



OECD approval number

2/2 462

OECD approval date

17/02/2009

Make

New Holland

Model

T 6040 Elite

Type

4 WD

BDHCFC - 17 speeds - 40 km/h

Manufacturer:

CNH Europe Holding S.A.

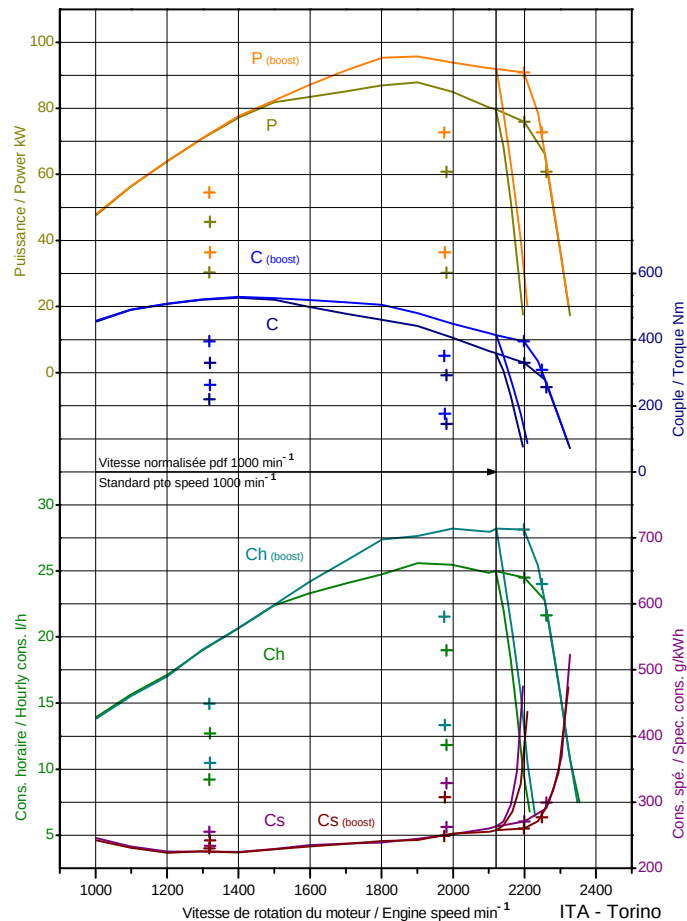
Testing station:

IMAMOTER, Torino, Italy

New Holland T 6040 Elite

4 RM/WD

OCDE/OECD 2/2462



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/EGK
<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>	17	16
<i>Speed at rated engine speed</i>	from 2.27	to 38.14 km/h
<u>Standard Power take-off speed</u>	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>	87.9 kW	1901 min ⁻¹	897 min ⁻¹
<i>Hourly and specific consumption</i>		25.61 l/h	245 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	76.0 kW	2200 min ⁻¹	1038 min ⁻¹
<i>Hourly and specific consumption</i>		24.49 l/h	271 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	79.8 kW	2119 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		24.99 l/h	263 g/kWh

Torque rise

		59.7 %	
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Maximum torque, Engine speed corresponding

526.7 Nm	1401 min ⁻¹
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Drawbar Test*Front tyres, Rear tyres*

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

<u>unballasted</u>	<u>ballasted</u>
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Total Mass

5655 kg

Maximum drawbar pull

55.7 kN

Not

at speed of

2.13 km/h

required

Maximum power

74.2 kW

at speed of

7.67 km/h

Hydraulic Performance and Power Lift Test*Hydraulic system*

Closed centre

At maximum hydraulic power

<i>Flow rate, Pressure, Power (couplers: 1 pair)</i>	94.4 l/min	17.0 MPa	26.7 kW
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<i>Flow rate, Pressure, Power (couplers: 2 pairs or +)</i>	100.2 l/min	17.0 MPa	28.4 kW
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Maximum lifting force*at the hitch points, at frame*

43.3 kN	34.1 kN
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