OECD approval number	**2/2 542**
OECD approval date	**02/03/2010**
Make	**Fendt**
Model	**930 Vario TMS, COM IIIa**
Type	**4 WD**
T 928 - continuously variable transmission - 60 km/h	
Manufacturer:	AGCO GmbH
Testing station:	DLG e.V., Gross-Umstadt, Germany

Fendt 930 Vario TMS, COM IIIa
4 RM/WD

OCDE/OECD 2/2 542

Puissance / Power kW

Couple / Torque Nm

Cons. horaire / Hourly cons. l/h

Cons. spé. / Spec. cons. g/kWh

Vitesse de rotation du moteur / Engine speed rev/min
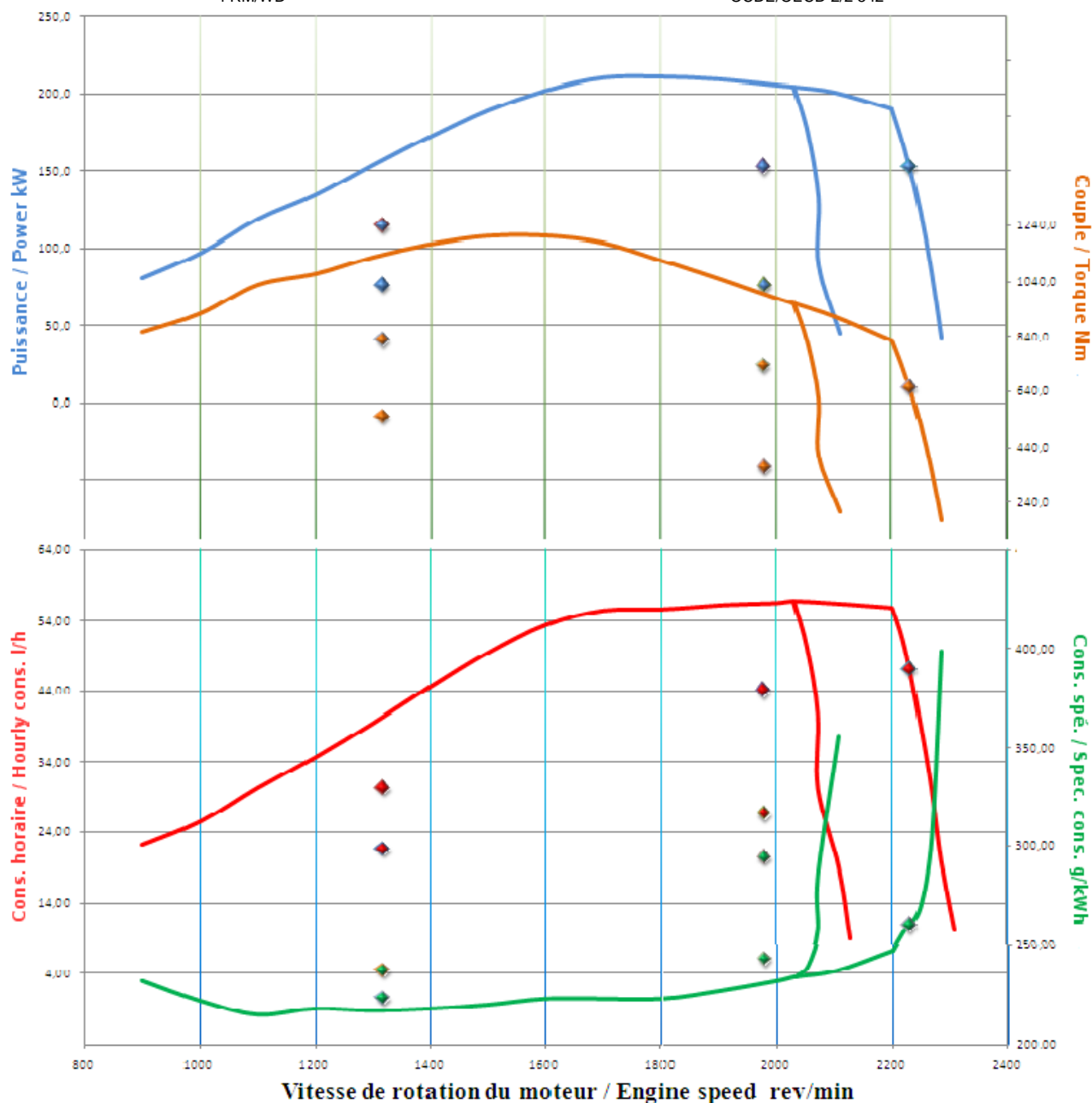
Engine, Transmission, Power take-off Specifications

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	Not Applicable	Not Applicable
Speed at rated engine speed	from 0	to 60 km/h
<u>Standard Power take-off speed</u>	<u>540 min^{-1}</u>	<u>1000 min^{-1}</u>
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

<u>One hour test at maximum power</u>

Power, Engine and Power take-off speed	210,6 kW	1800 min^{-1}	887 min^{-1}
Hourly and specific consumption	55,72 dm^3/h		223 g/kWh

<u>Test at maximum power at rated engine speed</u>

Power, Engine and Power take-off speed	190,3 kW	2200 min^{-1}	1084 min^{-1}
Hourly and specific consumption	55,96 dm^3/h		247 g/kWh

<u>Test at standard Power take-off speed</u>

Power, Engine and Power take-off speed	204,2 kW	2030 min^{-1}	1000 min^{-1}
Hourly and specific consumption	56,87 dm^3/h		234 g/kWh
<u>Torque rise</u>			45,9 %
<u>Maximum torque, Engine speed corresponding</u>		1205 Nm	1600 min^{-1}

Drawbar Test

Front tyres, Rear tyres	600/70 R 34	710/75 R 42
<u>Test with tractor</u>	<u>unballasted</u>	<u>ballasted</u>
Total Mass	10690 kg	
Maximum drawbar pull	108,7 kN	*Not*
at speed of	4,56 km/h	*required*
Maximum power	182,96 kW	
at speed of	13,54 km/h	

Hydraulic Performance and Power Lift Test

Hydraulic system			Closed

<u>At maximum hydraulic power</u>

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
<u>Maximum lifting force</u>			
at the hitch points, at frame	83,6 kN		78,6 kN