



OECD approval number

2/2 450

OECD approval date

09/12/2008

Make

New Holland

Model

T 6070 Plus

Type

4 WD

BDFCFB - 17 speeds - semi-powershift - 50 km/h

Manufacturer:

CNH Europe Holding S.A.

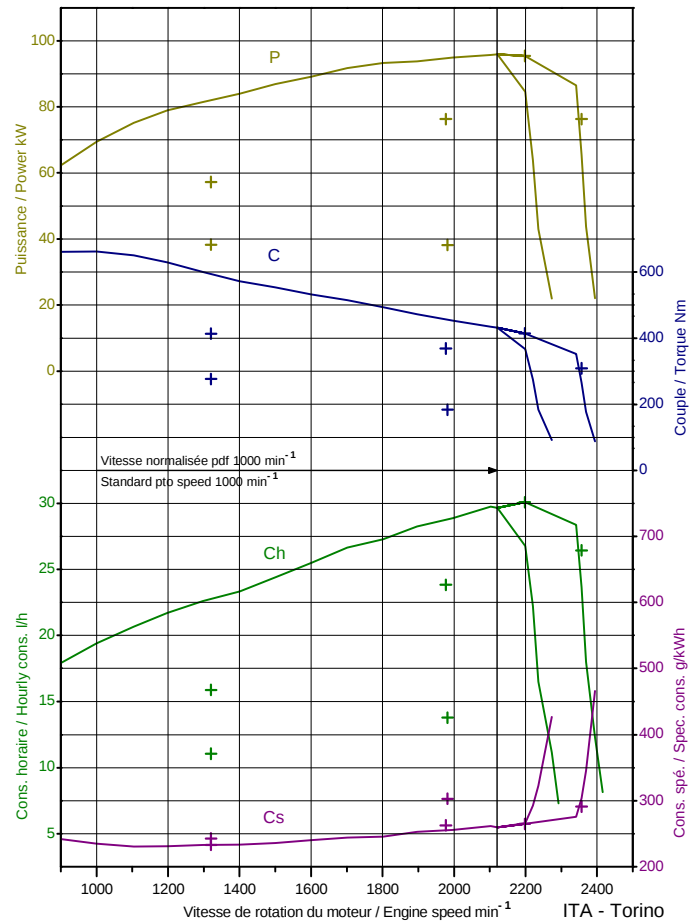
Testing station:

IMAMOTER, Torino, Italy

New Holland T 6070 Plus

4 RM/WD

OCDE/OECD 2/2450



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	CNH	667TA/MEJ
<i>Type, Supercharging</i>	Direct injection	Yes
<i>Cylinders, Disposition</i>	6	vertical in line
<i>Capacity, Cooling</i>	6728 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 45.82 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>	95.9 kW	2121 min ⁻¹	1001 min ⁻¹
<i>Hourly and specific consumption</i>		29.65 l/h	260 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	95.5 kW	2197 min ⁻¹	1037 min ⁻¹
<i>Hourly and specific consumption</i>		30.08 l/h	265 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	95.9 kW	2121 min ⁻¹	1001 min ⁻¹
<i>Hourly and specific consumption</i>		29.65 l/h	260 g/kWh

Torque rise

			59.7 %
<u>Maximum torque, Engine speed corresponding</u>	662.6 Nm	1000 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>	5955 kg	
<i>Maximum drawbar pull</i>	57.8 kN	Not
<i>at speed of</i>	2.10 km/h	required
<i>Maximum power</i>	81.7 kW	
<i>at speed of</i>	6.07 km/h	

Hydraulic Performance and Power Lift Test

<i>Hydraulic system</i>			Closed centre
<u>At maximum hydraulic power</u>			
<i>Flow rate, Pressure, Power (couplers: 1 pair)</i>	87.9 l/min	17.0 MPa	24.9 kW
<i>Flow rate, Pressure, Power (couplers: 2 pairs or +)</i>	95.4 l/min	18.0 MPa	28.6 kW
<u>Maximum lifting force</u>			
<i>at the hitch points, at frame</i>	43.5 kN	34.1 kN	

