



OECD approval number  
OECD approval date  
Make  
Model  
Type

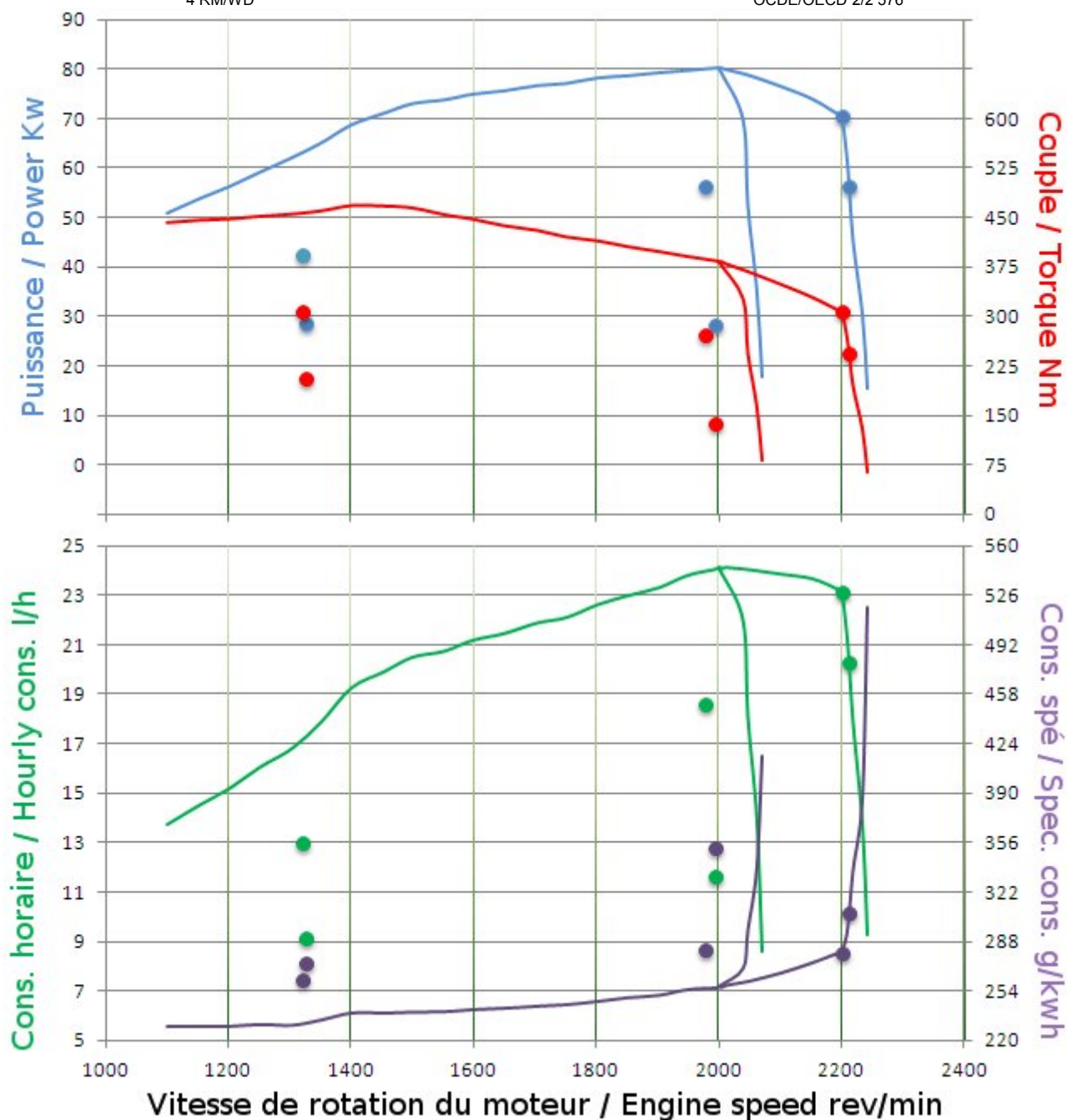
Manufacturer:  
Testing station:

2/2 576  
29/09/2010  
Massey Ferguson  
6455  
4 WD

Mechanical - 40 km/h  
AGCO S.A.  
CEMAGREF - Antony, France

Massey Ferguson 6455  
4 RM/WD

OCDE/OECD 2/2 576



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

<i>Make, Model</i>	Perkins	1104D-E44TA (3263/2200)	
<i>Type, Supercharging</i>	Direct Injection		Yes
<i>Cylinders, Disposition</i>	4		vertical in line
<i>Capacity, Cooling</i>	4400 cm <sup>3</sup>		Liquid
<i>Gear box</i>			Mechanical
<i>Number of forward and reverse speeds</i>		24	24
<i>Speed at rated engine speed</i>		from 1,68	to 40 km/h
<i>Standard Power take-off speed</i>		540 min <sup>-1</sup>	1000 min <sup>-1</sup>
<i>Power take-off speed at rated engine speed</i>		601 min <sup>-1</sup>	1100 min <sup>-1</sup>
<i>Diameter of the shaft</i>		34,9 mm	34,9 mm
<i>Number of splines</i>		6	21

**Power take-off Test**One hour test at maximum power

<i>Power, Engine and Power take-off speed</i>	80,1 kW	2000 min <sup>-1</sup>	1000 min <sup>-1</sup>
<i>Hourly and specific consumption</i>		24,11 l/h	257 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	70,5 kW	2200 min <sup>-1</sup>	1100 min <sup>-1</sup>
<i>Hourly and specific consumption</i>		23,09 l/h	280 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	80,1 kW	2000 min <sup>-1</sup>	1000 min <sup>-1</sup>
<i>Hourly and specific consumption</i>		24,11 l/h	257 g/kWh

Torque rise

<i>Maximum torque, Engine speed corresponding</i>		467,9 Nm	1400 min <sup>-1</sup>
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**Drawbar Test**

<i>Front tyres, Rear tyres</i>	14.9 R28	18.4 R38
<i>Test with tractor</i>	<u>unballasted</u>	<u>ballasted</u>
<i>Total Mass</i>	4940 kg	
<i>Maximum drawbar pull</i>	45,0 kN	
<i>at speed of</i>	1,77 km/h	Not
<i>Maximum power</i>	66,2 kW	Applicable
<i>at speed of</i>	8,06 km/h	

**Hydraulic Performance and Power Lift Test**

<i>Hydraulic system</i>			Open centre
<i>At maximum hydraulic power</i>			
<i>Flow rate, Pressure, Power (couplers: 1 pair)</i>	55,2 l/min	15,1 MPa	13,9 kW
<i>Flow rate, Pressure, Power (couplers: 2 pairs or +)</i>	54,6 l/min	14,7 MPa	13,4 kW
<i>Maximum lifting force</i>			
<i>at the hitch points, at frame</i>		46,2 kN	37,8 kN