



OECD approval number

2/2 302

Restricted Code

OECD approval date

06/01/2006

Make

Massey Ferguson

Model

6445

Type

2 WD

D35521AS513A - 40 km/h

Manufacturer

AGCO S.A.

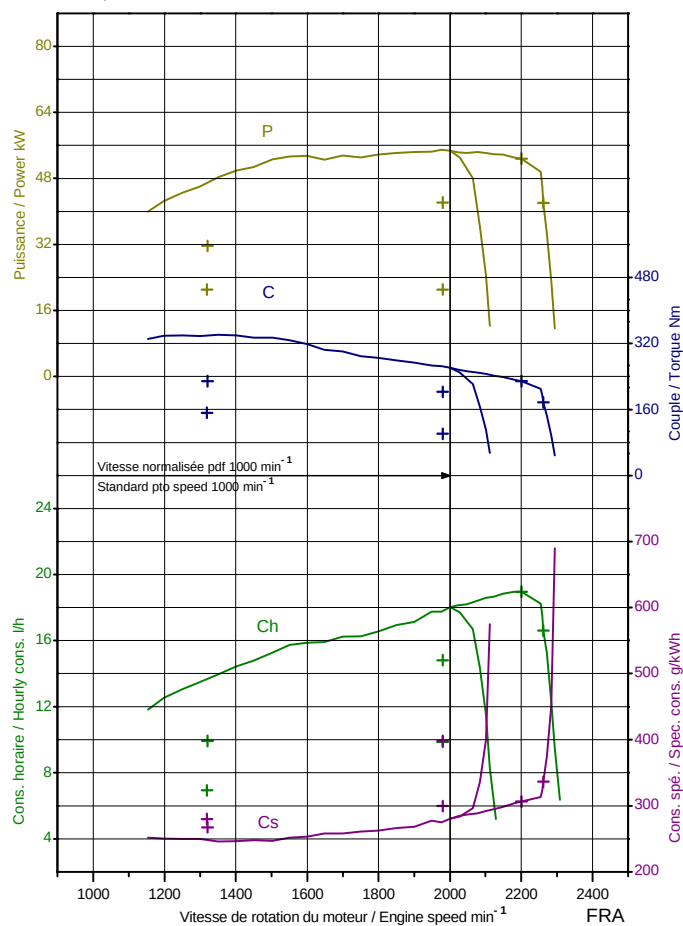
Testing station:

Cemagref, Antony, France

Massey Ferguson 6445

2 RM/WD

OCDE/OECD 2/2302



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	Perkins	1104C-44T (2165/2200)
<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>	54.9 kW	1977 min ⁻¹	987 min ⁻¹
<i>Hourly and specific consumption</i>		17.74 l/h	275 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	52.7 kW	2201 min ⁻¹	1101 min ⁻¹
<i>Hourly and specific consumption</i>		18.97 l/h	306 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	54.7 kW	2001 min ⁻¹	1001 min ⁻¹
<i>Hourly and specific consumption</i>		18.03 l/h	280 g/kWh

Torque rise

<i>Maximum torque, Engine speed corresponding</i>		341.3 Nm	1350 min ⁻¹
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Drawbar Test*Front tyres, Rear tyres*

<u>Test with tractor</u>		<u>unballasted</u>	<u>ballasted</u>
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Total Mass

		4400 kg	
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Maximum drawbar pull

		35.1 kN	Not
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at speed of

		2.61 km/h	required
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Maximum power

		46.0 kW	in
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at speed of

		6.96 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

<i>at hitch points, at frame</i>		34.7 kN	29.0 kN
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