



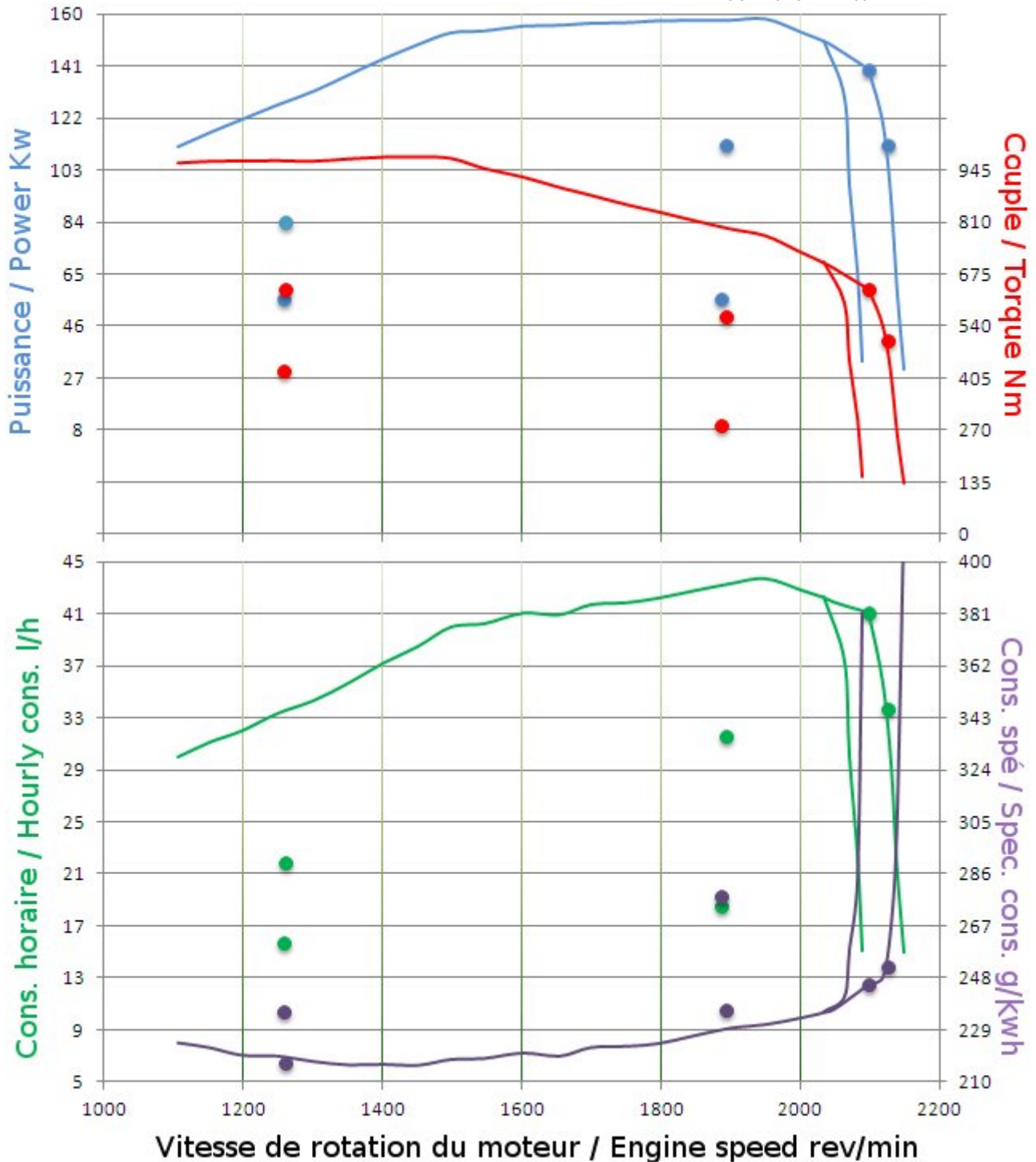
**OECD approval number**  
**OECD approval date**  
**Make**  
**Model**  
**Type**

2/2 706  
 25/07/2012  
**Massey Ferguson**  
**7624**  
**4 WD**  
 Hydrostatic variable - 40 km/h  
 AGCO S.A.  
 IRSTEA – Paris, France

*Manufacturer:*  
*Testing station:*

Massey Ferguson 7624  
4 RM/WD

OCDE/OECD 2/2 706



## Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	SISU AGCO POWER inc	74 AWI 690
<i>Type, Supercharging</i>	Direct injection	Yes
<i>Cylinders, Disposition</i>	6	vertical in line
<i>Capacity, Cooling</i>	7365 cm <sup>3</sup>	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
<u>Standard Power take-off speed</u>	540 min <sup>-1</sup>	1000 min <sup>-1</sup>
<i>Power take-off speed at rated engine speed</i>	594 min <sup>-1</sup>	1032 min <sup>-1</sup>
<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>	158,1 kW	1950 min <sup>-1</sup>	958 min <sup>-1</sup>
<i>Hourly and specific consumption</i>		43,72 l/h	231 g/kWh
<u>Test at maximum power at rated engine speed</u>			
<i>Power, Engine and Power take-off speed</i>	139,8 kW	2098 min <sup>-1</sup>	1031 min <sup>-1</sup>
<i>Hourly and specific consumption</i>		41,10 l/h	246 g/kWh
<u>Test at standard Power take-off speed</u>			
<i>Power, Engine and Power take-off speed</i>	150,0 kW	2034 min <sup>-1</sup>	1000 min <sup>-1</sup>
<i>Hourly and specific consumption</i>		42,25 l/h	236 g/kWh
<u>Torque rise</u>			53,96 %
<u>Maximum torque, Engine speed corresponding</u>		979,5 Nm	1451 min <sup>-1</sup>

### Drawbar Test

<i>Front tyres, Rear tyres</i>	480/70R30	460/85R38
<u>Test with tractor</u>	<u>unballasted</u>	<u>ballasted</u>
<i>Total Mass</i>	8480 kg	
<i>Maximum drawbar pull at speed of</i>	76,4 kN 2,73 km/h	<i>Not Applicable</i>
<i>Maximum power at speed of</i>	125,2 kW 8,78 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>	103,0 l/min	13,4 MPa	23,1 kW
<i>Flow rate, Pressure, Power (couplers: 2 pairs or +)</i>	101,9 l/min	15,9 MPa	27,0 kW
<u>Maximum lifting force at the hitch points, at frame</u>		65,0 kN	63,7 kN