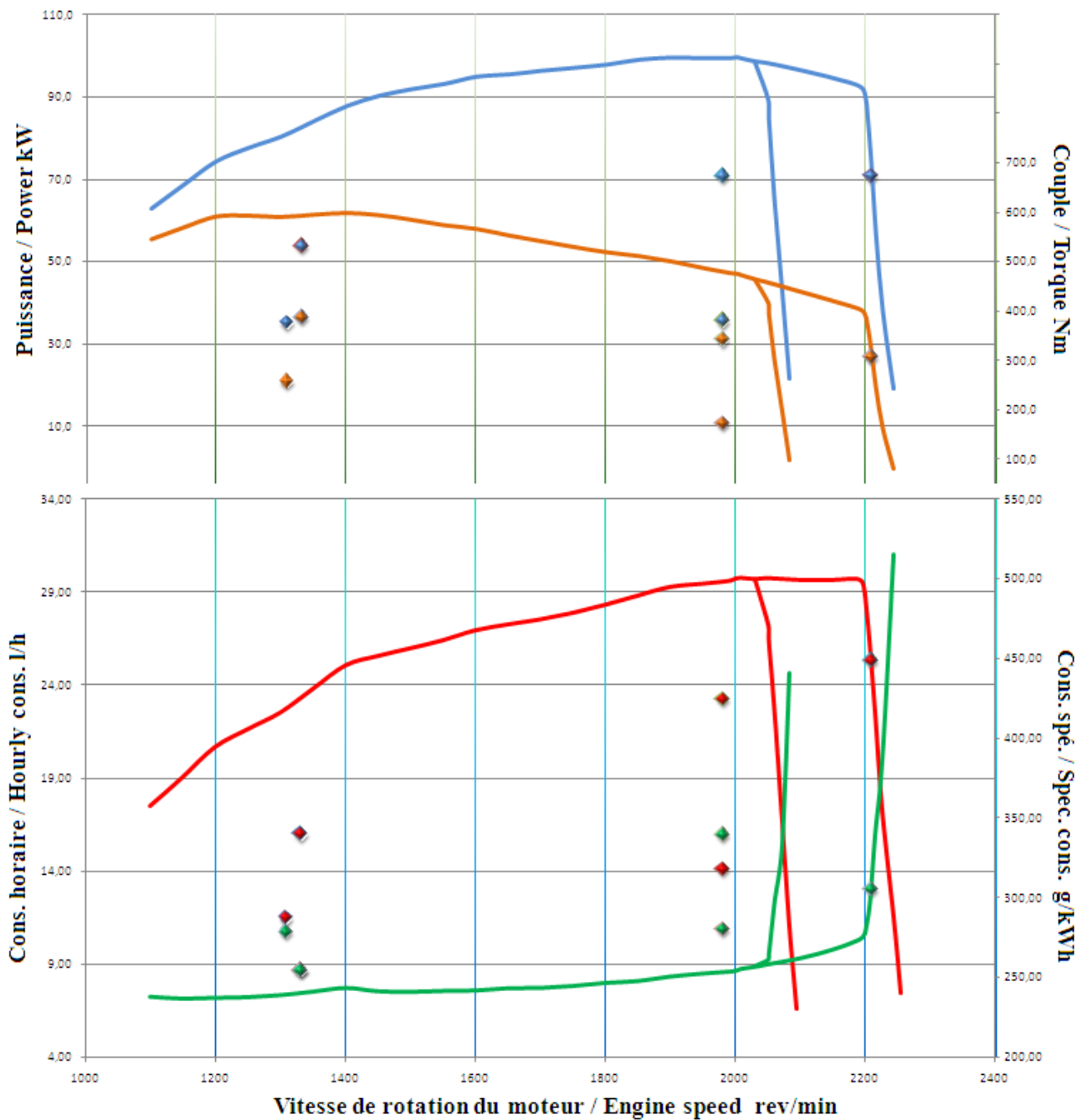




OECD approval number 2/2 539
 OECD approval date 10/02/2010
 Make Massey Ferguson
 Model 5475
 Type 4 WD
 F26D22GF713A – mechanical - 40 km/h
 Manufacturer: AGCO S.A.
 Testing station: CEMAGREF, Antony, France

Massey Ferguson 5475
4 RM/WD

OCDE/OECD 2/2 539



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	Perkins	1106D-E66TA (3392/2200)
<i>Type, Supercharging</i>	Direct injection	Yes
<i>Cylinders, Disposition</i>	6	vertical in line
<i>Capacity, Cooling</i>	6600 cm ³	Liquid
<i>Gear box</i>		mechanical
<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
<u>Standard Power take-off speed</u>	540 min ⁻¹	1000 min ⁻¹
<i>Power take-off speed at rated engine speed</i>	601 min ⁻¹	1083 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>	99,6 kW	2000 min ⁻¹	985 min ⁻¹
<i>Hourly and specific consumption</i>		29,69 l/h	254 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	88,6 kW	2200 min ⁻¹	1084 min ⁻¹
<i>Hourly and specific consumption</i>		28,85 l/h	278 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	98,5 kW	2030 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		29,67 l/h	257 g/kWh

Torque rise

<i>Maximum torque, Engine speed corresponding</i>	598 Nm	1401 min ⁻¹
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Drawbar Test

<i>Front tyres, Rear tyres</i>	380/85 R 28	460/85 R38
<u>Test with tractor</u>	<u>unballasted</u>	<u>ballasted</u>
<i>Total Mass</i>	5440 kg	
<i>Maximum drawbar pull</i>	53,3 kN	<i>Not</i>
<i>at speed of</i>	2,15 km/h	<i>required</i>
<i>Maximum power</i>	87,5 kW	
<i>at speed of</i>	11,05 km/h	

Hydraulic Performance and Power Lift Test

<i>Hydraulic system</i>		Closed
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At maximum hydraulic power

<i>Flow rate, Pressure, Power (couplers: 1 pair)</i>	102,2 l/min	13,4 MPa	22,9 kW
<i>Flow rate, Pressure, Power (couplers: 2 pairs or +)</i>	100,4 l/min	15,8 MPa	26,4 kW

Maximum lifting force

<i>at the hitch points, at frame</i>	52,1 kN	70,7 kN
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