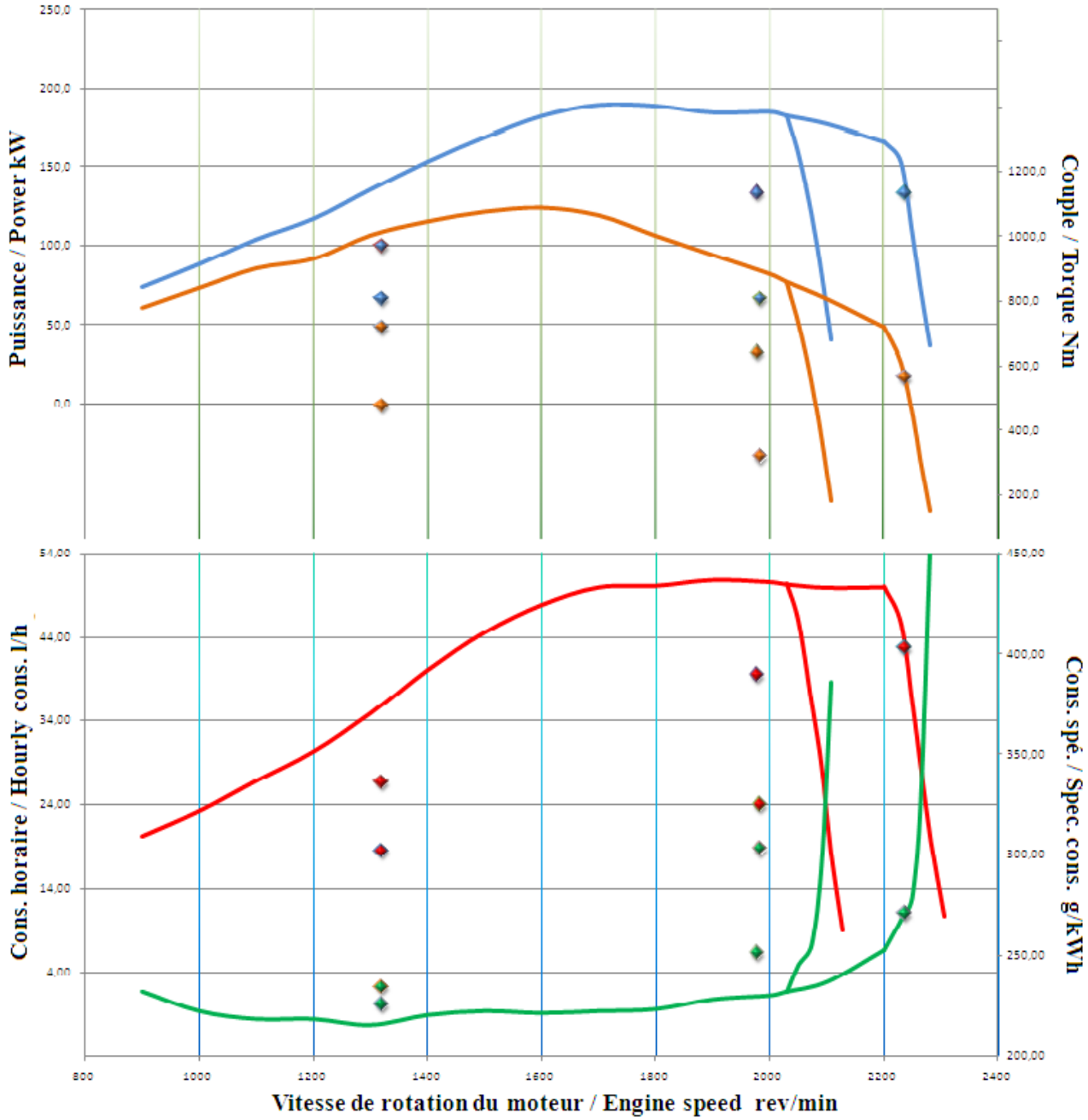
OECD approval number	**2/2 544**
OECD approval date	**04/03/2010**
Make	**Fendt**
Model	**927 Vario TMS, COM IIIa**
Type	**4 WD**
T 925 - continuously variable transmission - 60 km/h	
Manufacturer:	AGCO GmbH
Testing station:	DLG e.V., Gross-Umstadt, Germany

Fendt 927 Vario TMS, COM IIIa

4 RM/WD

OCDE/OECD 2/2 544



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Engine, Transmission, Power take-off Specifications

Make, Model	Deutz		TCD 2013L06 4V
Type, Supercharging	Direct injection		Yes
Cylinders, Disposition	6		vertical in line
Capacity, Cooling	7146 cm^3		Liquid
Gear box		continuously variable transmission	
Number of forward and reverse speeds		NA	NA
Speed at rated engine speed		from 0	to 60 km/h
Standard Power take-off speed		540 min^{-1}	1000 min^{-1}
Power take-off speed at rated engine speed		583 min^{-1}	1083 min^{-1}
Diameter of the shaft		44,45 mm	44,45 mm
Number of splines		6	6

Power take-off Test

One hour test at maximum power			
Power, Engine and Power take-off speed	189,5 kW	1700 min^{-1}	837 min^{-1}
Hourly and specific consumption		49,98 dm^3/h	222 g/kWh
Test at maximum power at rated engine speed			
Power, Engine and Power take-off speed	165,9 kW	2200 min^{-1}	1084 min^{-1}
Hourly and specific consumption		49,98 dm^3/h	253 g/kWh
Test at standard Power take-off speed			
Power, Engine and Power take-off speed	182,5 kW	2030 min^{-1}	1000 min^{-1}
Hourly and specific consumption		50,32 dm^3/h	232 g/kWh
Torque rise			33,8 %
Maximum torque, Engine speed corresponding		1088 Nm	1600 min^{-1}

Drawbar Test

Front tyres, Rear tyres		600/70 R 34	710/75 R 42
Test with tractor		unballasted	ballasted
Total Mass		10690 kg	
Maximum drawbar pull		109,03 kN	*Not*
at speed of		4,44 km/h	*required*
Maximum power		164,82 kW	
at speed of		12,44 km/h	

Hydraulic Performance and Power Lift Test

Hydraulic system			Closed
At maximum hydraulic power			
Flow rate, Pressure, Power (couplers: 1 pair)	103,2 l/min	17,7 MPa	30,4 kW
Flow rate, Pressure, Power (couplers: 2 pairs or +)	205,9 l/min	18,0 MPa	61,8 kW
Maximum lifting force			
at the hitch points, at frame		83,6 kN	78,6 kN

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