02/2000

Make

Fendt

Model

Favorit 716 Vario

Type

4 WD

Manufacturer

Agco GmbH & Co.

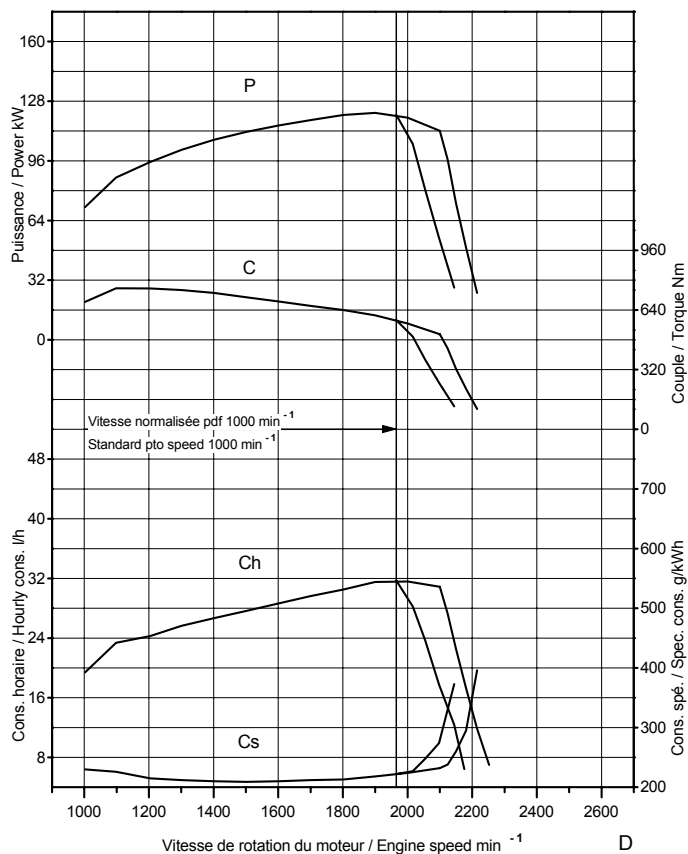
Testing station:

DLG, Gross-Umstadt, Germany

# Fendt Favorit 716 Vario

4 RM/WD

OCDE/OECD 2/1884



**Engine, Transmission, Power take-off Specifications**

<i>Make, Model</i>	Deutz	BF 6M 2013 C	
<i>Type, Supercharging</i>	Direct injection	Yes	
<i>Cylinders, Disposition</i>	6	in line	
<i>Capacity, Cooling</i>	5702 cm <sup>3</sup>	Liquid	
<i>Gear box</i>		Hydrostatic and mechanical	
<i>Number of forward and reverse speeds</i>		Not significant	
<i>Speed at rated engine speed</i>		from 0.00	to 50.00 km/h
<u>Standard Power take-off speed</u>		540 min <sup>-1</sup>	1000 min <sup>-1</sup>
<i>Power take-off speed at rated engine speed</i>		585 min <sup>-1</sup>	1068 min <sup>-1</sup>
<i>Diameter of the shaft</i>		35 mm	35 mm
<i>Number of splines</i>		6	6

**Power take-off Test**Two hours test at maximum power

<i>Power, Engine and Power take-off speed</i>	121.8 kW	1900 min <sup>-1</sup>	967 min <sup>-1</sup>
<i>Hourly and specific consumption</i>		31.51 l/h	218 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	112.2 kW	2100 min <sup>-1</sup>	1068 min <sup>-1</sup>
<i>Hourly and specific consumption</i>		30.87 l/h	232 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	120.6 kW	1965 min <sup>-1</sup>	1000 min <sup>-1</sup>
<i>Hourly and specific consumption</i>		31.73 l/h	222 g/kWh

Torque rise

48.4 %

Maximum torque, Engine speed corresponding757.0 Nm 1098 min<sup>-1</sup>**Drawbar Test***Front tyres, Rear tyres*

540/65 - 28 650/65 - 38

Test with tractorunballasted ballasted*Total Mass*

6290 kg

*Maximum drawbar pull*

66.3 kN

*at speed of*3.95 km/h *Not required**Maximum power*

96.6 kW

*at speed of*11.33 km/h *in Code 2***Power Lift and Hydraulic Performance Test***Hydraulic system*

Closed

*Maximum lifting force at hitch points, at frame*

56.7 kN

48.6 kN

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

55.9 l/min

18.0 MPa

16.8 kW

