



OECD approval number

1/2 158

OECD approval date

Full Code

05/08/2004

Make

New Holland

Model

TN 60 A

Type

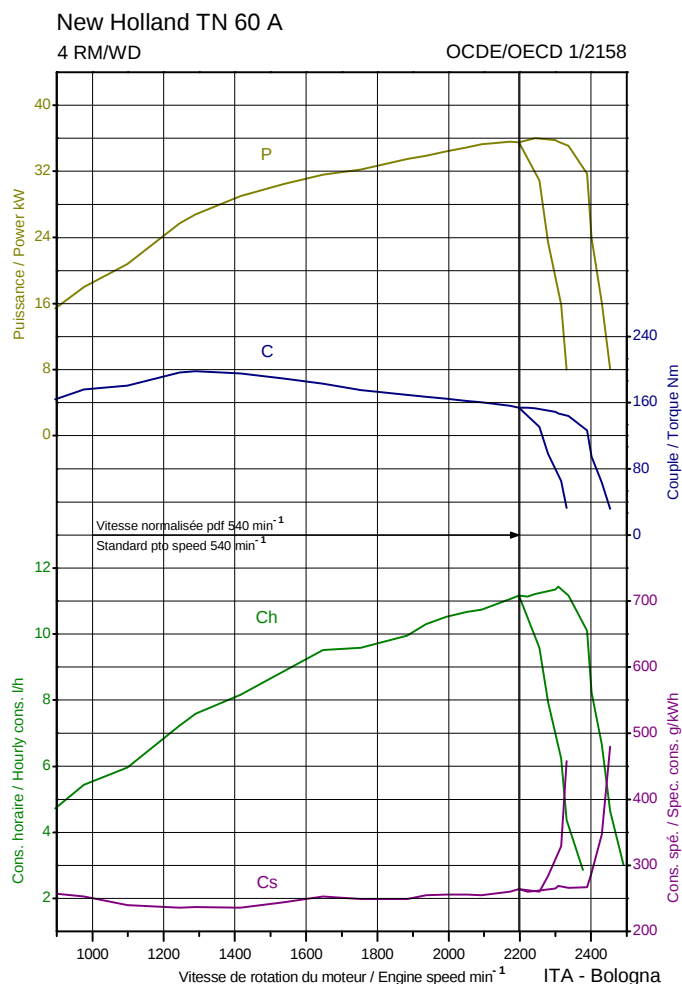
4 WD

E1S6 - 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 8035.05C	
<i>Type, Supercharging</i>	Direct injection	None	
<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>	36.0 kW	2243 min ⁻¹	551 min ⁻¹
<i>Hourly and specific consumption</i>		11.21 l/h	261 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	35.8 kW	2300 min ⁻¹	565 min ⁻¹
<i>Hourly and specific consumption</i>		11.35 l/h	265 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	35.5 kW	2198 min ⁻¹	540 min ⁻¹
<i>Hourly and specific consumption</i>		11.17 l/h	264 g/kWh

Torque rise

<i>Maximum torque, Engine speed corresponding</i>		198.4 Nm	1290 min ⁻¹
---	--	----------	------------------------

Drawbar Test*Front tyres, Rear tyres*

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

Total Mass

		unballasted	ballasted
--	--	-------------	-----------

		2625 kg	3125 kg
--	--	---------	---------

<i>Maximum drawbar pull</i>		22.8 kN	27.3 kN
-----------------------------	--	---------	---------

<i>at speed of</i>		2.96 km/h	2.94 km/h
--------------------	--	-----------	-----------

<i>Maximum power</i>		28.8 kW	28.7 kW
----------------------	--	---------	---------

<i>at speed of</i>		8.40 km/h	6.84 km/h
--------------------	--	-----------	-----------

Hydraulic Performance and Power Lift Test

<i>Hydraulic system</i>		Opened centre	
-------------------------	--	---------------	--

<i>At maximum hydraulic power</i>			
-----------------------------------	--	--	--

<i>Flow rate, Pressure, Power</i>	36.1 l/min	19.8 MPa	11.9 kW
-----------------------------------	------------	----------	---------

<i>Maximum lifting force</i>			
------------------------------	--	--	--

<i>at hitch points, at frame</i>		21.2 kN	17.6 kN
----------------------------------	--	---------	---------