



OECD approval number

2/2 303

OECD approval date

Restricted Code

09/01/2006

Make

Massey Ferguson

Model

6455

Type

4 WD

D36522AS513A - 40 km/h

Manufacturer

AGCO S.A.

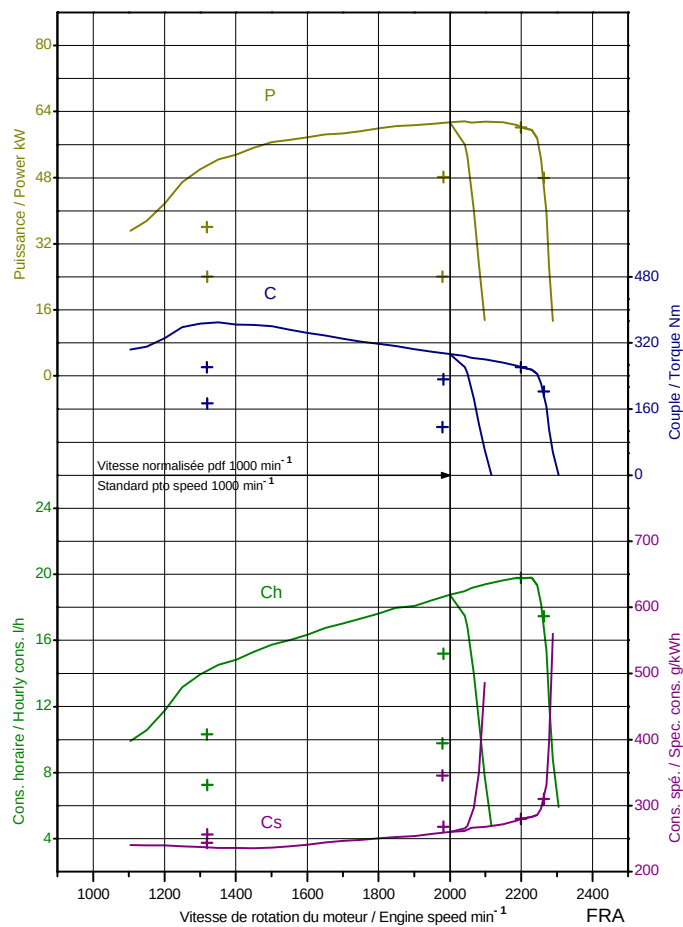
Testing station:

Cemagref, Antony, France

Massey Ferguson 6455

4 RM/WD

OCDE/OECD 2/2303



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
<i>Standard Power take-off speed</i>		540 min ⁻¹	1000 min ⁻¹
<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

<i>Maximum torque, Engine speed corresponding</i>		370.5 Nm	41.8 %
			1351 min ⁻¹

Drawbar Test*Front tyres, Rear tyres*

<i>Test with tractor</i>		14.9 R 28	18.4 R 38
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Total Mass

		<u>unballasted</u>	<u>ballasted</u>
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Maximum drawbar pull

		4985 kg	
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at speed of

		44.3 kN	Not
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Maximum power

		2.21 km/h	required
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at speed of

		53.0 kW	in
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at hitch points, at frame

		7.05 km/h	Code 2
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Hydraulic Performance and Power Lift Test*Hydraulic system*

			Opened centre
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At maximum hydraulic power

<i>Flow rate, Pressure, Power</i>	53.0 l/min	16.5 MPa	14.5 kW
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Maximum lifting force

		34.7 kN	29.0 kN
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