



OECD approval number

2/2 519

OECD approval date

29/10/2009

Make

New Holland

Model

T5070

Type

4 WD

JHEC4A - 12 speeds - 30 km/h

Manufacturer:

CNH Europe Holding S.A.

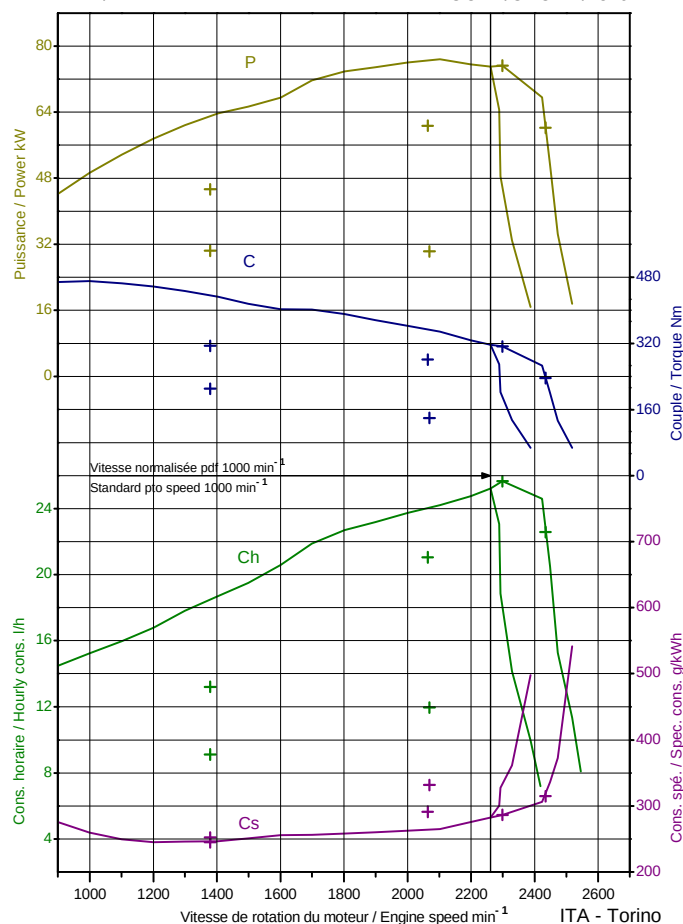
Testing station:

IMAMOTER, Torino, Italy

New Holland T5070

4 RM/WD

OCDE/OECD 2/2519



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

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
<i>Standard Power take-off speed</i>	540 min ⁻¹	1000 min ⁻¹
<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 TestTwo hours test at maximum power

<i>Power, Engine and Power take-off speed</i>	76.8 kW	2103 min ⁻¹	930 min ⁻¹
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<i>Hourly and specific consumption</i>	24.20 l/h	265 g/kWh
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Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	75.3 kW	2299 min ⁻¹	1017 min ⁻¹
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<i>Hourly and specific consumption</i>	25.67 l/h	286 g/kWh
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Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	75.1 kW	2261 min ⁻¹	1000 min ⁻¹
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<i>Hourly and specific consumption</i>	25.23 l/h	282 g/kWh
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Torque rise

50.6 %

Maximum torque, Engine speed corresponding

471.0 Nm	999 min ⁻¹
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Drawbar Test*Front tyres, Rear tyres*

480/65 R 24	600/65 R 34
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Test with tractor

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

4225 kg

Maximum drawbar pull

37.3 kN

Not

at speed of

1.82 km/h

required

Maximum power

60.7 kW

at speed of

9.40 km/h

Hydraulic Performance and Power Lift Test*Hydraulic system*

Opened centre

At maximum hydraulic power

<i>Flow rate, Pressure, Power (couplers: 1 pair)</i>	69.8 l/min	13.0 MPa	15.1 kW
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<i>Flow rate, Pressure, Power (couplers: 2 pairs or +)</i>	74.7 l/min	14.0 MPa	17.4 kW
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Maximum lifting force*at the hitch points, at frame*

21.9 kN	17.8 kN
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