



OECD approval number

2/2 424

OECD approval date

06/08/2008

Make

New Holland

Model

T7050

Type

4 WD

BGJCFC - 50 km/h

Manufacturer:

CNH UK Limited

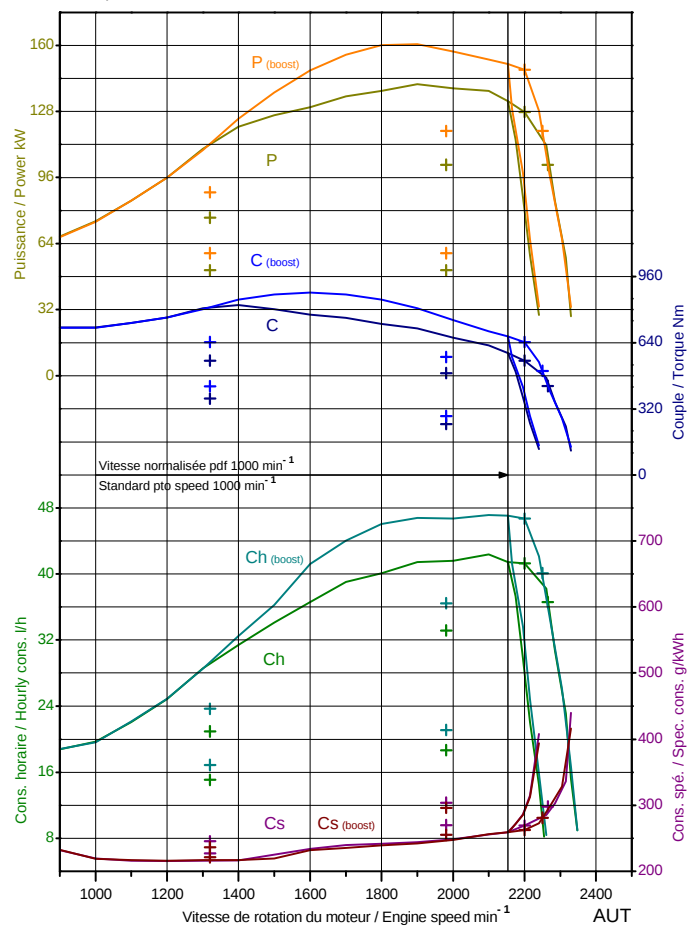
Testing station:

FJ-BLT, Wieselburg, Austria

New Holland T7050

4 RM/WD

OCDE/OECD 2/2424



Engine, Transmission, Power take-off Specifications

Make, Model	CNH	667TA/EBC
Type, Supercharging	Direct injection	Yes
Cylinders, Disposition	6	vertical in line
Capacity, Cooling	6728 cm ³	Liquid
Gear box		Mechanical powershift
Number of forward and reverse speeds	19	6
Speed at rated engine speed	from 1.94	to 49.94 km/h
<u>Standard Power take-off speed</u>	<u>540 min⁻¹</u>	<u>1000 min⁻¹</u>
Power take-off speed at rated engine speed	609 min ⁻¹	1021 min ⁻¹
Diameter of the shaft	34.9 mm	34.9 mm
Number of splines	6	21

Power take-off TestTwo hours test at maximum power

Power, Engine and Power take-off speed	141.2 kW	1900 min ⁻¹	882 min ⁻¹
Hourly and specific consumption		41.46 l/h	244 g/kWh

Test at maximum power at rated engine speed

Power, Engine and Power take-off speed	127.7 kW	2200 min ⁻¹	1022 min ⁻¹
Hourly and specific consumption		41.30 l/h	269 g/kWh

Test at standard Power take-off speed

Power, Engine and Power take-off speed	133.0 kW	2153 min ⁻¹	1000 min ⁻¹
Hourly and specific consumption		41.44 l/h	259 g/kWh

Torque rise

		48.4 %	
<u>Maximum torque, Engine speed corresponding</u>	822.8 Nm	1400 min ⁻¹	

Drawbar Test

Front tyres, Rear tyres	600/65 R 28	710/70 R 38
<u>Test with tractor</u>	<u>unballasted</u>	<u>ballasted</u>
Total Mass	8000 kg	
Maximum drawbar pull	73.7 kN	Not
at speed of	4.28 km/h	required
Maximum power	114.6 kW	
at speed of	7.99 km/h	

Hydraulic Performance and Power Lift Test

Hydraulic system			Closed centre
<u>At maximum hydraulic power</u>			
Flow rate, Pressure, Power (couplers: 1 pair)	96.8 l/min	17.5 MPa	28.2 kW
Flow rate, Pressure, Power (couplers: 2 pairs or +)	125.0 l/min	18.5 MPa	38.5 kW
<u>Maximum lifting force</u>			
at the hitch points, at frame		66.2 kN	56.8 kN

