



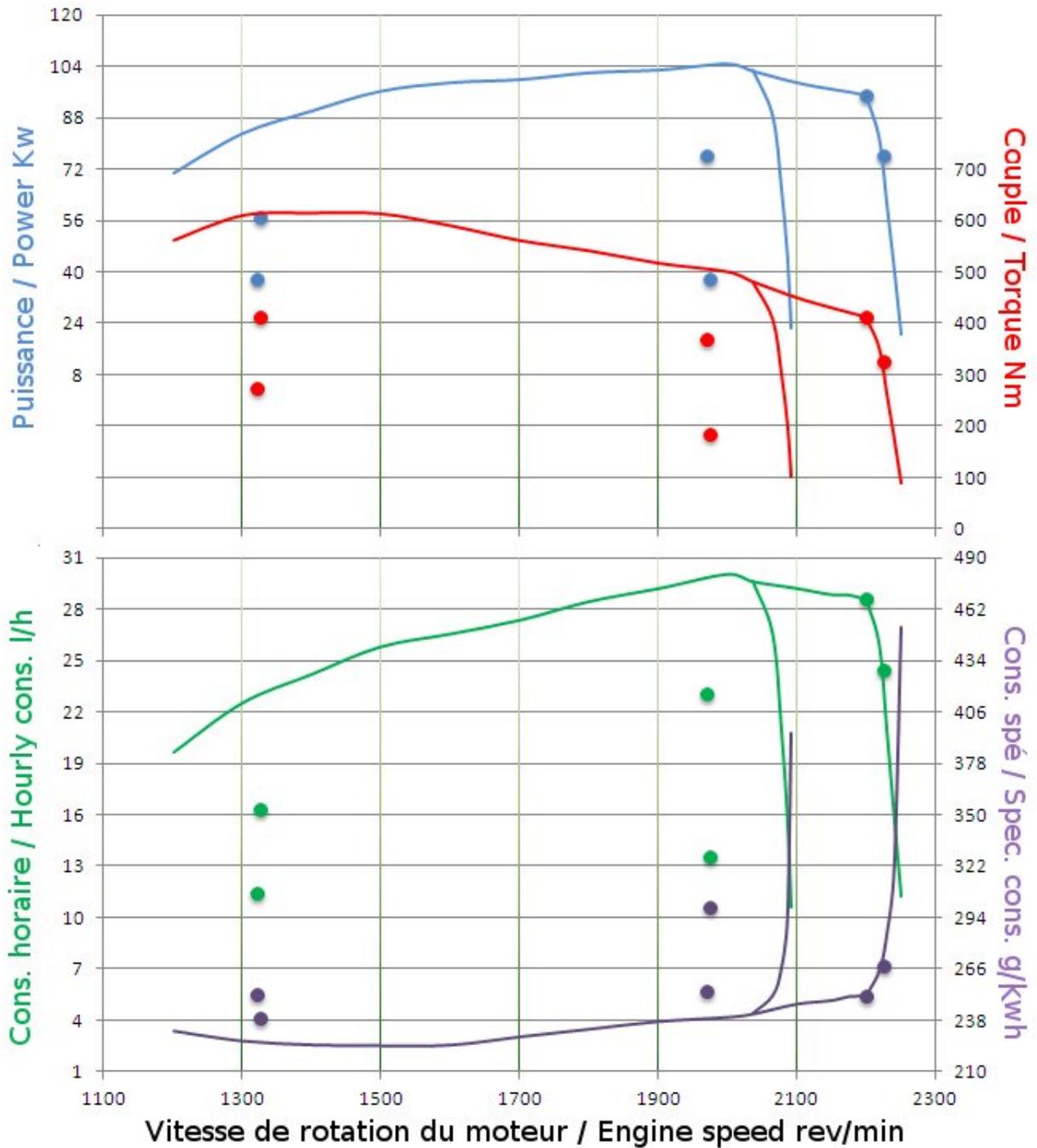
OECD approval number
OECD approval date
Make
Model
Type

Manufacturer:
Testing station:

2/2 792
 08/11/2013
MASSEY FERGUSON
6616
4WD
 Dyna VT - 40 km/h
 AGCO S.A.
 IRSTEA – France

MASSEY FERGUSON 6616
 4 RM/WD

OCDE/OECD 2/2 792



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	AGCO POWER		49 AWI 893
<i>Type, Supercharging</i>	Direct injection		Yes
<i>Cylinders, Disposition</i>	4		vertical in line
<i>Capacity, Cooling</i>	4910 cm ³		Liquid
<i>Gear box</i>			Dyna VT
<i>Number of forward and reverse speeds</i>		-	-
<i>Speed at rated engine speed</i>		from 0	to 40,00 km/h
<u>Standard Power take-off speed</u>		540 min ⁻¹	1000 min ⁻¹
<i>Power take-off speed at rated engine speed</i>		576 min ⁻¹	1084 min ⁻¹
<i>Diameter of the shaft</i>		34,9 mm	34,9 mm
<i>Number of splines</i>		6	21

Power take-off TestOne hour test at maximum power

<i>Power, Engine and Power take-off speed</i>	104,9 kW	2000 min ⁻¹	982 min ⁻¹
<i>Hourly and specific consumption</i>		30,06 l/h	240 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	95,1 kW	2200 min ⁻¹	1080 min ⁻¹
<i>Hourly and specific consumption</i>		28,59 l/h	251 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	102,7 kW	2037 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		29,64 l/h	241 g/kWh

Torque rise

<u>Maximum torque, Engine speed corresponding</u>		615,0 Nm	1400 min ⁻¹
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Drawbar Test

<i>Front tyres, Rear tyres</i>	480/70 R28		580/70 R38
<u>Test with tractor</u>	<u>unballasted</u>		<u>ballasted</u>
<i>Total Mass</i>	7150 kg		
<i>Maximum drawbar pull</i>	62,3 kN		
<i>at speed of</i>	3,60 km/h		Not
<i>Maximum power</i>	81,5 kW		Applicable
<i>at speed of</i>	7,85 km/h		

Hydraulic Performance and Power Lift Test

<i>Hydraulic system</i>			Closed centre
<u>At maximum hydraulic power</u>			
<i>Flow rate, Pressure, Power (couplers: 1 pair)</i>	106,2 l/min	13,3 MPa	23,6 kW
<i>Flow rate, Pressure, Power (couplers: 2 pairs or +)</i>	110,2 l/min	16,0 MPa	29,4 kW
<u>Maximum lifting force</u>			
<i>at the hitch points, at frame</i>		57,5 kN	52,3 kN