



OECD approval number

2/2 183

Restricted Code

OECD approval date

25/10/2004

Make

New Holland

Model

TG 210

Type

4 WD

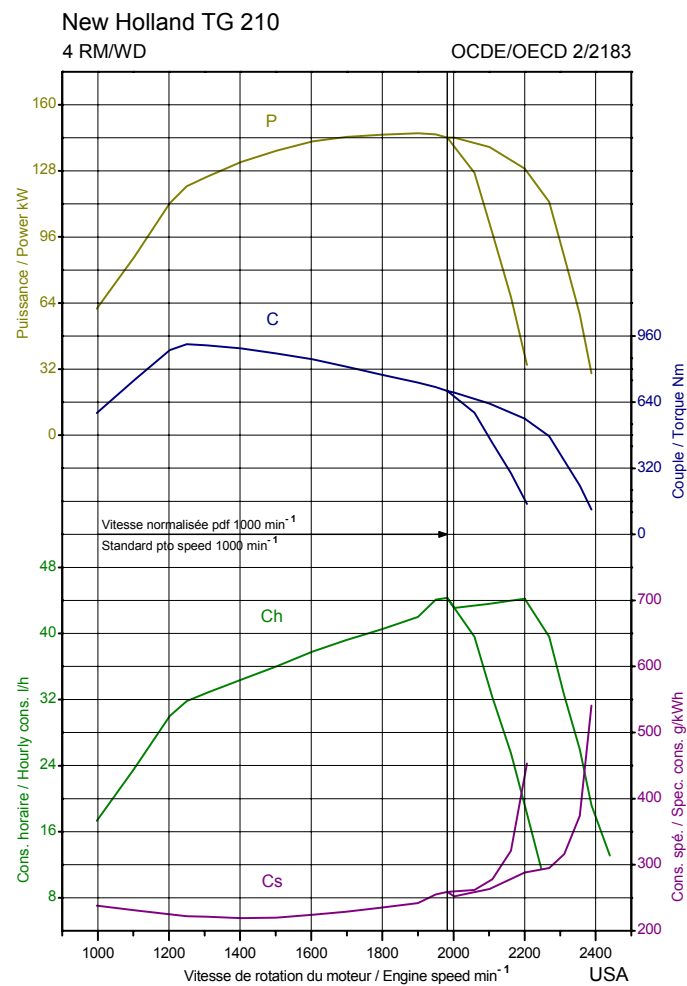
MFWD

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 ³	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⁻¹</u>	<u>1000 min⁻¹</u>
<i>Power take-off speed at rated engine speed</i>		1109 min ⁻¹
<i>Diameter of the shaft</i>		44 mm
<i>Number of splines</i>		20

Power take-off TestTwo hours test at maximum power

<i>Power, Engine and Power take-off speed</i>	145.6 kW	1950 min ⁻¹	984 min ⁻¹
<i>Hourly and specific consumption</i>		44.07 l/h	255 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	129.1 kW	2200 min ⁻¹	1110 min ⁻¹
<i>Hourly and specific consumption</i>		44.15 l/h	288 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	144.2 kW	1982 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		44.28 l/h	259 g/kWh

Torque rise

64.5 %

Maximum torque, Engine speed corresponding921.0 Nm 1250 min⁻¹**Drawbar Test***Front tyres, Rear tyres*

420/90 R 30 520/85 R 42

Test with tractorunballasted ballasted*Total Mass*

9283 kg 10555 kg

Maximum drawbar pull

89.4 kN 104.9 kN

at speed of

4.21 km/h 3.69 km/h

Maximum power

122.5 kW 123.5 kW

at speed of

7.08 km/h 6.21 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 +)* 144.6 l/min 19.3 MPa 46.6 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, 1xØ 89 & 1xØ 95 mm cyl.)* 67.0 kN 63.7 kN*at the hitch points, at frame (Cat. 3, 2xØ 95 mm cylinders)* 85.0 kN 72.8 kN