



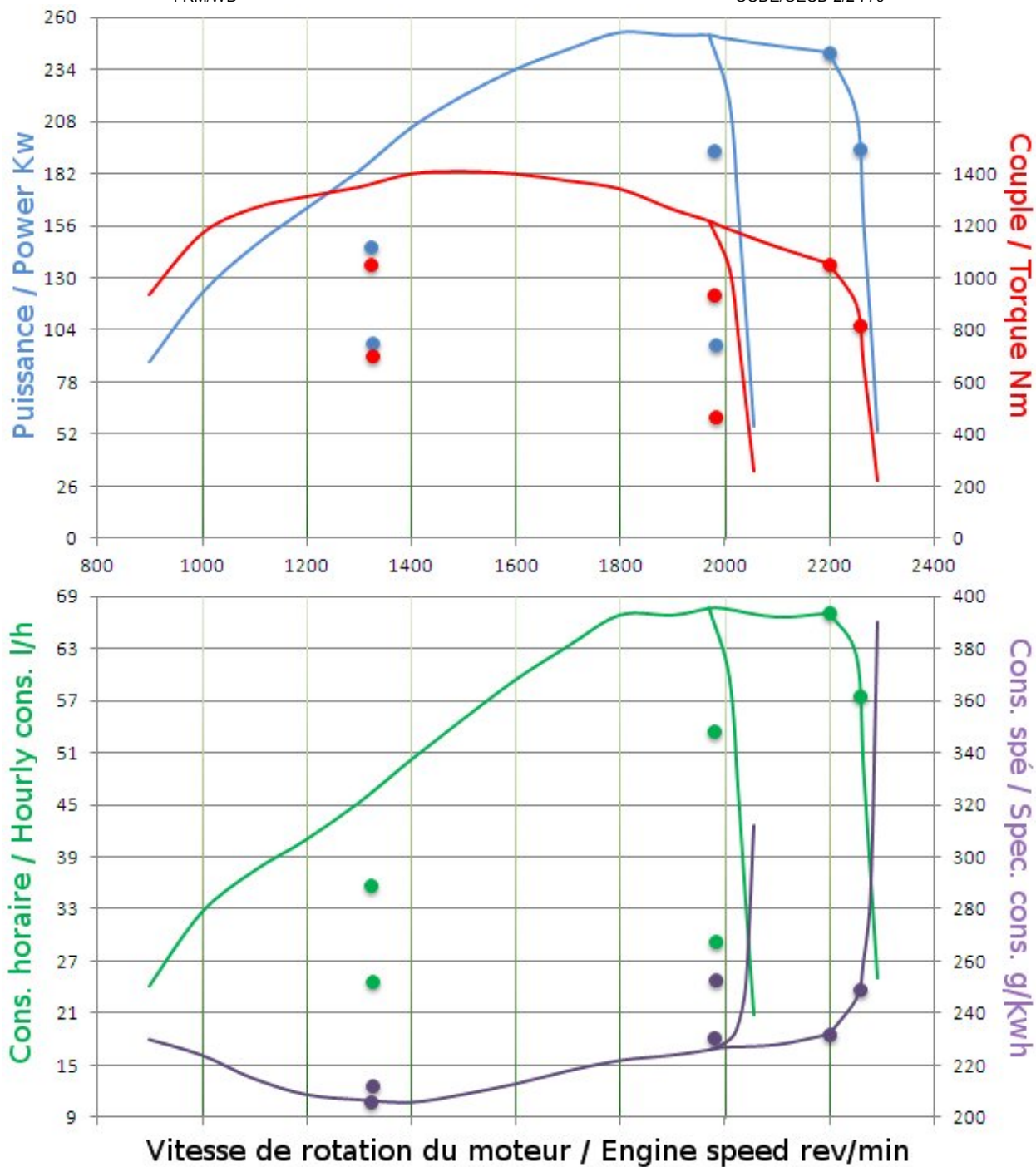
OECD approval number
OECD approval date
Make
Model
Type

Manufacturer:
Testing station:

2/2 779
08/08/2013
Fendt
936 Vario SCR
4WD
CVT - 60 km/h
AGCO GmbH
DLG – Germany

Fendt 936 Vario SCR
4 RM/WD

OCDE/OECD 2/2 779



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	Deutz	TCD 2013L064V
<i>Type, Supercharging</i>	Direct injection	Yes
<i>Cylinders, Disposition</i>	6	vertical in line
<i>Capacity, Cooling</i>	7750 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 60,00 km/h
<i>Standard Power take-off speed</i>	540 min ⁻¹	1000 min ⁻¹
<i>Power take-off speed at rated engine speed</i>		1117 min ⁻¹
<i>Diameter of the shaft</i>	Not	45 mm
<i>Number of splines</i>	Applicable	20

Power take-off TestOne hour test at maximum power

<i>Power, Engine and Power take-off speed</i>	252,43 kW	1800 min ⁻¹	914 min ⁻¹
<i>Hourly and specific consumption</i>		66,96 l/h	222 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	242,54 kW	2200 min ⁻¹	1117 min ⁻¹
<i>Hourly and specific consumption</i>		67,17 l/h	232 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	251,10 kW	1970 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		67,73 l/h	226 g/kWh

Torque rise

<i>Maximum torque, Engine speed corresponding</i>	1406,1 Nm		1500 min ⁻¹
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Drawbar Test

<i>Front tyres, Rear tyres</i>	650/65 R34	710/75 R42
<i>Test with tractor</i>	unballasted	ballasted
<i>Total Mass</i>	10990 kg	
<i>Maximum drawbar pull</i>	112,18 kN	
<i>at speed of</i>	4,30 km/h	Not
<i>Maximum power</i>	217,7 kW	Applicable
<i>at speed of</i>	13,73 km/h	

Hydraulic Performance and Power Lift Test

<i>Hydraulic system</i>			Closed centre
<i>At maximum hydraulic power</i>			
<i>Flow rate, Pressure, Power (couplers: 1 pair)</i>	135,0 l/min	15,1 MPa	34,0 kW
<i>Flow rate, Pressure, Power (couplers: 2 pairs or +)</i>	205,5 l/min	17,0 MPa	58,3 kW
<i>Maximum lifting force</i>			
<i>at the hitch points, at frame</i>		76,7 kN	78,5 kN