



OECD approval number

OECD approval date

Make

Model

Type

Manufacturer:

Testing station:

2/2 824

07/04/2014

Massey Ferguson

5613

4WD

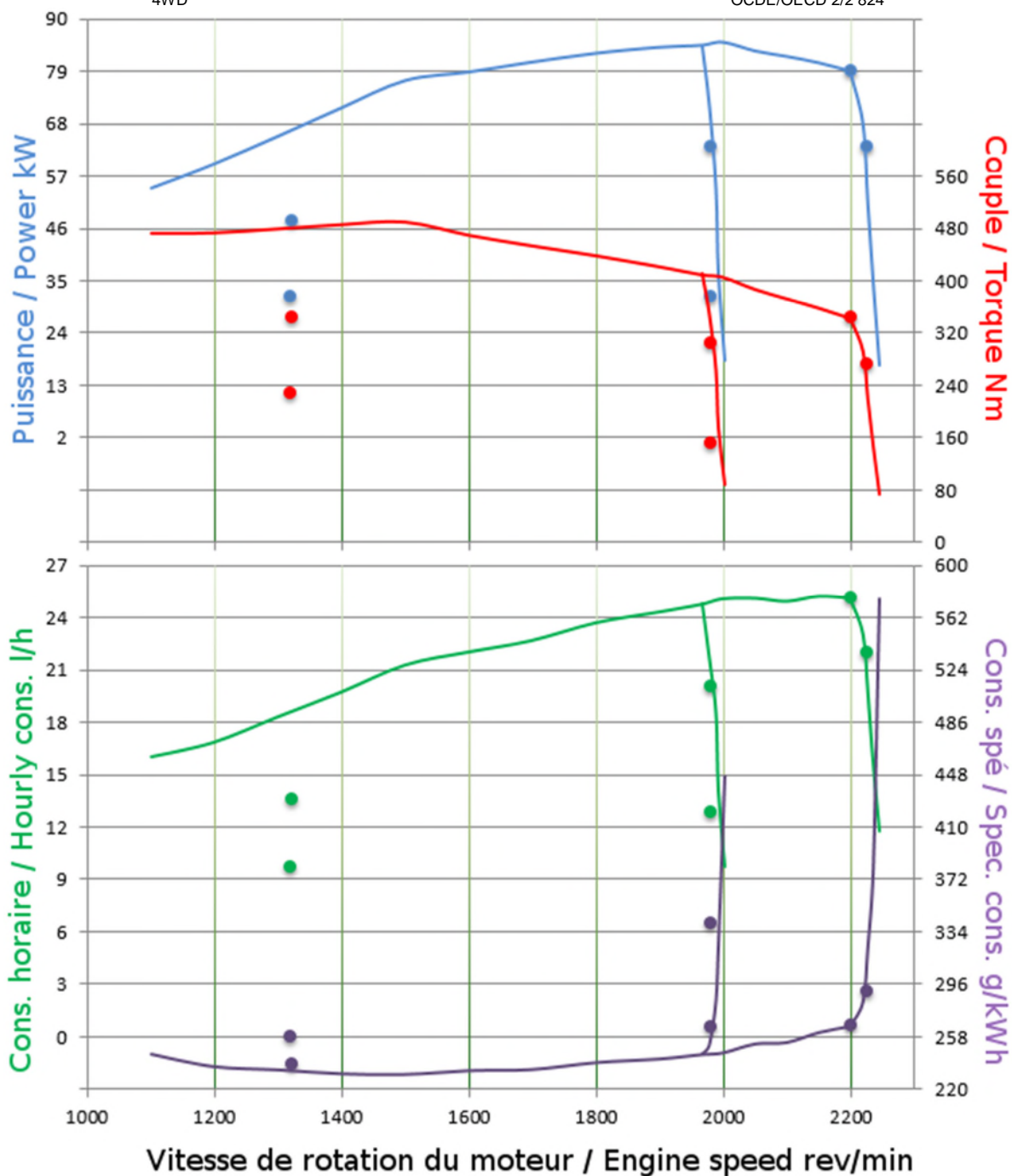
Mechanical synchromesh - 40 km/h

AGCO S.A

IRSTEA - France

Massey Ferguson 5613
4WD

OCDE/OECD 2/2 824



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	AGCO POWER	44 AWIC 904
<i>Type, Supercharging</i>	Direct injection	Yes
<i>Cylinders, Disposition</i>	4	vertical in line
<i>Capacity, Cooling</i>	4397 cm ³	Liquid
<i>Gear box</i>		Mechanical synchromesh
<i>Number of forward and reverse speeds</i>	16	16
<i>Speed at rated engine speed</i>	from 2,13	to 43,62 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>	618 min ⁻¹	1122 min ⁻¹
<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>	85,0 kW	2000 min ⁻¹	1017 min ⁻¹
<i>Hourly and specific consumption</i>		25,07 l/h	247 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	79,0 kW	2200 min ⁻¹	1119 min ⁻¹
<i>Hourly and specific consumption</i>		25,11 l/h	266 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	84,4 kW	1966 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		24,75 l/h	245 g/kWh

Torque rise

<i>Maximum torque, Engine speed corresponding</i>		490,4 Nm	1500 min ⁻¹
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Drawbar Test*Front tyres, Rear tyres*

380/70 R28 520/70 R38

Test with tractorunballastedballasted*Total Mass*

5020 kg

Maximum drawbar pull

45,5 kN

at speed of

2,31 km/h

Not

Maximum power

73,0 kW

Applicable

at speed of

9,28 km/h

Hydraulic Performance and Power Lift Test*Hydraulic system*

Open centre

At maximum hydraulic power

<i>Flow rate, Pressure, Power (couplers: 1 pair)</i>	94,8 l/min	13,1 MPa	20,8 kW
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<i>Flow rate, Pressure, Power (couplers: 2 pairs or +)</i>	100,5 l/min	14,8 MPa	24,8 kW
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Maximum lifting force

<i>at the hitch points, at frame</i>		45,6 kN	42,0 kN
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