



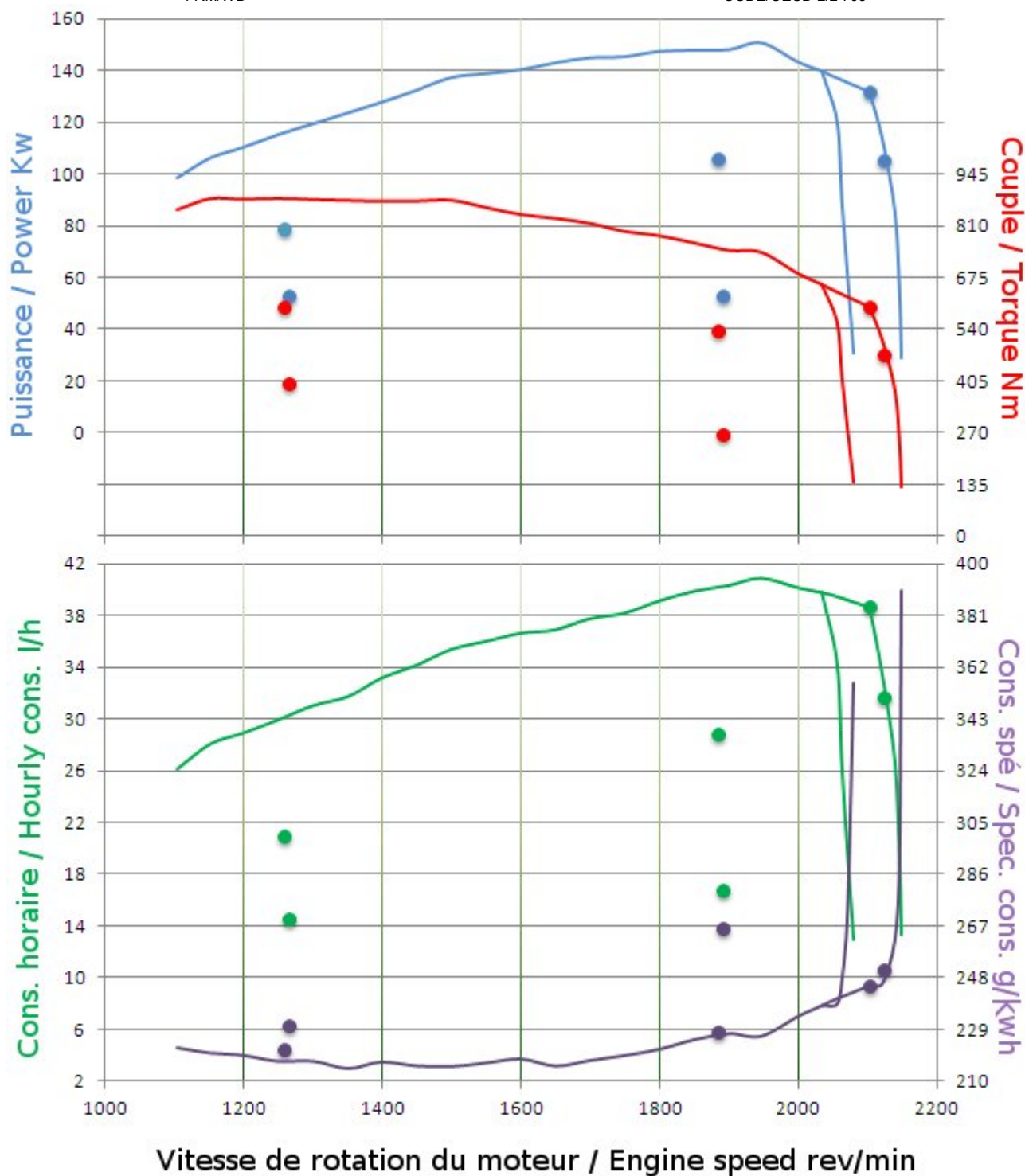
OECD approval number
OECD approval date
Make
Model
Type

Manufacturer:
Testing station:

2/2 705
25/07/2012
Massey Ferguson
7622
4 WD
Hydrostatic variable - 40 km/h
AGCO S.A.
IRSTEA – Paris, France

Massey Ferguson 7622
4 RM/WD

OCDE/OECD 2/2 705



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	SISU AGCO POWER inc	66 AWI 699
<i>Type, Supercharging</i>	Direct injection	Yes
<i>Cylinders, Disposition</i>	6	vertical in line
<i>Capacity, Cooling</i>	6596 cm ³	Liquid
<i>Gear box</i>		Hydrostatic variable
<i>Number of forward and reverse speeds</i>	-	-
<i>Speed at rated engine speed</i>	from 0	to 40 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>	594 min ⁻¹	1032 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

<u>One hour test at maximum power</u>			
<i>Power, Engine and Power take-off speed</i>	150,9 kW	1946 min ⁻¹	957 min ⁻¹
<i>Hourly and specific consumption</i>		40,91 l/h	227 g/kWh
<u>Test at maximum power at rated engine speed</u>			
<i>Power, Engine and Power take-off speed</i>	131,8 kW	2102 min ⁻¹	1033 min ⁻¹
<i>Hourly and specific consumption</i>		38,66 l/h	244 g/kWh
<u>Test at standard Power take-off speed</u>			
<i>Power, Engine and Power take-off speed</i>	139,8 kW	2034 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		39,79 l/h	238 g/kWh
<i>Torque rise</i>			46,97 %
<u>Maximum torque, Engine speed corresponding</u>		880,2 Nm	1249 min ⁻¹

Drawbar Test

<i>Front tyres, Rear tyres</i>	540/65R30	650/65R38
<u>Test with tractor</u>	<u>unballasted</u>	<u>ballasted</u>
<i>Total Mass</i>	8390 kg	
<i>Maximum drawbar pull</i>	75,8 kN	Not
<i>at speed of</i>	4,00 km/h	Applicable
<i>Maximum power</i>	119,3 kW	
<i>at speed of</i>	11,98 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>	104,7 l/min	13,4 MPa	23,4 kW
<i>Flow rate, Pressure, Power (couplers: 2 pairs or +)</i>	110,5 l/min	15,5 MPa	28,5 kW
<u>Maximum lifting force</u>			
<i>at the hitch points, at frame</i>		65,1 kN	61,0 kN