



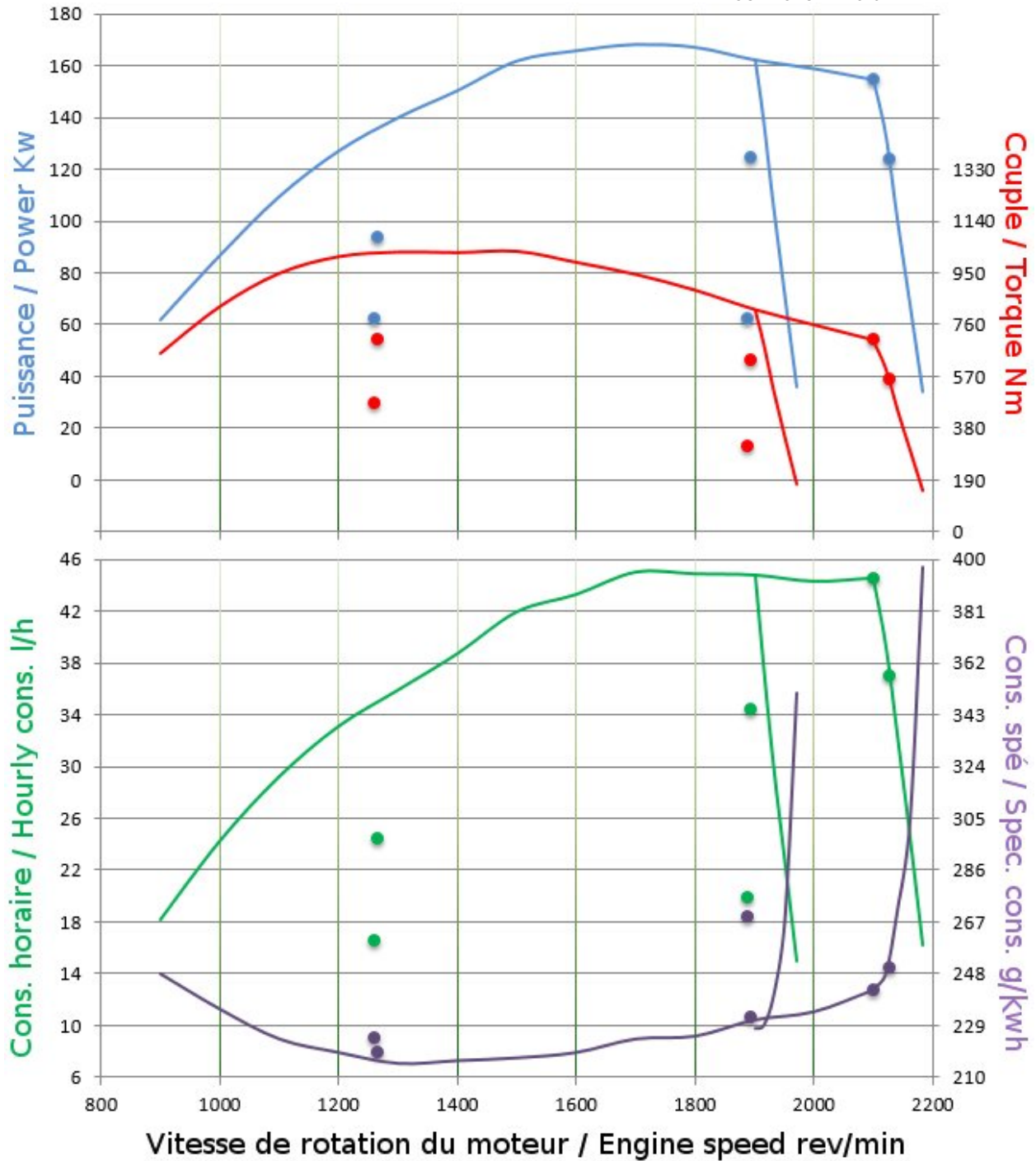
OECD approval number
OECD approval date
Make
Model
Type

Manufacturer:
Testing station:

2/2 823
 26/03/2014
Fendt
724 Vario SCR
4WD
 CVT - 50 km/h
 AGCO GmbH
 DLG – Germany

Fendt 724 Vario SCR
4 RM/WD

OCDE/OECD 2/2 823



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	Deutz	TCD6.1L6
<i>Type, Supercharging</i>	Direct injection	Yes
<i>Cylinders, Disposition</i>	6	vertical in line
<i>Capacity, Cooling</i>	6056 cm ³	Liquid
<i>Gear box</i>		CVT
<i>Number of forward and reverse speeds</i>	-	-
<i>Speed at rated engine speed</i>	from 0	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>		1104 min ⁻¹
<i>Diameter of the shaft</i>	Not	45 mm
<i>Number of splines</i>	Applicable	20

Power take-off Test

One hour test at maximum power

<i>Power, Engine and Power take-off speed</i>	168,4 kW	1700 min ⁻¹	894 min ⁻¹
<i>Hourly and specific consumption</i>		44,97 l/h	224 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	154,7 kW	2100 min ⁻¹	1104 min ⁻¹
<i>Hourly and specific consumption</i>		44,52 l/h	242 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	162,1 kW	1902 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		43,97 l/h	228 g/kWh

Torque rise

<u>Maximum torque, Engine speed corresponding</u>		1031,4 Nm	1500 min ⁻¹
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Drawbar Test

<i>Front tyres, Rear tyres</i>	540/65 R30	650/65 R42
<u>Test with tractor</u>	<u>unballasted</u>	<u>ballasted</u>
<i>Total Mass</i>	7595 kg	
<i>Maximum drawbar pull</i>	79,55 kN	
<i>at speed of</i>	5,02 km/h	Not
<i>Maximum power</i>	145,6 kW	Applicable
<i>at speed of</i>	15,21 km/h	

Hydraulic Performance and Power Lift Test

<i>Hydraulic system</i>			Closed centre
<u>At maximum hydraulic power</u>			
<i>Flow rate, Pressure, Power (couplers: 1 pair)</i>	94,4 l/min	16,4 MPa	25,8 kW
<i>Flow rate, Pressure, Power (couplers: 2 pairs or +)</i>	106,3 l/min	18,8 MPa	33,3 kW
<u>Maximum lifting force</u>			
<i>at the hitch points, at frame</i>		68,8 kN	63,1 kN