



OECD approval number

2/2 067

OECD approval date

Restricted Code

28/05/2003

Make

Fendt

Model

Farmer 412 Vario

Type

4 WD

Manufacturer

AGCO GmbH & Co.

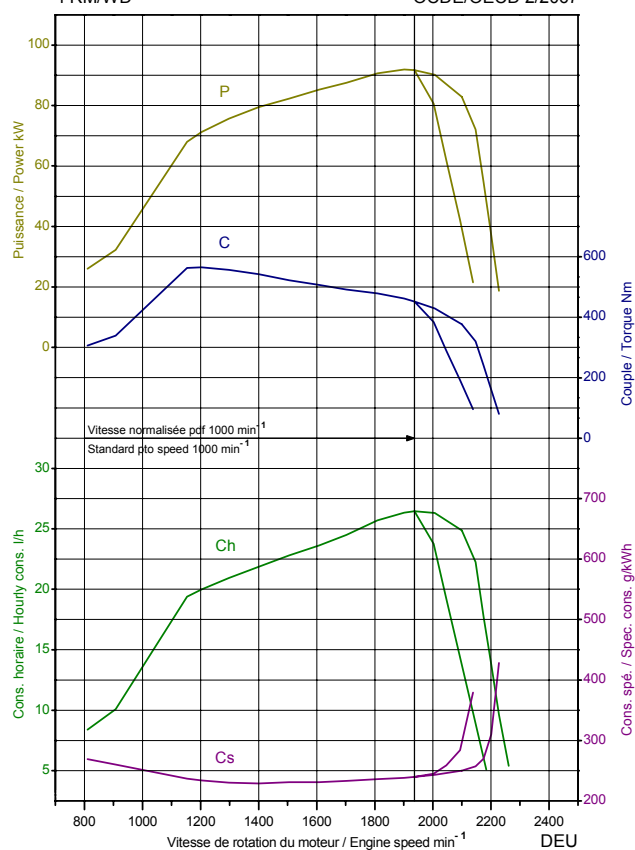
Testing station:

DLG, Gross-Umstadt, Germany

Fendt Farmer 412 Vario

4 RM/WD

OCDE/OECD 2/2067



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	Deutz	BF 4M 2013 C	
<i>Type, Supercharging</i>	Direct injection	Yes	
<i>Cylinders, Disposition</i>	4	in line	
<i>Capacity, Cooling</i>	3802 cm ³	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 ⁻¹	1000 min ⁻¹
<i>Power take-off speed at rated engine speed</i>		587 min ⁻¹	1084 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>	92.0 kW	1902 min ⁻¹	982 min ⁻¹
<i>Hourly and specific consumption</i>		26.33 l/h	238 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	82.9 kW	2100 min ⁻¹	1084 min ⁻¹
<i>Hourly and specific consumption</i>		24.87 l/h	250 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	91.7 kW	1937 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		26.47 l/h	240 g/kWh

Torque rise

		49.9 %	
--	--	--------	--

<u>Maximum torque, Engine speed corresponding</u>		565.0 Nm	1203 min ⁻¹
---	--	----------	------------------------

Drawbar Test*Front tyres, Rear tyres*

540/65 R 24 600/65 R 38

Test with tractorunballasted ballasted*Total Mass*

5370 kg

Maximum drawbar pull

58.1 kN

at speed of

3.84 km/h

*Not required**Maximum power*

76.1 kW

*in**at speed of*

9.52 km/h

*Code 2***Hydraulic Performance and Power Lift Test***Hydraulic system*

Closed centre

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

78.7 l/min

18.0 MPa

23.6 kW

Maximum lifting force*at hitch points, at frame*

42.5 kN

37.4 kN

