



OECD approval number

2/2 065

Restricted Code

OECD approval date

27/05/2003

Make

Fendt

Model

924 Vario

Type

4 WD

Manufacturer

NA - F1 - 50 km/h

Testing station:

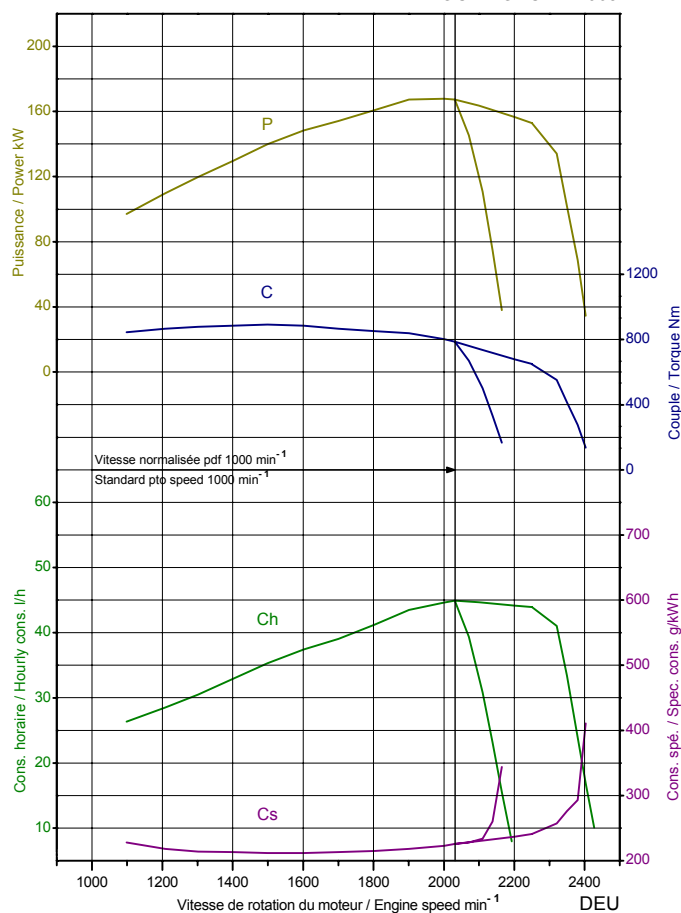
AGCO GmbH & Co.

DLG, Gross-Umstadt, Germany

Fendt 924 Vario (NA - F1)

4 RM/WD

OCDE/OECD 2/2065



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	MAN	DO 836LE501
<i>Type, Supercharging</i>	Direct injection	Yes
<i>Cylinders, Disposition</i>	6	in line
<i>Capacity, Cooling</i>	6871 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>	1108 min ⁻¹	
<i>Diameter of the shaft</i>	45 mm	
<i>Number of splines</i>	20	

Power take-off TestTwo hours test at maximum power

<i>Power, Engine and Power take-off speed</i>	167.9 kW	2000 min ⁻¹	985 min ⁻¹
<i>Hourly and specific consumption</i>		44.64 l/h	223 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	153.0 kW	2250 min ⁻¹	1108 min ⁻¹
<i>Hourly and specific consumption</i>		43.96 l/h	241 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	167.4 kW	2031 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		44.94 l/h	226 g/kWh

Torque rise

<i>Maximum torque, Engine speed corresponding</i>	891.0 Nm	1499 min ⁻¹	37.3 %
---	----------	------------------------	--------

Drawbar Test*Front tyres, Rear tyres*

<u>Test with tractor</u>	14.9 R 38	480/80 R 46
--------------------------	-----------	-------------

Total Mass

	unballasted	ballasted
--	-------------	-----------

*Maximum drawbar pull**at speed of**Maximum power**at speed of***Hydraulic Performance and Power Lift Test***Hydraulic system*At maximum hydraulic power

<i>Flow rate, Pressure, Power</i>	74.5 l/min	17.5 MPa	21.7 kW
-----------------------------------	------------	----------	---------

Maximum lifting force

<i>at hitch points, at frame</i>	67.5 kN	71.6 kN
----------------------------------	---------	---------

