



OECD approval number

2/2 246

Restricted Code

OECD approval date

17/05/2005

Make

Steyr

Model

4115

Type

4 WD

PBC7BC3 - 40 km/h

Manufacturer

CNH UK Limited

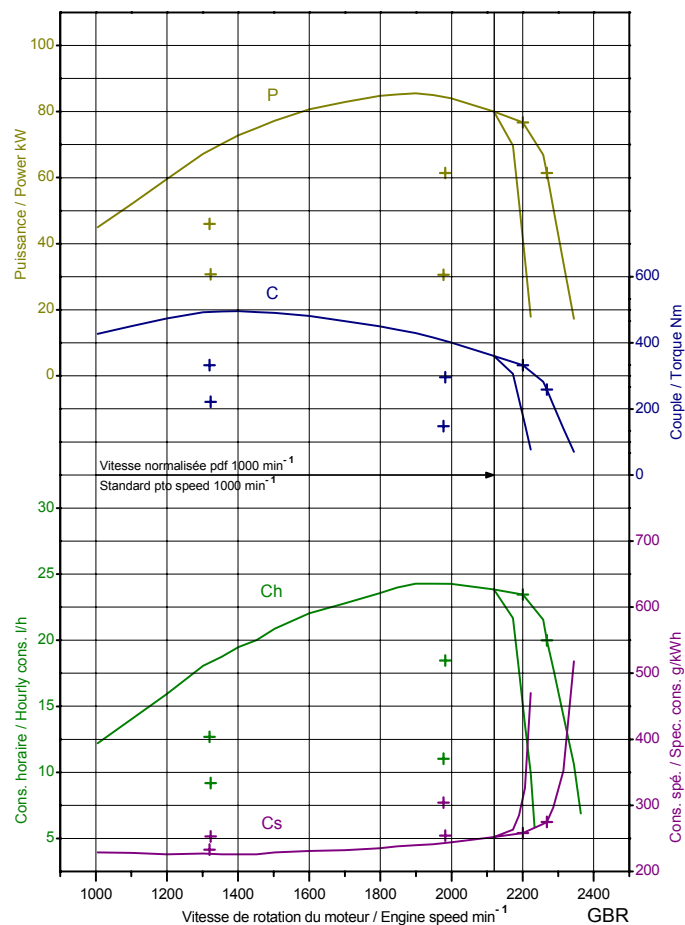
Testing station:

SRI, Silsoe, United Kingdom

Steyr 4115

4 RM/WD

OCDE/OECD 2/2246



<i>Make, Model</i>	CNH	F4DE0484A*D
<i>Type, Supercharging</i>	Direct injection	Yes
<i>Cylinders, Disposition</i>	4	vertical in line
<i>Capacity, Cooling</i>	4485 cm ³	Liquid
<i>Gear box</i>		Mechanical powershift
<i>Number of forward and reverse speeds</i>	16	16
<i>Speed at rated engine speed</i>	from 2.27	to 38.14 km/h
<u><i>Standard Power take-off speed</i></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

<u>Two hours test at maximum power</u>			
<i>Power, Engine and Power take-off speed</i>	85.5 kW	1899 min ⁻¹	896 min ⁻¹
<i>Hourly and specific consumption</i>		24.28 l/h	240 g/kWh
<u>Test at maximum power at rated engine speed</u>			
<i>Power, Engine and Power take-off speed</i>	76.7 kW	2201 min ⁻¹	1038 min ⁻¹
<i>Hourly and specific consumption</i>		23.45 l/h	258 g/kWh
<u>Test at standard Power take-off speed</u>			
<i>Power, Engine and Power take-off speed</i>	80.0 kW	2119 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		23.85 l/h	252 g/kWh
<u>Torque rise</u>			49.0 %
<u>Maximum torque, Engine speed corresponding</u>		496.1 Nm	1406 min ⁻¹

<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>	5188 kg	
<i>Maximum drawbar pull</i>	54.8 kN	<i>Not</i>
<i>at speed of</i>	2.09 km/h	<i>required</i>
<i>Maximum power</i>	72.4 kW	<i>in</i>
<i>at speed of</i>	5.34 km/h	<i>Code 2</i>

<i>Hydraulic system</i>	Closed centre		
<u>At maximum hydraulic power</u>			
<i>Flow rate, Pressure, Power</i>	93.4 l/min	18.0 MPa	28.0 kW
<u>Maximum lifting force</u>			
<i>at hitch points, at frame</i>		42.1 kN	34.8 kN

