



OECD approval number

2/2 422

OECD approval date

06/08/2008

Make

New Holland

Model

T7040

Type

4 WD

BGHCFB - 40 km/h

Manufacturer:

CNH UK Limited

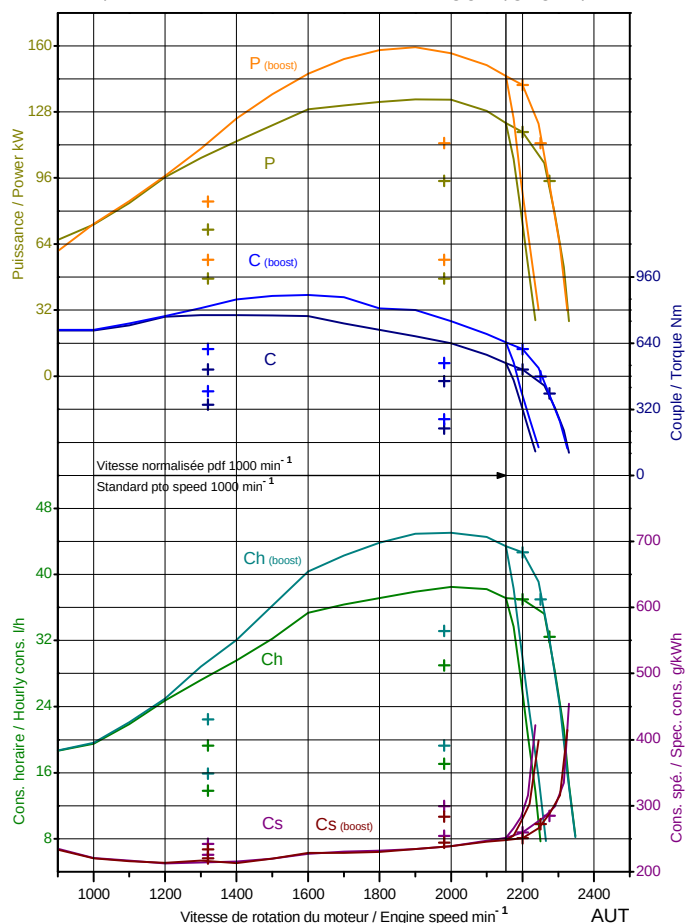
Testing station:

FJ-BLT, Wieselburg, Austria

New Holland T7040

4 RM/WD

OCDE/OECD 2/2422



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	CNH	667TA/EBE
<i>Type, Supercharging</i>	Direct injection	Yes
<i>Cylinders, Disposition</i>	6	vertical in line
<i>Capacity, Cooling</i>	6728 cm ³	Liquid
<i>Gear box</i>		Mechanical powershift
<i>Number of forward and reverse speeds</i>	19	6
<i>Speed at rated engine speed</i>	from 1.94	to 40.80 km/h
<i>Standard Power take-off speed</i>	540 min ⁻¹	1000 min ⁻¹
<i>Power take-off speed at rated engine speed</i>	609 min ⁻¹	1021 min ⁻¹
<i>Diameter of the shaft</i>	34.9 mm	34.9 mm
<i>Number of splines</i>	6	21

Power take-off TestTwo hours test at maximum power

<i>Power, Engine and Power take-off speed</i>	134.1 kW	1900 min ⁻¹	882 min ⁻¹
<i>Hourly and specific consumption</i>		37.89 l/h	234 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	118.3 kW	2200 min ⁻¹	1022 min ⁻¹
<i>Hourly and specific consumption</i>		37.00 l/h	260 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	122.6 kW	2153 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		37.12 l/h	251 g/kWh

Torque rise

51.1 %

Maximum torque, Engine speed corresponding776.2 Nm 1400 min⁻¹**Drawbar Test***Front tyres, Rear tyres*

600/65 R 28 710/70 R 38

Test with tractorunballasted ballasted*Total Mass*

7980 kg

Maximum drawbar pull

74.8 kN

Not

at speed of

4.37 km/h

required

Maximum power

111.2 kW

at speed of

6.60 km/h

Hydraulic Performance and Power Lift Test*Hydraulic system*

Closed centre

At maximum hydraulic power*Flow rate, Pressure, Power (couplers: 1 pair)* 97.4 l/min 17.5 MPa 28.4 kW*Flow rate, Pressure, Power (couplers: 2 pairs or +)* 134.5 l/min 18.0 MPa 40.4 kWMaximum lifting force*at the hitch points, at frame*

50.6 kN 44.0 kN

