



OECD approval number

2/2 485

OECD approval date

23/06/2009

Make

New Holland

Model

T 6050 Elite

Type

4 WD

BDLC7B - 17 speeds - semi-powershift - 40 km/h

Manufacturer:

CNH Europe Holding S.A.

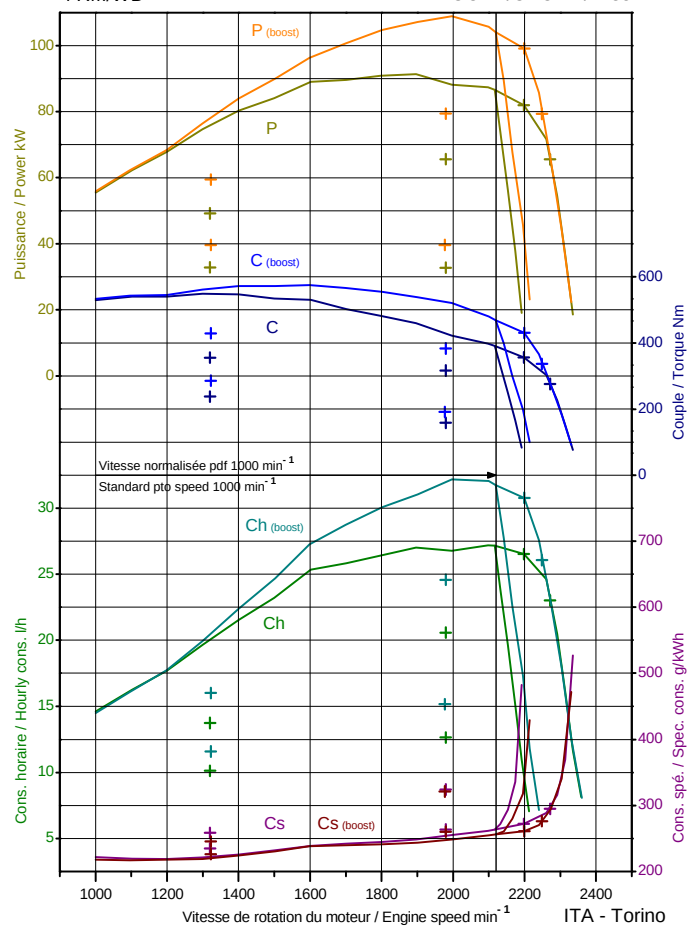
Testing station:

IMAMOTER, Torino, Italy

New Holland T6050 Elite

4 RM/WD

OCDE/OECD 2/2485



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

Engine, Transmission, Power take-off Specifications

Make, Model	CNH	667TA/EDD
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	17	16
Speed at rated engine speed	from 2.27	to 38.14 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	91.4 kW	1897 min ⁻¹	895 min ⁻¹
Hourly and specific consumption		27.01 l/h	248 g/kWh

Test at maximum power at rated engine speed

Power, Engine and Power take-off speed	82.0 kW	2197 min ⁻¹	1037 min ⁻¹
Hourly and specific consumption		26.54 l/h	272 g/kWh

Test at standard Power take-off speed

Power, Engine and Power take-off speed	86.6 kW	2117 min ⁻¹	999 min ⁻¹
Hourly and specific consumption		27.15 l/h	263 g/kWh

Torque rise

			54.0 %
<u>Maximum torque, Engine speed corresponding</u>	548.8 Nm		1299 min ⁻¹

Drawbar Test

Front tyres, Rear tyres

	480/65 R 28	600/65 R 38
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Test with tractor

Total Mass

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Maximum drawbar pull

5565 kg

52.7 kN

Not

at speed of

2.54 km/h

required

Maximum power

77.3 kW

at speed of

9.39 km/h

Hydraulic Performance and Power Lift Test

Hydraulic system

Closed centre

At maximum hydraulic power

Flow rate, Pressure, Power (couplers: 1 pair)	100.0 l/min	16.5 MPa	27.5 kW
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Flow rate, Pressure, Power (couplers: 2 pairs or +)	96.9 l/min	18.0 MPa	29.1 kW
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Maximum lifting force

at the hitch points, at frame

43.1 kN

34.4 kN

