



OECD approval number

2/1 962

Restricted Code

OECD approval date

09/07/2001

Make

Fendt

Model

Farmer 411 Vario

Type

4 WD

Manufacturer

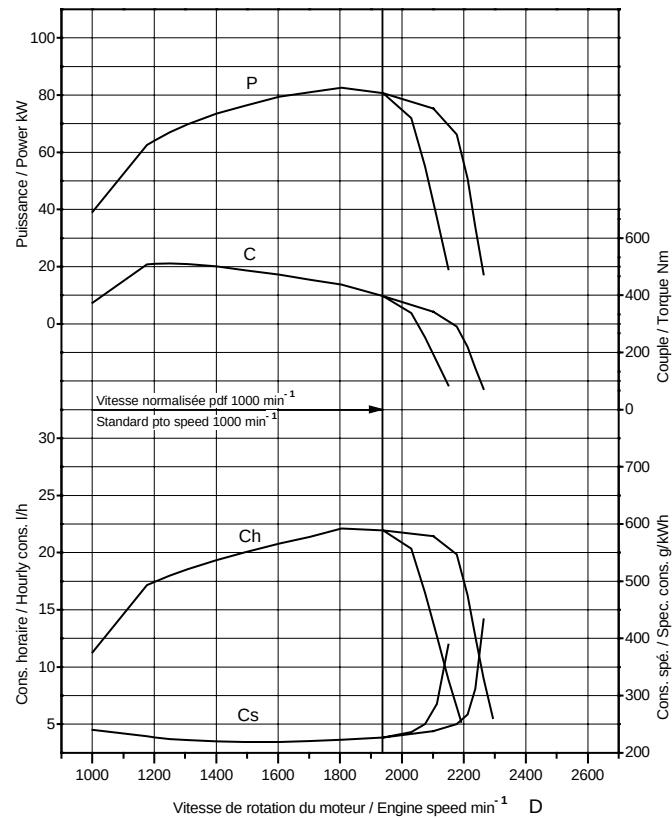
Agco GmbH & Co.

Testing station:

DLG, Gross-Umstadt, Germany

Fendt Farmer 411 Vario
4 RM/WD

OCDE/OECD 2/1962



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>	82.7 kW	1805 min ⁻¹	932 min ⁻¹
<i>Hourly and specific consumption</i>		22.09 l/h	223 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	75.3 kW	2102 min ⁻¹	1085 min ⁻¹
<i>Hourly and specific consumption</i>		21.45 l/h	238 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	80.7 kW	1939 min ⁻¹	1001 min ⁻¹
<i>Hourly and specific consumption</i>		21.95 l/h	227 g/kWh

Torque rise

<i>Maximum torque, Engine speed corresponding</i>		511.0 Nm	1251 min ⁻¹
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Drawbar Test

<i>Front tyres, Rear tyres</i>	480/70 - 24	520/70 - 38
<u>Test with tractor</u>	<u>unballasted</u>	<u>ballasted</u>
<i>Total Mass</i>	5500 kg	
<i>Maximum drawbar pull</i>	57.3 kN	Not
<i>at speed of</i>	3.44 km/h	required
<i>Maximum power</i>	65.4 kW	in
<i>at speed of</i>	6.64 km/h	Code 2

Power Lift and Hydraulic Performance Test

<i>Hydraulic system</i>		Closed
<i>Maximum lifting force at hitch points, at frame</i>	44.3 kN	38.2 kN
<u>At maximum hydraulic power</u>		
<i>Flow rate, Pressure, Power</i>	67.6 l/min	18.5 MPa 20.9 kW