



OECD approval number

2/2 411

OECD approval date

10/06/2008

Make

Agco

Model

RT 110A

Type

4 WD

N23B23GS213H - 40 km/h

Manufacturer:

AGCO S.A.

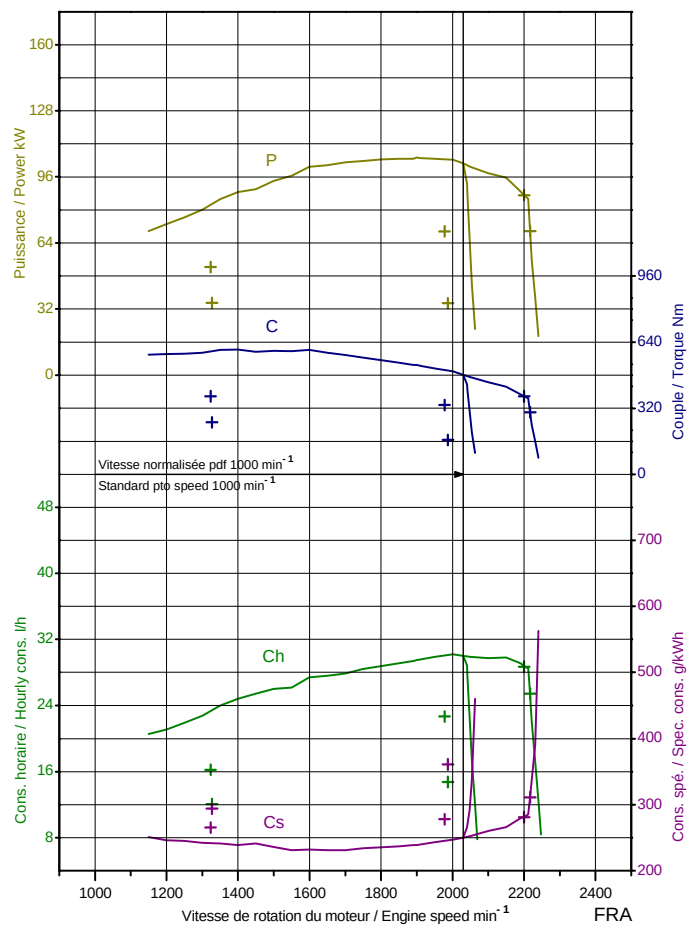
Testing station:

Cemagref, Antony, France

Agco RT 110A

4 RM/WD

OCDE/OECD 2/2411



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	Sisu Diesel	66.433 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 synchronized
<i>Number of forward and reverse speeds</i>	24	24
<i>Speed at rated engine speed</i>	from 1.62	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>	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 TestTwo hours test at maximum power

<i>Power, Engine and Power take-off speed</i>	105.4 kW	1900 min ⁻¹	936 min ⁻¹
<i>Hourly and specific consumption</i>		29.51 l/h	239 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	87.1 kW	2200 min ⁻¹	1084 min ⁻¹
<i>Hourly and specific consumption</i>		28.68 l/h	281 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	102.5 kW	2030 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		30.00 l/h	250 g/kWh

Torque rise

<i>Maximum torque, Engine speed corresponding</i>	604.4 Nm	1400 min ⁻¹	59.9 %
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Drawbar Test

<i>Front tyres, Rear tyres</i>	16.9 R 28	480/80 R 42
<u>Test with tractor</u>	<u>unballasted</u>	<u>ballasted</u>
<i>Total Mass</i>	6680 kg	
<i>Maximum drawbar pull</i>	58.0 kN	Not
<i>at speed of</i>	1.41 km/h	required
<i>Maximum power</i>	94.7 kW	
<i>at speed of</i>	10.59 km/h	

Hydraulic Performance and Power Lift Test

Hydraulic system		Closed centre	
<u>At maximum hydraulic power</u>			
Flow rate, Pressure, Power (couplers: 1 pair)	83.3 l/min	14.9 MPa	20.7 kW
Flow rate, Pressure, Power (couplers: 2 pairs or +)	102.8 l/min	15.6 MPa	26.7 kW
<u>Maximum lifting force</u>			
at the hitch points, at frame		47.1 kN	39.2 kN

