



OECD approval number

1/2 130

OECD approval date

Full Code

28/05/2004

Make

New Holland

Model

TN 75 A

Type

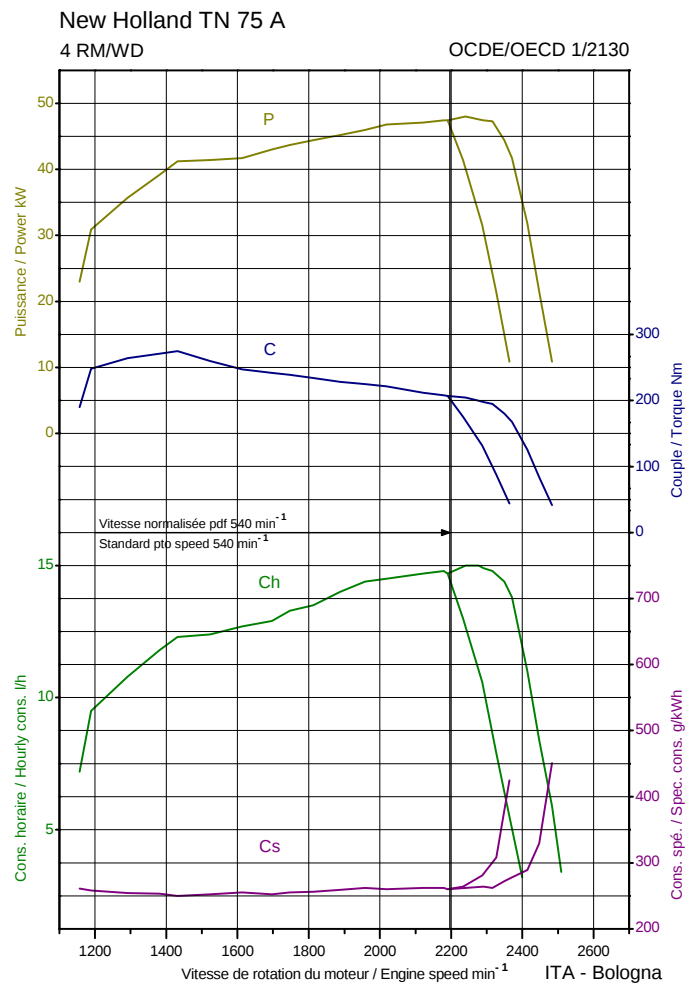
4 WD

E3S7 - 16 speeds - 40 km/h

Manufacturer

CNH International S.A.

Testing station: Università di Bologna, Bologna, Italy



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	CNH Italia	IVECO 8035.25	
<i>Type, Supercharging</i>	Direct injection	Yes	
<i>Cylinders, Disposition</i>	3	vertical in line	
<i>Capacity, Cooling</i>	2930 cm ³	Liquid	
<i>Gear box</i>		Mechanical synchronized	
<i>Number of forward and reverse speeds</i>		16	16
<i>Speed at rated engine speed</i>		from 0.78	to 37.77 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>	48.0 kW	2240 min ⁻¹	550 min ⁻¹
<i>Hourly and specific consumption</i>		15.00 l/h	262 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	47.4 kW	2291 min ⁻¹	563 min ⁻¹
<i>Hourly and specific consumption</i>		14.90 l/h	264 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	47.4 kW	2190 min ⁻¹	538 min ⁻¹
<i>Hourly and specific consumption</i>		14.70 l/h	260 g/kWh

Torque rise

<i>Maximum torque, Engine speed corresponding</i>		274.5 Nm	1432 min ⁻¹
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Drawbar Test*Front tyres, Rear tyres*

<i>Test with tractor</i>		11.2 R 24	16.9 R 30
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Total Mass

		unballasted	ballasted
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		2635 kg	3125 kg
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<i>Maximum drawbar pull</i>		23.0 kN	27.6 kN
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<i>at speed of</i>		3.67 km/h	2.36 km/h
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<i>Maximum power</i>		41.0 kW	41.3 kW
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<i>at speed of</i>		12.74 km/h	11.36 km/h
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Hydraulic Performance and Power Lift Test

<i>Hydraulic system</i>		Opened centre	
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<i>At maximum hydraulic power</i>			
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<i>Flow rate, Pressure, Power</i>	58.9 l/min	16.4 MPa	16.1 kW
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<i>Maximum lifting force</i>			
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<i>at hitch points, at frame</i>		20.7 kN	17.2 kN
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