



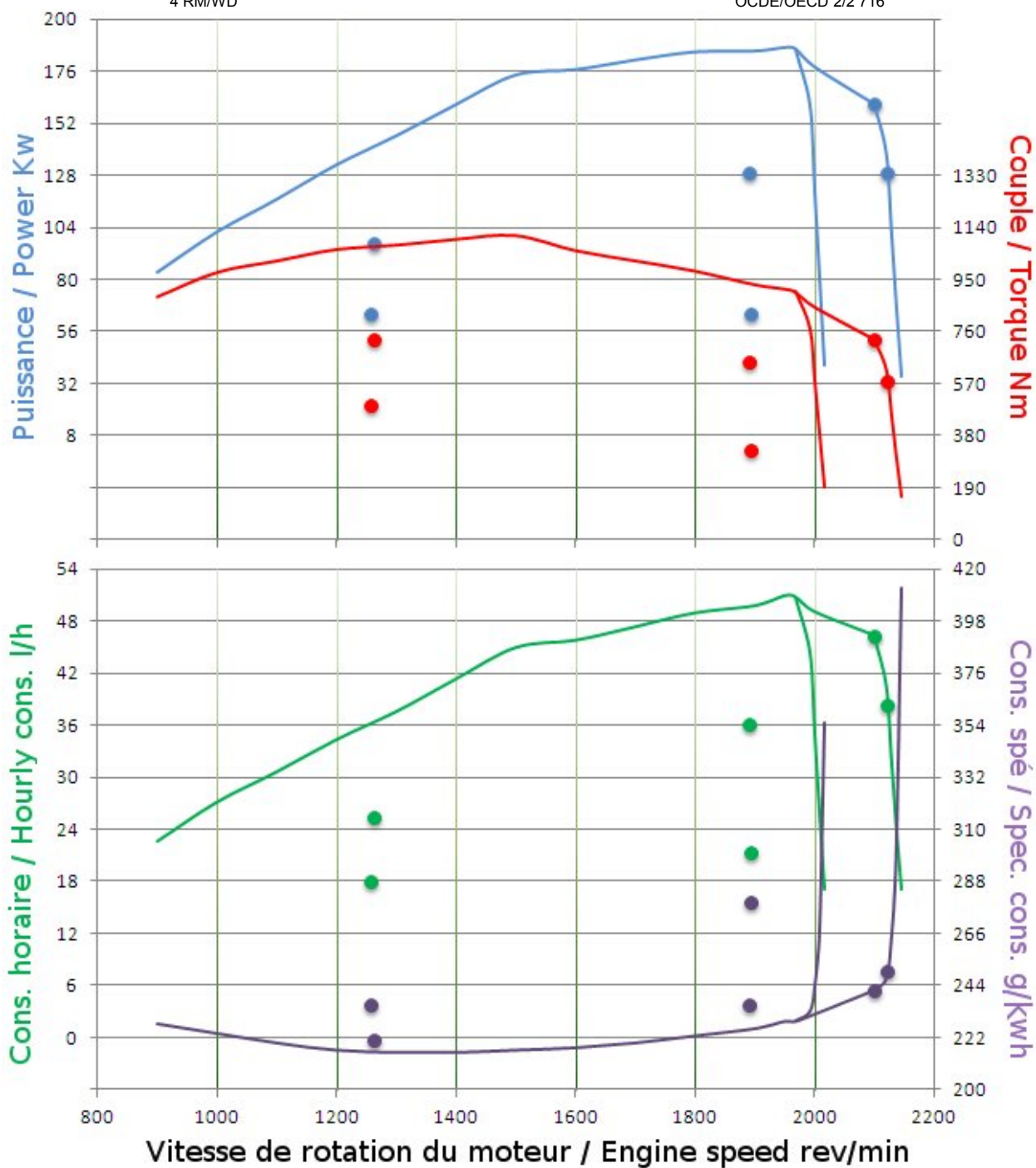
OECD approval number  
OECD approval date  
Make  
Model  
Type

Manufacturer:  
Testing station:

2/2 716  
18/10/2012  
Massey Ferguson  
8650  
4WD  
CVT - 40 km/h  
AGCO S.A.  
DLG e.V.  
Test Center Technology and Farm inputs

Massey Ferguson 8650  
4 RM/WD

OCDE/OECD 2/2 716



**Engine, Transmission, Power take-off Specifications**

<i>Make, Model</i>	Sisu	84.AWI.655
<i>Type, Supercharging</i>	Direct injection	Yes
<i>Cylinders, Disposition</i>	6	vertical in line
<i>Capacity, Cooling</i>	8419 cm <sup>3</sup>	Liquid
<i>Gear box</i>		CVT
<i>Number of forward and reverse speeds</i>	-	-
<i>Speed at rated engine speed</i>	from 0	to 40 km/h
<u>Standard Power take-off speed</u>	540 min <sup>-1</sup>	1000 min <sup>-1</sup>
<i>Power take-off speed at rated engine speed</i>		1067 min <sup>-1</sup>
<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>	186,99 kW	1950 min <sup>-1</sup>	991 min <sup>-1</sup>
<i>Hourly and specific consumption</i>		50,90 l/h	229 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	160,99 kW	2100 min <sup>-1</sup>	1067 min <sup>-1</sup>
<i>Hourly and specific consumption</i>		46,35 l/h	242 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	186,40 kW	1968 min <sup>-1</sup>	1000 min <sup>-1</sup>
<i>Hourly and specific consumption</i>		50,76 l/h	229 g/kWh

Torque rise

<u>Maximum torque, Engine speed corresponding</u>	1110,24 Nm	1500 min <sup>-1</sup>
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**Drawbar Test**

<i>Front tyres, Rear tyres</i>	600/65R34	710/75R42
<u>Test with tractor</u>	<u>unballasted</u>	<u>ballasted</u>
<i>Total Mass</i>	11430 kg	
<i>Maximum drawbar pull</i>	116,02 kN	
<i>at speed of</i>	3,55 km/h	Not
<i>Maximum power</i>	154,7 kW	Applicable
<i>at speed of</i>	6,86 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>	103,2 l/min	15,8 MPa	27,2 kW
<i>Flow rate, Pressure, Power (couplers: 2 pairs or +)</i>	143,6 l/min	16,4 MPa	39,3 kW
<u>Maximum lifting force</u>			
<i>at the hitch points, at frame</i>		83,9 kN	79,4 kN