



OECD approval number

2/2 258

Restricted Code

OECD approval date

13/07/2005

Make

New Holland

Model

TS 125A

Type

4 WD

PDC7BB1 - 24 speeds Hi-Lo - 40 km/h

Manufacturer

CNH UK Limited

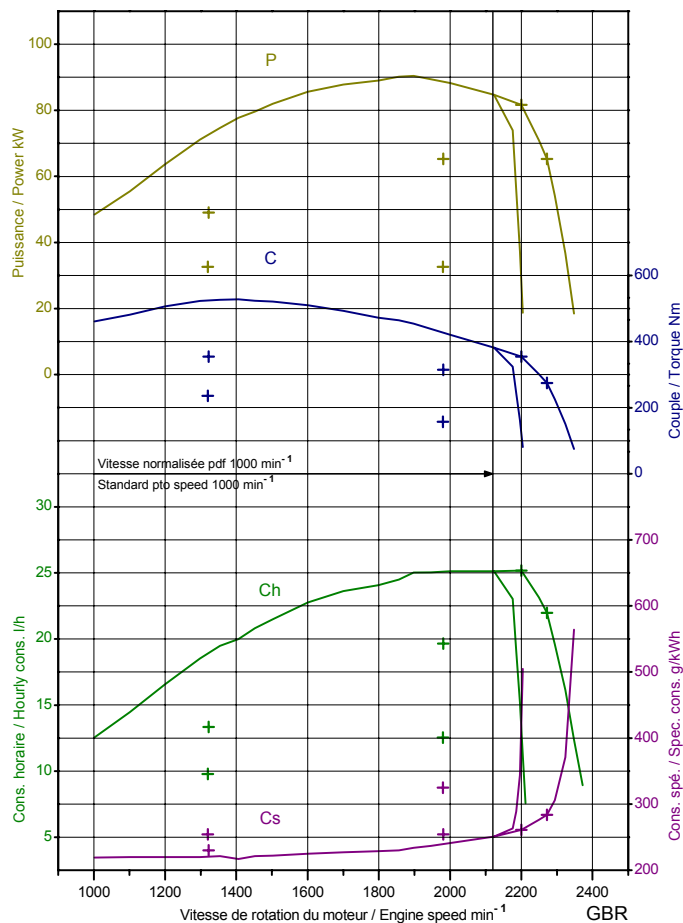
Testing station:

SRI, Silsoe, United Kingdom

New Holland TS 125 A

4 RM/WD

OCDE/OECD 2/2258



**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 <sup>3</sup>        | 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<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> | 90.4 kW | 1895 min <sup>-1</sup> | 895 min <sup>-1</sup> |
| <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 <sup>-1</sup> | 1038 min <sup>-1</sup> |
| <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 <sup>-1</sup> | 1001 min <sup>-1</sup> |
| <i>Hourly and specific consumption</i>        |         | 25.14 l/h              | 251 g/kWh              |

Torque rise

|   |          |                        |  |
|---|----------|------------------------|--|
|   |          | 49.0 %                 |  |
| <u>Maximum torque, Engine speed corresponding</u> | 528.0 Nm | 1406 min <sup>-1</sup> |  |

**Drawbar Test***Front tyres, Rear tyres*

480/65 R 28 600/65 R 38

Test with tractorunballasted ballasted*Total Mass*

5473 kg

*Maximum drawbar pull*

56.8 kN

*at speed of*1.89 km/h *Not required**Maximum power*

75.1 kW

*at speed of*10.23 km/h *in Code 2***Hydraulic Performance and Power Lift Test***Hydraulic system*

Closed centre

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

69.6 l/min

17.5 MPa

20.3 kW

Maximum lifting force*at hitch points, at frame*

52.0 kN

41.9 kN

