



OECD approval number

2/2 466

OECD approval date

12/03/2009

Make

New Holland

Model

T 4020

Type

4 WD

JAAS4B - 12 speeds - 40 km/h

Manufacturer:

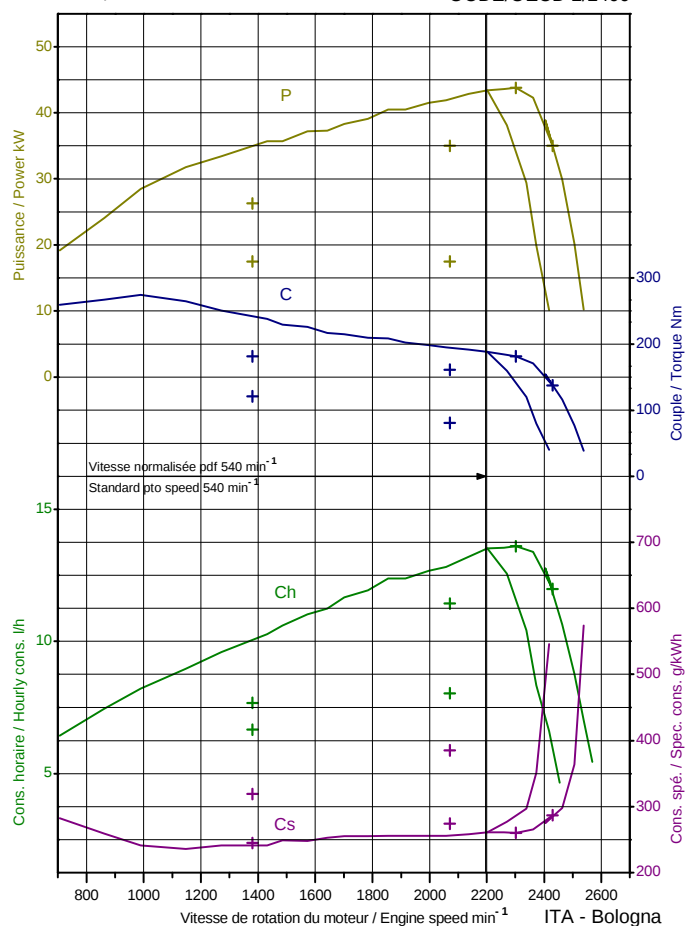
CNH Europe Holding S.A.

Testing station: Università di Bologna, Bologna, Italy

New Holland T4020

4 RM/WD

OCDE/OECD 2/2466



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	Iveco	F5AE9484A
<i>Type, Supercharging</i>	Direct injection	Yes
<i>Cylinders, Disposition</i>	4	vertical in line
<i>Capacity, Cooling</i>	3200 cm ³	Liquid
<i>Gear box</i>		Mechanical synchronized
<i>Number of forward and reverse speeds</i>	12	12
<i>Speed at rated engine speed</i>	from 2.28	to 39.23 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>	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>	43.8 kW	2302 min ⁻¹	564 min ⁻¹
<i>Hourly and specific consumption</i>		13.60 l/h	260 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	43.8 kW	2302 min ⁻¹	564 min ⁻¹
<i>Hourly and specific consumption</i>		13.60 l/h	260 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	43.4 kW	2202 min ⁻¹	539 min ⁻¹
<i>Hourly and specific consumption</i>		13.52 l/h	261 g/kWh

Torque rise

<i>Maximum torque, Engine speed corresponding</i>	274.7 Nm	990 min ⁻¹	51.3 %
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Drawbar Test

<i>Front tyres, Rear tyres</i>	11.2 R 24	16.9 R 30
<u>Test with tractor</u>	<u>unballasted</u>	<u>ballasted</u>
<i>Total Mass</i>	3190 kg	
<i>Maximum drawbar pull</i>	27.9 kN	Not
<i>at speed of</i>	3.69 km/h	required
<i>Maximum power</i>	38.1 kW	
<i>at speed of</i>	11.31 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>	44.4 l/min	17.0 MPa
<i>Flow rate, Pressure, Power (couplers: 2 pairs or +)</i>		12.6 kW
<u>Maximum lifting force</u>		
<i>at the hitch points, at frame</i>	17.2 kN	13.0 kN