



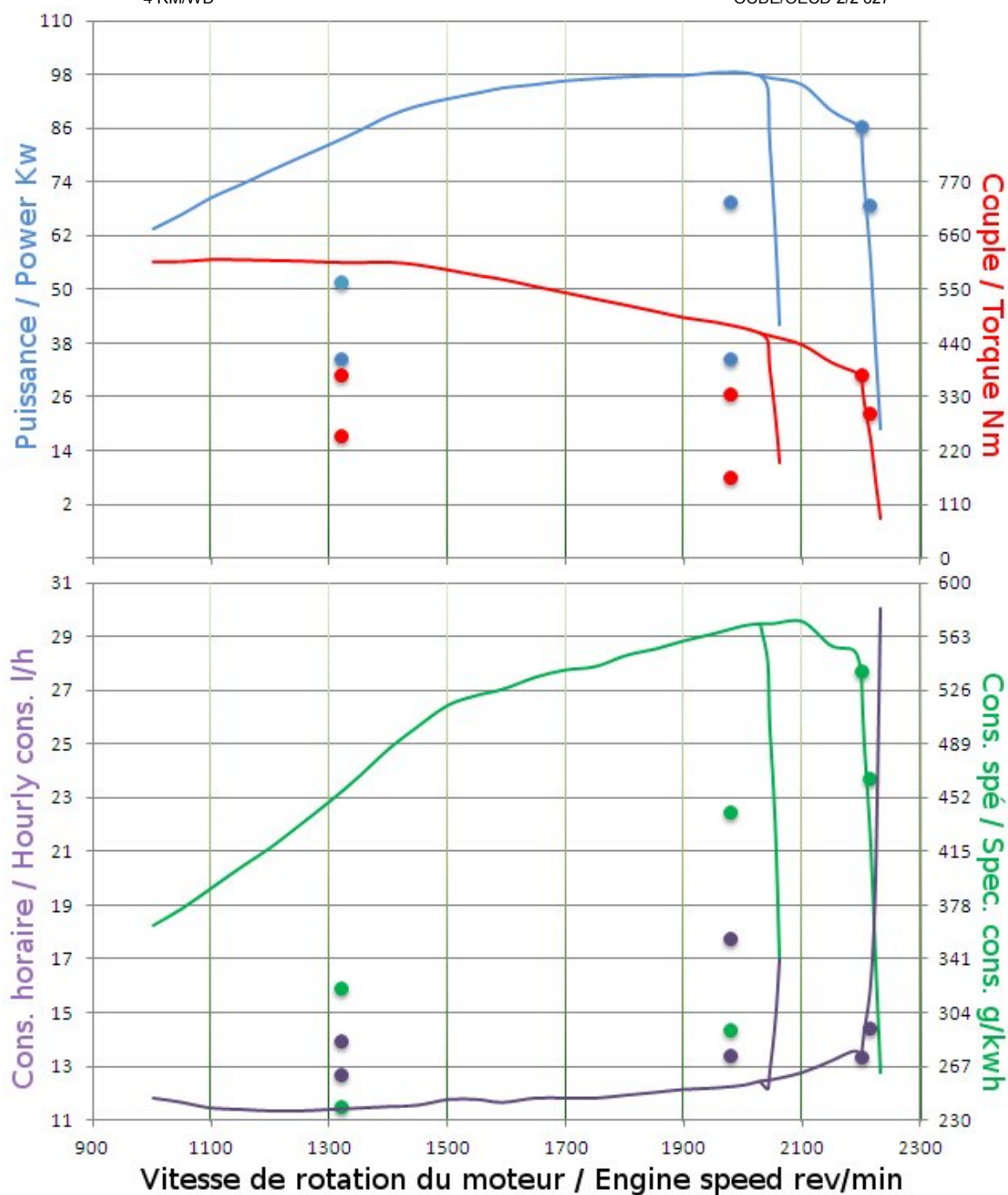
OECD approval number
OECD approval date
Make
Model
Type

Manufacturer:
Testing station:

2/2 627
31/08/2011
Massey Ferguson
5475
4WD
mechanical, synchromesh- 40 km/h
AGCO S.A.
CEMAGREF, Antony, France

Massey Ferguson 5475
4 RM/WD

OCDE/OECD 2/2 627



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	SISU AGCO POWER Inc.	66.632 CTA-4V
<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>		Mechanical, synchromesh
<i>Number of forward and reverse speeds</i>	16	16
<i>Speed at rated engine speed</i>	from 1,97	to 40,45 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>	601 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 Test

One hour test at maximum power

<i>Power, Engine and Power take-off speed</i>	98,6 kW	2000 min ⁻¹	985 min ⁻¹
<i>Hourly and specific consumption</i>		29,40 l/h	254 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	86,3 kW	2200 min ⁻¹	1084 min ⁻¹
<i>Hourly and specific consumption</i>		27,73 l/h	274 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	97,8 kW	2030 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		29,48 l/h	257 g/kWh

Torque rise

<i>Maximum torque, Engine speed corresponding</i>	611,3 Nm	1100 min ⁻¹
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Drawbar Test

<i>Front tyres, Rear tyres</i>	380/85 R28	460/85 R38
<i>Test with tractor</i>	<u>unballasted</u>	<u>ballasted</u>
<i>Total Mass</i>	5700 kg	
<i>Maximum drawbar pull</i>	52.3 kN	
<i>at speed of</i>	1,74 km/h	<i>Not</i>
<i>Maximum power</i>	85,5 kW	<i>Applicable</i>
<i>at speed of</i>	8,6 km/h	

Hydraulic Performance and Power Lift Test

<i>Hydraulic system</i>			Closed center
<i>At maximum hydraulic power</i>			
<i>Flow rate, Pressure, Power (couplers: 1 pair)</i>	97,4 l/min	13,2 MPa	21,4 kW
<i>Flow rate, Pressure, Power (couplers: 2 pairs or +)</i>	98,5 l/min	15,3 MPa	25,1 kW
<i>Maximum lifting force</i>			
<i>at the hitch points, at frame</i>		45,4 kN	40 kN