



OECD approval number

2/2 488

OECD approval date

26/06/2009

Make

New Holland

Model

T 6020 Plus

Type

4 WD

BDCC7B - 24 speeds - 40 km/h

Manufacturer:

CNH Europe Holding S.A.

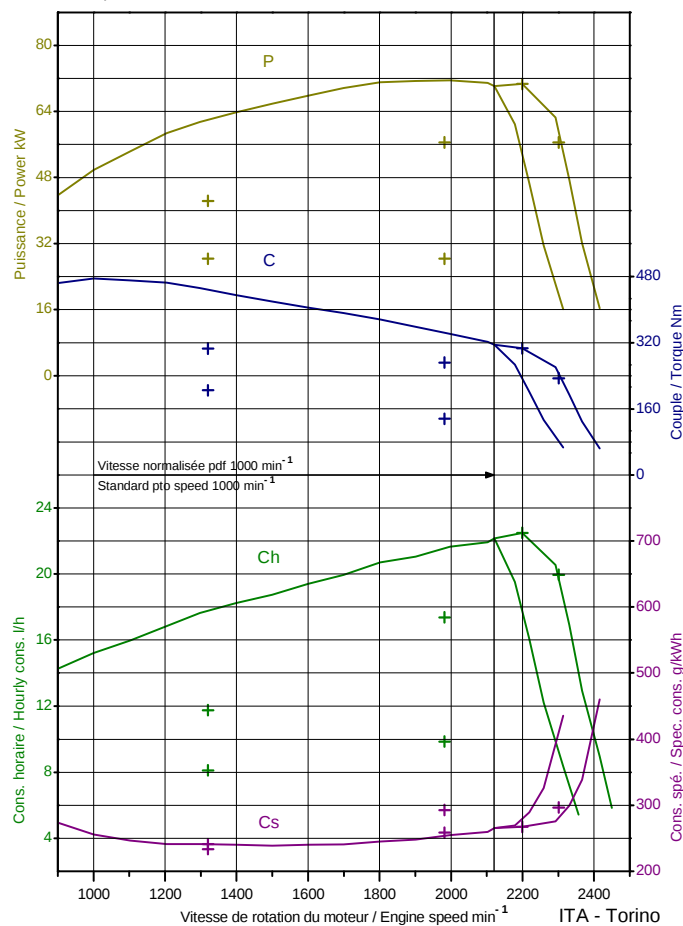
Testing station:

IMAMOTER, Torino, Italy

New Holland T6020 Plus

4 RM/WD

OCDE/OECD 2/2488



Consiglio Nazionale delle Ricerche
IMAMOTER
 Istituto per le Macchine Agricole e Movimento Terra

Engine, Transmission, Power take-off Specifications

Make, Model	CNH	445TA/MLM
Type, Supercharging	Direct injection	Yes
Cylinders, Disposition	4	vertical in line
Capacity, Cooling	4485 cm ³	Liquid
Gear box		Mechanical
Number of forward and reverse speeds	24	24
Speed at rated engine speed	from 1.64	to 37.16 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	603 min ⁻¹	1038 min ⁻¹
Diameter of the shaft	35 mm	35 mm
Number of splines	6	21

Power take-off TestTwo hours test at maximum power

Power, Engine and Power take-off speed	71.5 kW	1996 min ⁻¹	942 min ⁻¹
Hourly and specific consumption		21.67 l/h	254 g/kWh

Test at maximum power at rated engine speed

Power, Engine and Power take-off speed	70.7 kW	2200 min ⁻¹	1038 min ⁻¹
Hourly and specific consumption		22.50 l/h	267 g/kWh

Test at standard Power take-off speed

Power, Engine and Power take-off speed	70.1 kW	2121 min ⁻¹	1001 min ⁻¹
Hourly and specific consumption		22.15 l/h	265 g/kWh

Torque rise

		55.3 %	
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<u>Maximum torque, Engine speed corresponding</u>	476.2 Nm	1000 min ⁻¹	
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Drawbar Test

Front tyres, Rear tyres

480/65 R 28 600/65 R 38

Test with tractorunballasted ballasted

Total Mass

5035 kg

Maximum drawbar pull

48.2 kN

at speed of

1.89 km/h

Not required

Maximum power

62.9 kW

at speed of

5.33 km/h

Hydraulic Performance and Power Lift Test

Hydraulic system

Opened centre

At maximum hydraulic power

Flow rate, Pressure, Power (couplers: 1 pair) 68.8 l/min 17.5 MPa 20.1 kW

Flow rate, Pressure, Power (couplers: 2 pairs or +) 65.3 l/min 18.5 MPa 20.1 kW

Maximum lifting force

at the hitch points, at frame 32.4 kN 27.8 kN

