



**OECD approval number**

**2/2 227**

**Restricted Code**

**OECD approval date**

**14/03/2005**

**Make**

**New Holland**

**Model**

**TS 115A**

**Type**

**4 WD**

**PCC7BB1 - 24 speeds Hi-Lo - 40 km/h**

**Manufacturer**

**CNH UK Limited**

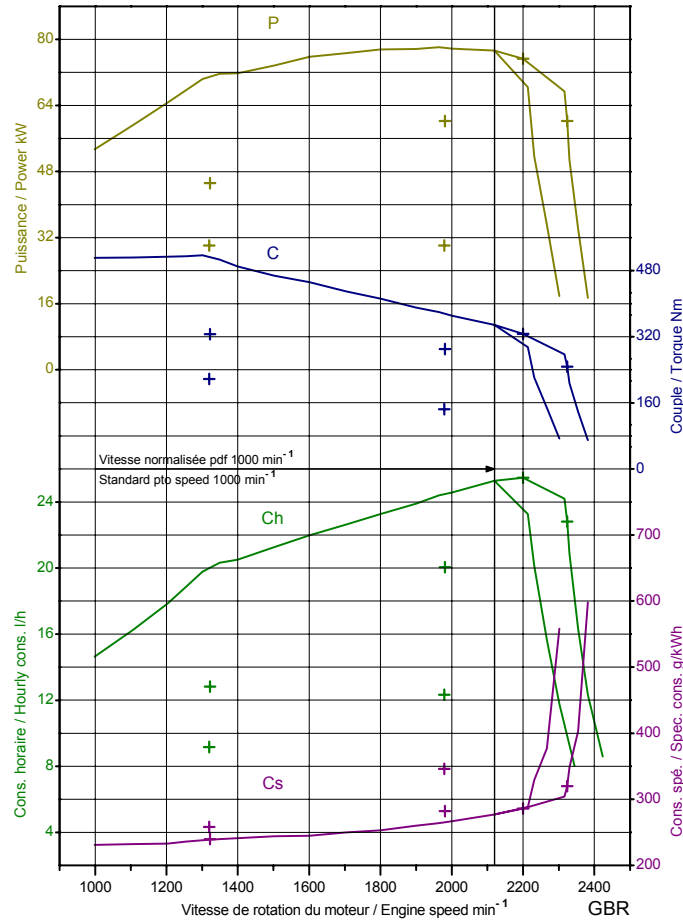
**Testing station:**

**SRI, Silsoe, United Kingdom**

**New Holland TS 115 A**

**4 RM/WD**

**OCDE/OECD 2/227**



**Engine, Transmission, Power take-off Specifications**

|   |                      |                             |                              |
|---|----------------------|-----------------------------|------------------------------|
| <i>Make, Model</i>                                | CNH                  | F4CE0684C*D                 |                              |
| <i>Type, Supercharging</i>                        | Direct injection     | Yes                         |                              |
| <i>Cylinders, Disposition</i>                     | 6                    | vertical in line            |                              |
| <i>Capacity, Cooling</i>                          | 6728 cm <sup>3</sup> | Liquid                      |                              |
| <i>Gear box</i>                                   |                      | Mechanical                  |                              |
| <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<sup>-1</sup></u> | <u>1000 min<sup>-1</sup></u> |
| <i>Power take-off speed at rated engine speed</i> |                      | 603 min <sup>-1</sup>       | 1038 min <sup>-1</sup>       |
| <i>Diameter of the shaft</i>                      |                      | 34,9 mm                     | 34,9 mm                      |
| <i>Number of splines</i>                          |                      | 6                           | 21                           |

**Power take-off Test**Two hours test at maximum power

|   |         |                        |                       |
|---|---------|------------------------|-----------------------|
| <i>Power, Engine and Power take-off speed</i> | 78,1 kW | 1964 min <sup>-1</sup> | 926 min <sup>-1</sup> |
| <i>Hourly and specific consumption</i>        |         | 24,40 l/h              | 264 g/kWh             |

Test at maximum power at rated engine speed

|   |         |                        |                        |
|---|---------|------------------------|------------------------|
| <i>Power, Engine and Power take-off speed</i> | 75,3 kW | 2200 min <sup>-1</sup> | 1038 min <sup>-1</sup> |
| <i>Hourly and specific consumption</i>        |         | 25,47 l/h              | 286 g/kWh              |

Test at standard Power take-off speed

|   |         |                        |                       |
|---|---------|------------------------|-----------------------|
| <i>Power, Engine and Power take-off speed</i> | 77,3 kW | 2119 min <sup>-1</sup> | 999 min <sup>-1</sup> |
| <i>Hourly and specific consumption</i>        |         | 25,29 l/h              | 277 g/kWh             |

Torque rise

|   |  |          |                        |
|---|--|----------|------------------------|
| <i>Maximum torque. Engine speed corresponding</i> |  | 517,1 Nm | 1301 min <sup>-1</sup> |
|---|--|----------|------------------------|

**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>              | 5370 kg            |                  |
| <i>Maximum drawbar pull</i>    | 55,0 kN            | <i>Not</i>       |
| <i>at speed of</i>             | 1,57 km/h          | <i>required</i>  |
| <i>Maximum power</i>           | 64,7 kW            | <i>in</i>        |
| <i>at speed of</i>             | 6,42 km/h          | <i>Code 2</i>    |

**Hydraulic Performance and Power Lift Test**

|                                   |            |               |         |
|-----------------------------------|------------|---------------|---------|
| <i>Hydraulic system</i>           |            | Closed centre |         |
| <u>At maximum hydraulic power</u> |            |               |         |
| <i>Flow rate, Pressure, Power</i> | 71,7 l/min | 16,5 MPa      | 19,7 kW |
| <u>Maximum lifting force</u>      |            |               |         |
| <i>at hitch points, at frame</i>  |            | 40,5 kN       | 27,9 kN |

