



OECD approval number

2/2 524

OECD approval date

05/11/2009

Make

New Holland

Model

T5070

Type

2 WD

JHEC2A - 12 speeds - 30 km/h

Manufacturer:

CNH Europe Holding S.A.

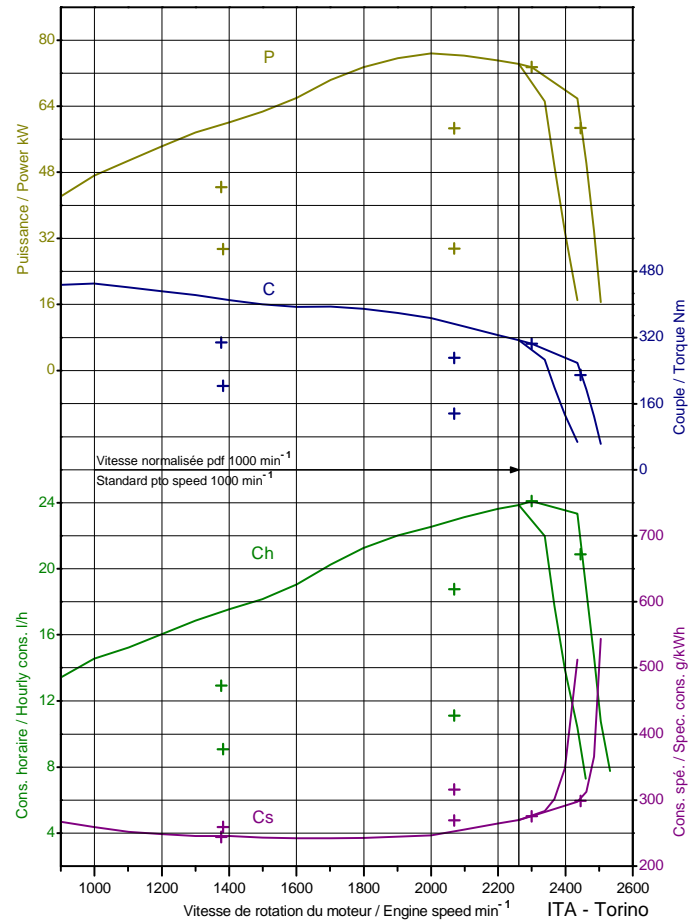
Testing station:

IMAMOTER, Torino, Italy

New Holland T5070

2 RM/WD

OCDE/OECD 2/2524



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	CNH UK Ltd	445TA/MLA
<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
<i>Number of forward and reverse speeds</i>		12 12
<i>Speed at rated engine speed</i>		from 1.87 to 30.85 km/h
<u>Standard Power take-off speed</u>		<u>540 min⁻¹</u> <u>1000 min⁻¹</u>
<i>Power take-off speed at rated engine speed</i>		565 min ⁻¹ 1017 min ⁻¹
<i>Diameter of the shaft</i>	35 mm	35 mm
<i>Number of splines</i>	6	21

Power take-off Test

<u>Two hours test at maximum power</u>			
<i>Power, Engine and Power take-off speed</i>	76.8 kW	2001 min ⁻¹	885 min ⁻¹
<i>Hourly and specific consumption</i>		22.54 l/h	246 g/kWh
<u>Test at maximum power at rated engine speed</u>			
<i>Power, Engine and Power take-off speed</i>	73.5 kW	2299 min ⁻¹	1017 min ⁻¹
<i>Hourly and specific consumption</i>		24.10 l/h	275 g/kWh
<u>Test at standard Power take-off speed</u>			
<i>Power, Engine and Power take-off speed</i>	74.2 kW	2261 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		23.87 l/h	270 g/kWh
<u>Torque rise</u>			47.8 %
<u>Maximum torque, Engine speed corresponding</u>		451.1 Nm	999 min ⁻¹

Drawbar Test

<i>Front tyres, Rear tyres</i>	10.00 - 16	600/65 R 34
<u>Test with tractor</u>	<u>unballasted</u>	<u>ballasted</u>
<i>Total Mass</i>	3690 kg	
<i>Maximum drawbar pull</i>	28.4 kN	Not
<i>at speed of</i>	2.65 km/h	required
<i>Maximum power</i>	63.8 kW	
<i>at speed of</i>	12.63 km/h	

Hydraulic Performance and Power Lift Test

<i>Hydraulic system</i>			Opened centre
<u>At maximum hydraulic power</u>			
<i>Flow rate, Pressure, Power (couplers: 1 pair)</i>	54.0 l/min	16.5 MPa	14.9 kW
<i>Flow rate, Pressure, Power (couplers: 2 pairs or +)</i>	51.8 l/min	17.5 MPa	15.1 kW
<u>Maximum lifting force</u>			
<i>at the hitch points, at frame</i>		22.0 kN	18.1 kN

