



OECD approval number

2/2 481

OECD approval date

16/06/2009

Make

New Holland

Model

T 6020 Elite

Type

4 WD

BDGC7B - 16 speeds - semi-powershift - 40 km/h

Manufacturer:

CNH Europe Holding S.A.

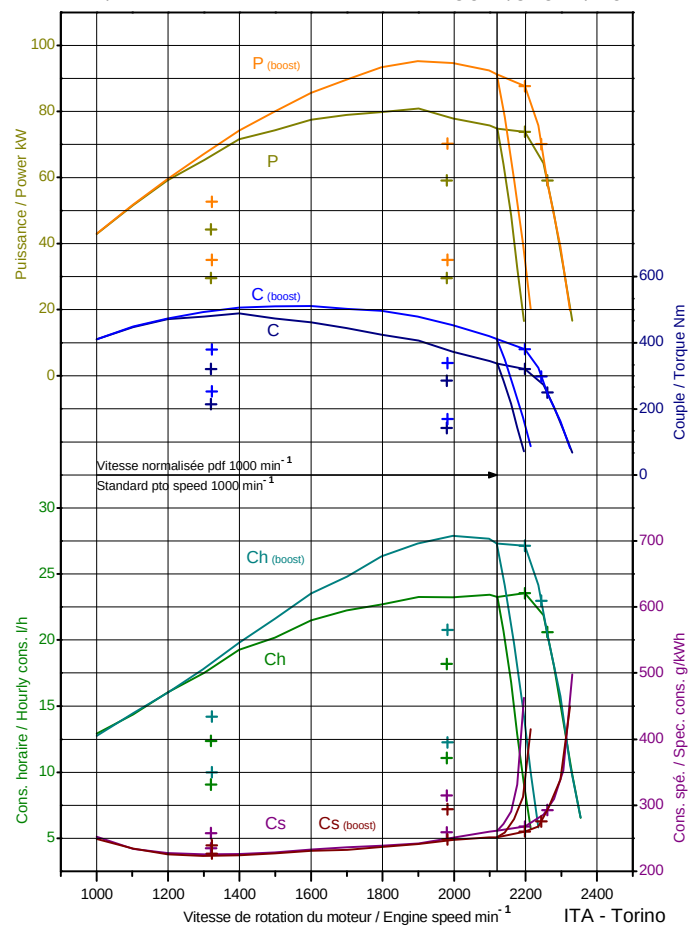
Testing station:

IMAMOTER, Torino, Italy

New Holland T6020 ELITE

4 RM/WD

OCDE/OECD 2/2481



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

Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	CNH	445TA/EGJ
<i>Type, Supercharging</i>	Direct injection	Yes
<i>Cylinders, Disposition</i>	4	vertical in line
<i>Capacity, Cooling</i>	4485 cm ³	Liquid
<i>Gear box</i>		Mechanical powershift
<i>Number of forward and reverse speeds</i>	16	16
<i>Speed at rated engine speed</i>	from 2.27	to 38.14 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>	603 min ⁻¹	1038 min ⁻¹
<i>Diameter of the shaft</i>	35 mm	35 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>	80.9 kW	1901 min ⁻¹	897 min ⁻¹
<i>Hourly and specific consumption</i>		23.27 l/h	242 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	73.8 kW	2197 min ⁻¹	1037 min ⁻¹
<i>Hourly and specific consumption</i>		23.54 l/h	268 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	74.7 kW	2121 min ⁻¹	1001 min ⁻¹
<i>Hourly and specific consumption</i>		23.26 l/h	261 g/kWh

Torque rise

		52.4 %	
<u>Maximum torque, Engine speed corresponding</u>	488.9 Nm	1399 min ⁻¹	

Drawbar Test

<i>Front tyres, Rear tyres</i>	480/65 R 28	600/65 R 38
<u>Test with tractor</u>	<u>unballasted</u>	<u>ballasted</u>
<i>Total Mass</i>	5145 kg	
<i>Maximum drawbar pull</i>	50.8 kN	Not
<i>at speed of</i>	3.07 km/h	required
<i>Maximum power</i>	68.9 kW	
<i>at speed of</i>	7.67 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)	93.4 l/min	17.5 MPa	27.2 kW
Flow rate, Pressure, Power (couplers: 2 pairs or +)	93.9 l/min	19.0 MPa	29.7 kW
<u>Maximum lifting force</u>			
at the hitch points, at frame		39.8 kN	30.8 kN

