



OECD approval number

2/2 262

Restricted Code

OECD approval date

13/07/2005

Make

Fendt

Model

817 NA - F1 Vario TMS

Type

4 WD

717 Vario NA - 50 km/h

Manufacturer

AGCO GmbH

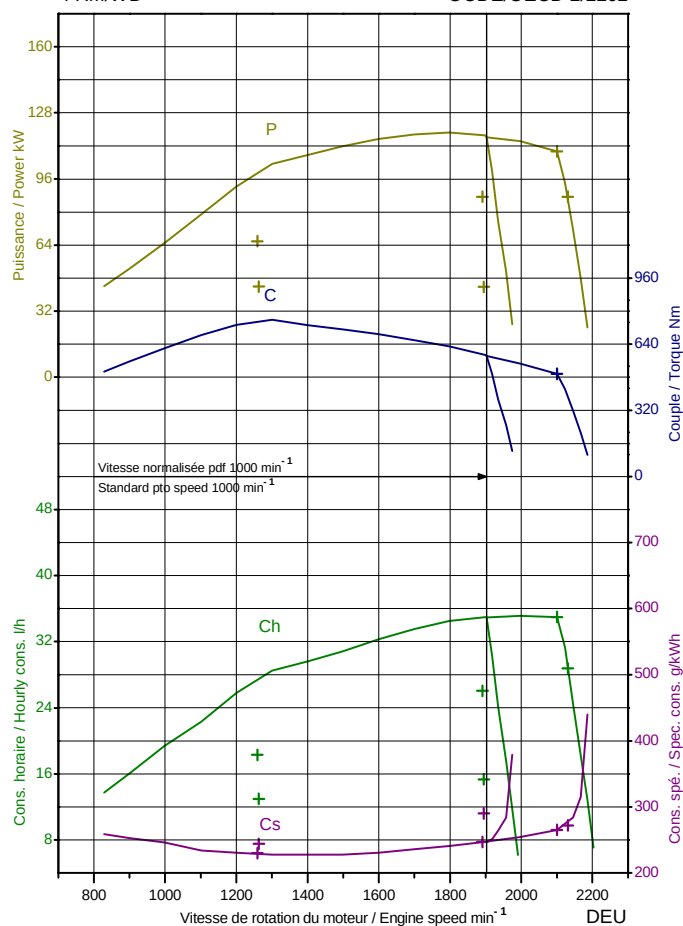
Testing station:

DLG, Gross-Umstadt, Germany

Fendt 817 Vario

4 RM/WD

OCDE/OECD 2/262



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	Deutz	BF6M2013 Code CE 138T	
<i>Type, Supercharging</i>	Direct injection	Yes	
<i>Cylinders, Disposition</i>	6	in line	
<i>Capacity, Cooling</i>	5702 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
<i>Standard Power take-off speed</i>		540 min ⁻¹	1000 min ⁻¹
<i>Power take-off speed at rated engine speed</i>		587 min ⁻¹	1103 min ⁻¹
<i>Diameter of the shaft</i>		35 mm	35 mm
<i>Number of splines</i>		6	21

Power take-off TestTwo hours test at maximum power

<i>Power, Engine and Power take-off speed</i>	118.5 kW	1798 min ⁻¹	945 min ⁻¹
<i>Hourly and specific consumption</i>		34.51 l/h	241 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	109.3 kW	2100 min ⁻¹	1104 min ⁻¹
<i>Hourly and specific consumption</i>		35.00 l/h	265 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	116.3 kW	1903 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		34.93 l/h	248 g/kWh

Torque rise

<i>Maximum torque, Engine speed corresponding</i>		759.0 Nm	1301 min ⁻¹
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Drawbar Test*Front tyres, Rear tyres*

<i>Test with tractor</i>	540/65 R 30	650/65 R 42
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Total Mass

<i>Maximum drawbar pull</i>	7240 kg	
<i>at speed of</i>	76.3 kN	Not
<i>Maximum power</i>	4.07 km/h	required
<i>at speed of</i>	100.1 kW	in
	7.63 km/h	Code 2

Hydraulic Performance and Power Lift Test*Hydraulic system*

<i>At maximum hydraulic power</i>			Closed
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Flow rate, Pressure, Power

<i>Maximum lifting force</i>	77.5 l/min	17.0 MPa	21.9 kW
<i>at hitch points, at frame</i>		66.2 kN	59.0 kN

