



OECD approval number

2/2 336

Restricted Code

OECD approval date

21/03/2006

Make

Challenger

Model

MT 565B

Type

4 WD

T35 - DynaVT - 40 km/h

Manufacturer

AGCO S.A.

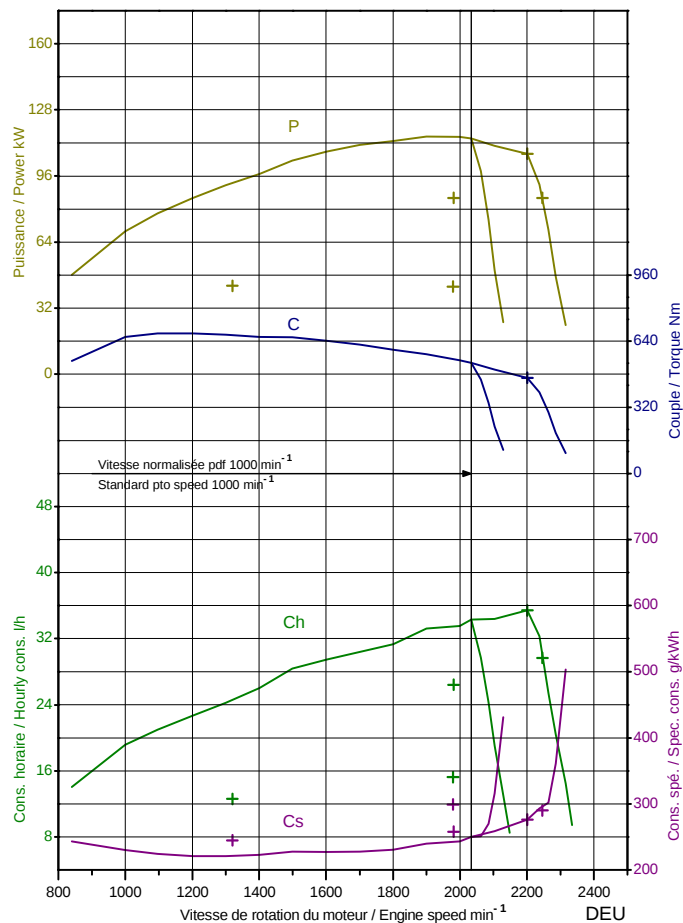
Testing station:

DLG, Gross-Umstadt, Germany

Challenger MT 565 B (T35)

4 RM/WD

OCDE/OECD 2/2336



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	Sisu Diesel	66.253 ETA
<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 and mechanical
<i>Number of forward and reverse speeds</i>		Not significant
<i>Speed at rated engine speed</i>		from 0.00 to 40.00 km/h
<u>Standard Power take-off speed</u>		<u>540 min⁻¹</u> <u>1000 min⁻¹</u>
<i>Power take-off speed at rated engine speed</i>		576 min ⁻¹ 1083 min ⁻¹
<i>Diameter of the shaft</i>	35 mm	35 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>	115.1 kW	1900 min ⁻¹	934 min ⁻¹
<i>Hourly and specific consumption</i>		33.23 l/h	240 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	106.8 kW	2201 min ⁻¹	1082 min ⁻¹
<i>Hourly and specific consumption</i>		35.44 l/h	276 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	114.2 kW	2034 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		34.31 l/h	250 g/kWh

Torque rise

<i>Maximum torque, Engine speed corresponding</i>		679.0 Nm	1096 min ⁻¹
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Drawbar Test*Front tyres, Rear tyres*

540/65 R 30 520/85 R 42

Test with tractorunballasted ballasted*Total Mass*

6870 kg

Maximum drawbar pull

64.8 kN

at speed of

4.71 km/h

Not required

Maximum power

92.3 kW

in

at speed of

7.82 km/h

Code 2

Hydraulic Performance and Power Lift Test*Hydraulic system*

Closed centre

At maximum hydraulic power*Flow rate, Pressure, Power*

109.7 l/min

18.0 MPa

32.9 kW

Maximum lifting force*at hitch points, at frame*

57.2 kN

50.0 kN

