



OECD approval number

2/1 943

OECD approval date

Restricted Code

30/11/2000

Make

Fendt

Model

Favorit 712 Vario

Type

4 WD

Manufacturer

Agco GmbH & Co.

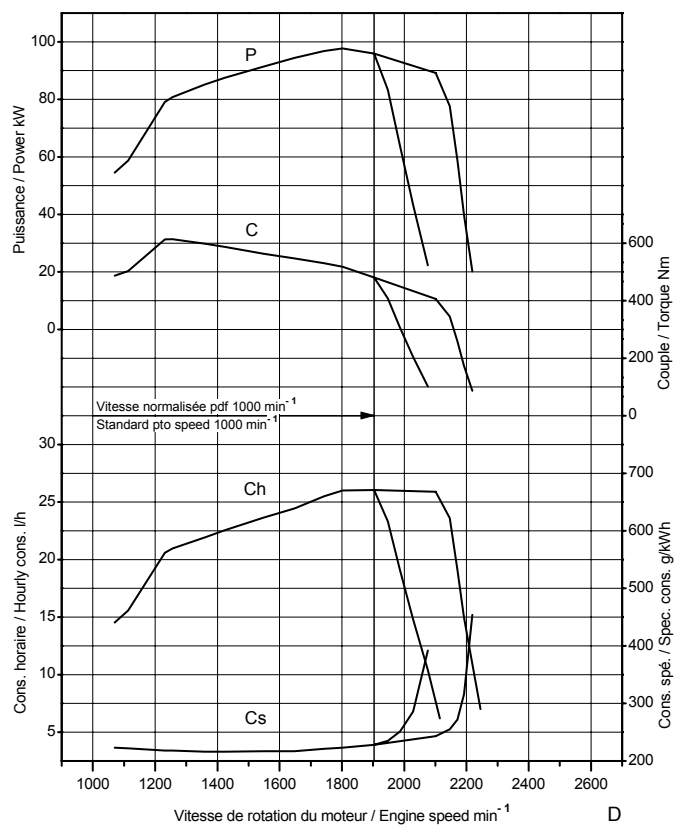
Testing station:

DLG, Gross-Umstadt, Germany

Fendt Favorit 712 Vario

4 RM/WD

OCDE/OECD 2/1943



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 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>		<u>540 min⁻¹</u>	<u>1000 min⁻¹</u>
<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	6

Power take-off TestTwo hours test at maximum power

<i>Power, Engine and Power take-off speed</i>	97.7 kW	1802 min ⁻¹	947 min ⁻¹
<i>Hourly and specific consumption</i>		26.01 l/h	223 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	89.2 kW	2101 min ⁻¹	1104 min ⁻¹
<i>Hourly and specific consumption</i>		25.89 l/h	243 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	95.9 kW	1903 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		26.05 l/h	228 g/kWh

Torque rise

		51.3 %	
--	--	--------	--

<u>Maximum torque, Engine speed corresponding</u>		613.8 Nm	1256 min ⁻¹
---	--	----------	------------------------

Drawbar Test

<i>Front tyres, Rear tyres</i>	480/65 - 28	600/65 - 38
<u>Test with tractor</u>	<u>unballasted</u>	<u>ballasted</u>
<i>Total Mass</i>	6180 kg	
<i>Maximum drawbar pull</i>	63.3 kN	Not
<i>at speed of</i>	3.98 km/h	required
<i>Maximum power</i>	81.9 kW	in
<i>at speed of</i>	8.04 km/h	Code 2

Power Lift and Hydraulic Performance Test

<i>Hydraulic system</i>		Closed centre
<i>Maximum lifting force at hitch points, at frame</i>	53.4 kN	45.4 kN
<u>At maximum hydraulic power</u>		
<i>Flow rate, Pressure, Power</i>	77.7 l/min	17.0 MPa 22.0 kW

