



OECD approval number

2/2 260

Restricted Code

OECD approval date

13/07/2005

Make

Steyr

Model

6125

Type

4 WD

PDC7BB3 - 24 speeds Hi-Lo - 40 km/h

Manufacturer

CNH UK Limited

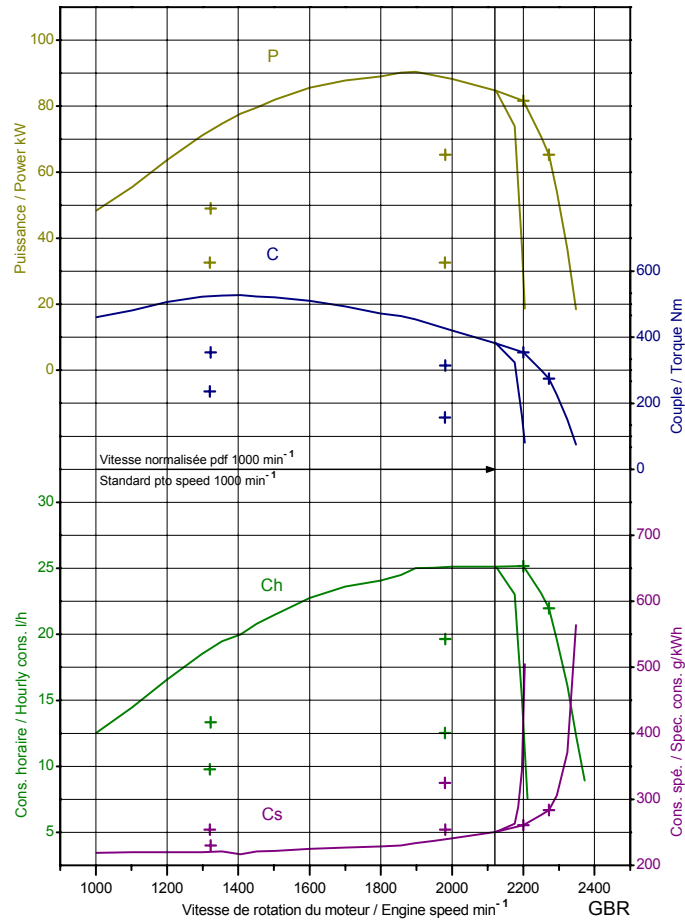
Testing station:

SRI, Silsoe, United Kingdom

Steyr 6125

4 RM/WD

OCDE/OECD 2/2260



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	CNH	F4DE0684B*D	
<i>Type, Supercharging</i>	Direct injection	Yes	
<i>Cylinders, Disposition</i>	6	vertical in line	
<i>Capacity, Cooling</i>	6728 cm ³	Liquid	
<i>Gear box</i>		Mechanical powershift	
<i>Number of forward and reverse speeds</i>		24	24
<i>Speed at rated engine speed</i>		from 1.64	to 37.16 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>		603 min ⁻¹	1038 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>	90.4 kW	1895 min ⁻¹	895 min ⁻¹
<i>Hourly and specific consumption</i>		25.03 l/h	234 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	81.6 kW	2200 min ⁻¹	1038 min ⁻¹
<i>Hourly and specific consumption</i>		25.17 l/h	261 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	84.7 kW	2123 min ⁻¹	1001 min ⁻¹
<i>Hourly and specific consumption</i>		25.14 l/h	251 g/kWh

Torque rise

<i>Maximum torque. Engine speed corresponding</i>		528.0 Nm	1406 min ⁻¹
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Drawbar Test

<i>Front tyres, Rear tyres</i>	480/65 R 28	600/65 R 38
<u>Test with tractor</u>	<u>unballasted</u>	<u>ballasted</u>
<i>Total Mass</i>	5473 kg	
<i>Maximum drawbar pull</i>	56.8 kN	Not
<i>at speed of</i>	1.89 km/h	required
<i>Maximum power</i>	75.1 kW	in
<i>at speed of</i>	10.23 km/h	Code 2

Hydraulic Performance and Power Lift Test

<i>Hydraulic system</i>			Closed centre
<u>At maximum hydraulic power</u>			
<i>Flow rate, Pressure, Power</i>	69.6 l/min	17.5 MPa	20.3 kW
<u>Maximum lifting force</u>			
<i>at hitch points, at frame</i>		52.0 kN	41.9 kN

