



OECD approval number

2/2 185

Restricted Code

OECD approval date

25/10/2004

Make

New Holland

Model

TG 230

Type

4 WD

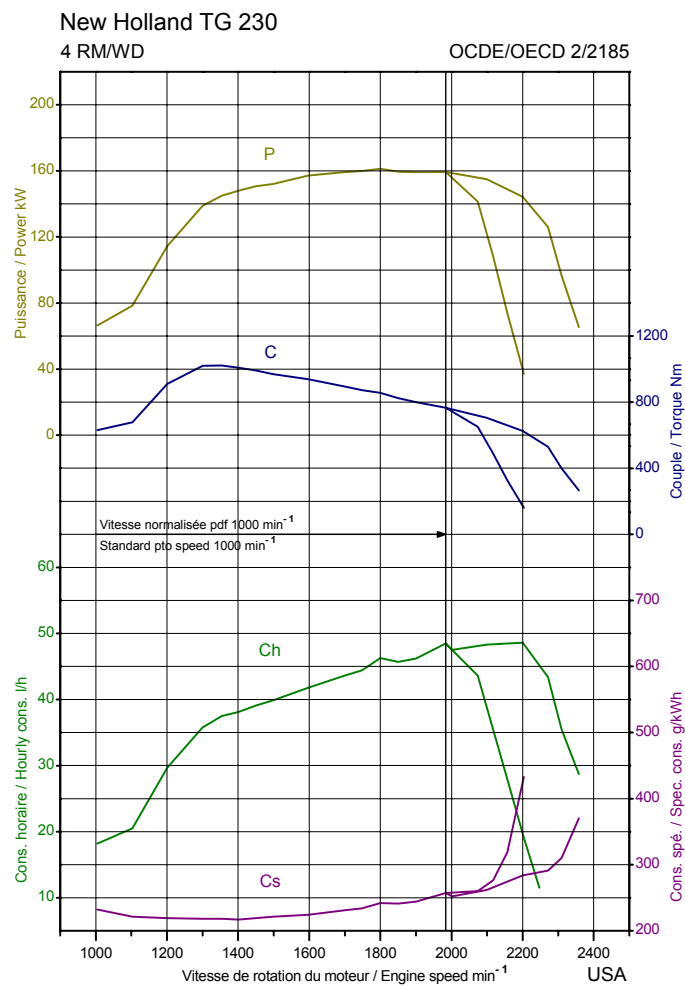
MFWD

Manufacturer

CNH America LLC

Testing station:

Nebraska Tractor Test Laboratory, Lincoln, USA



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

|                                                   |                             |                              |
|---------------------------------------------------|-----------------------------|------------------------------|
| <i>Make, Model</i>                                | Consolidated Diesel         | 6TAA-830                     |
| <i>Type, Supercharging</i>                        | Direct injection            | Yes                          |
| <i>Cylinders, Disposition</i>                     | 6                           | vertical in line             |
| <i>Capacity, Cooling</i>                          | 8268 cm <sup>3</sup>        | Liquid                       |
| <i>Gear box</i>                                   |                             | Mechanical powershift        |
| <i>Number of forward and reverse speeds</i>       | 18                          | 4                            |
| <i>Speed at rated engine speed</i>                | from 3.15                   | to 36.39 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> |                             | 1109 min <sup>-1</sup>       |
| <i>Diameter of the shaft</i>                      |                             | 44 mm                        |
| <i>Number of splines</i>                          |                             | 20                           |

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

|                                               |          |                        |                       |
|-----------------------------------------------|----------|------------------------|-----------------------|
| <i>Power, Engine and Power take-off speed</i> | 161.3 kW | 1800 min <sup>-1</sup> | 907 min <sup>-1</sup> |
| <i>Hourly and specific consumption</i>        |          | 46.33 l/h              | 242 g/kWh             |

Test at maximum power at rated engine speed

|                                               |          |                        |                        |
|-----------------------------------------------|----------|------------------------|------------------------|
| <i>Power, Engine and Power take-off speed</i> | 144.2 kW | 2200 min <sup>-1</sup> | 1109 min <sup>-1</sup> |
| <i>Hourly and specific consumption</i>        |          | 48.56 l/h              | 284 g/kWh              |

Test at standard Power take-off speed

|                                               |          |                        |                        |
|-----------------------------------------------|----------|------------------------|------------------------|
| <i>Power, Engine and Power take-off speed</i> | 159.3 kW | 1984 min <sup>-1</sup> | 1000 min <sup>-1</sup> |
| <i>Hourly and specific consumption</i>        |          | 48.51 l/h              | 257 g/kWh              |

Torque rise

63.4 %

Maximum torque, Engine speed corresponding1023.0 Nm 1354 min<sup>-1</sup>**Drawbar Test***Front tyres, Rear tyres*

420/90 R 30 520/85 R 42

Test with tractorunballasted ballasted*Total Mass*

9231 kg 11403 kg

*Maximum drawbar pull*

88.2 kN 112.2 kN

*at speed of*

4.17 km/h 3.78 km/h

*Maximum power*

136.1 kW 136.1 kW

*at speed of*

8.66 km/h 5.70 km/h

**Hydraulic Performance and Power Lift Test***Hydraulic system*

Closed centre

At maximum hydraulic power*Flow rate, Pressure, Power (couplers: 1 pair)**Flow rate, Pressure, Power (couplers: 2 pairs or +)* 142.3 l/min 20.0 MPa 47.4 kWMaximum lifting force*at the hitch points, at frame (Cat. 3, 2xØ 89 mm cylinders)* 63.4 kN 56.9 kN*at the hitch points, at frame (Cat. 3, Euro, 2xØ 95 mm cylinders)* 71.9 kN 66.9 kN*at the hitch points, at frame (Cat. 3, 2xØ 95 mm cylinders)* 85.0 kN 72.8 kN