



OECD approval number

2/2 304

Restricted Code

OECD approval date

09/01/2006

Make

Massey Ferguson

Model

6455

Type

2 WD

D36521AS513A - 40 km/h

Manufacturer

AGCO S.A.

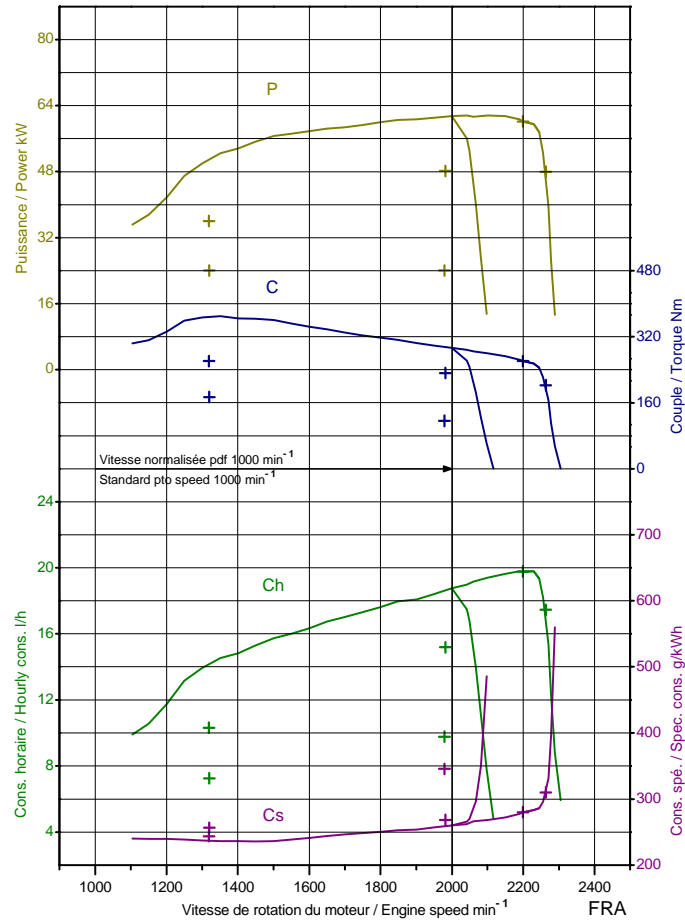
Testing station:

Cemagref, Antony, France

Massey Ferguson 6455

2 RMWD

OCDE/OECD 2/2304



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	Perkins	1104C-44T (2359/2200)	
<i>Type, Supercharging</i>	Direct injection	Yes	
<i>Cylinders, Disposition</i>	4	vertical in line	
<i>Capacity, Cooling</i>	4400 cm ³	Liquid	
<i>Gear box</i>		Mechanical	
<i>Number of forward and reverse speeds</i>		32	32
<i>Speed at rated engine speed</i>		from 2.11	to 38.70 km/h
<u>Standard Power take-off speed</u>		<u>540 min⁻¹</u>	<u>1000 min⁻¹</u>
<i>Power take-off speed at rated engine speed</i>		601 min ⁻¹	1100 min ⁻¹
<i>Diameter of the shaft</i>		34.9 mm	34.9 mm
<i>Number of splines</i>		6	21

Power take-off TestTwo hours test at maximum power

<i>Power, Engine and Power take-off speed</i>	61.7 kW	2041 min ⁻¹	1020 min ⁻¹
<i>Hourly and specific consumption</i>		18.98 l/h	262 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	60.2 kW	2199 min ⁻¹	1100 min ⁻¹
<i>Hourly and specific consumption</i>		19.79 l/h	280 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	61.4 kW	2000 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		18.77 l/h	260 g/kWh

Torque rise

<u>Maximum torque, Engine speed corresponding</u>		370.5 Nm	1351 min ⁻¹
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Drawbar Test

<i>Front tyres, Rear tyres</i>	10.00 - 16	18.4 R 38
<u>Test with tractor</u>	<u>unballasted</u>	<u>ballasted</u>
<i>Total Mass</i>	4400 kg	
<i>Maximum drawbar pull</i>	37.3 kN	Not
<i>at speed of</i>	1.90 km/h	required
<i>Maximum power</i>	52.9 kW	in
<i>at speed of</i>	6.93 km/h	Code 2

Hydraulic Performance and Power Lift Test

<i>Hydraulic system</i>		Opened centre	
<u>At maximum hydraulic power</u>			
<i>Flow rate, Pressure, Power</i>	53.0 l/min	16.5 MPa	14.5 kW
<u>Maximum lifting force</u>			
<i>at hitch points, at frame</i>		34.7 kN	29.0 kN

