

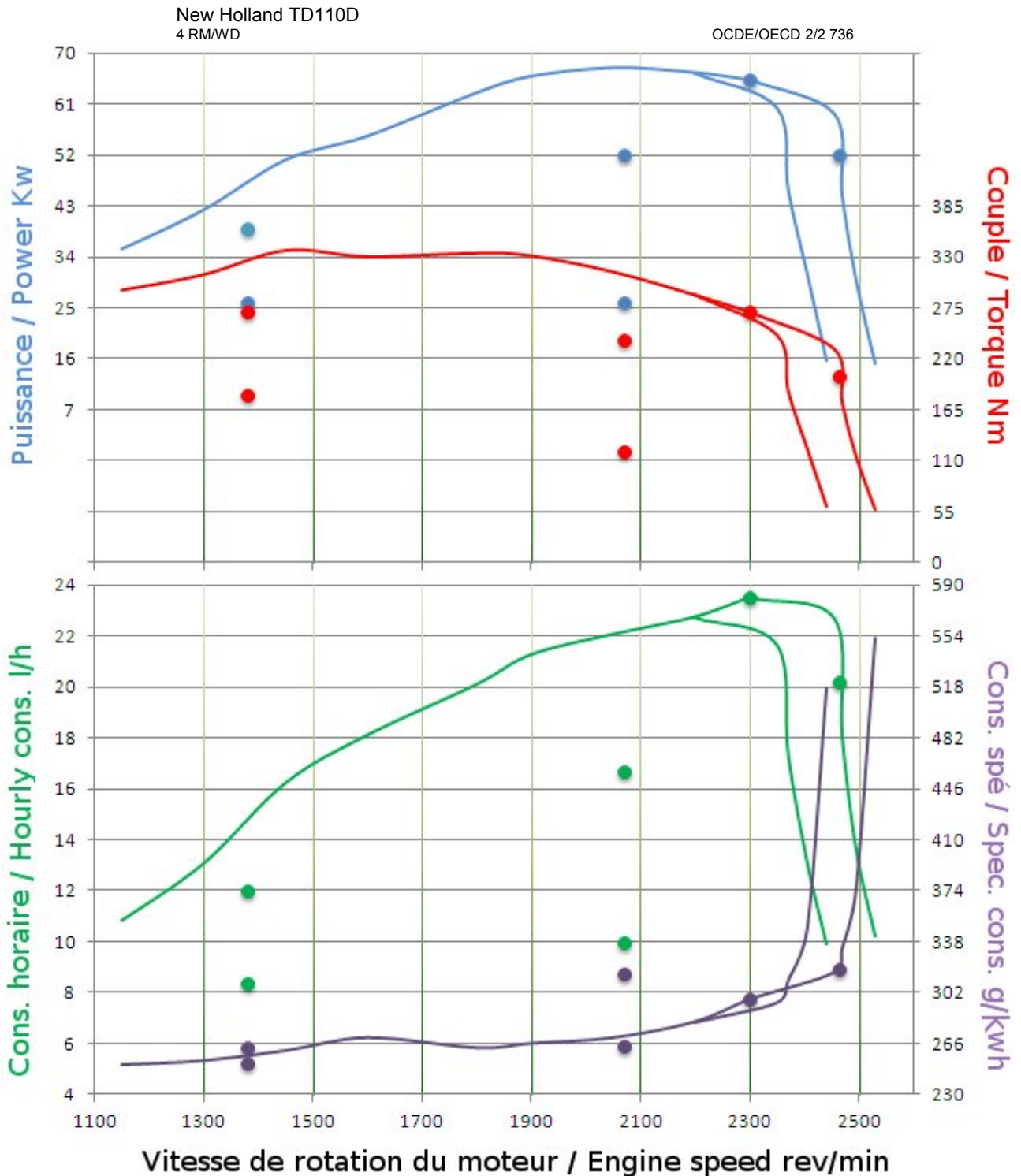


OECD approval number
OECD approval date
Make
Model
Type

2/2 736
 09/01/2013
 New Holland
 TD110D
 4 WD
 Mechanical full Synchronmesh - 30 km/h
 TÜRK TRAKTÖR ve ZIRAAT
 MAKINALARI A.Ş.
 TAMTEST – Ankara - TÜRKİYE

Manufacturer:

Testing station:



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	TTF	8045.25D.313T
<i>Type, Supercharging</i>	Direct injection	Yes
<i>Cylinders, Disposition</i>	4	vertical in line
<i>Capacity, Cooling</i>	3908 cm ³	Liquid
<i>Gear box</i>		Mechanical full Synchromesh
<i>Number of forward and reverse speeds</i>		12 12
<i>Speed at rated engine speed</i>		from 1,74 to 28,68 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 ⁻¹ 966 min ⁻¹
<i>Diameter of the shaft</i>		35 mm 35 mm
<i>Number of splines</i>		6 6

Power take-off Test

One hour test at maximum power

<i>Power, Engine and Power take-off speed</i>	67,3 kW	2050 min ⁻¹	504 min ⁻¹
<i>Hourly and specific consumption</i>		22,05 l/h	270 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	65,2 kW	2300 min ⁻¹	565 min ⁻¹
<i>Hourly and specific consumption</i>		23,49 l/h	297 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	66,5 kW	2198 min ⁻¹	540 min ⁻¹
<i>Hourly and specific consumption</i>		22,72 l/h	281 g/kWh

Torque rise

<u>Maximum torque, Engine speed corresponding</u>		336,6 Nm	1450 min ⁻¹
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Drawbar Test

<i>Front tyres, Rear tyres</i>	14.9 R24	18.4 R34
<u>Test with tractor</u>	<u>unballasted</u>	<u>ballasted</u>
<i>Total Mass</i>	3895 kg	
<i>Maximum drawbar pull at speed of</i>	24,74 kN	Not
<i>Maximum power at speed of</i>	5,57 km/h	Applicable
	53,6 kW	
	8,08 km/h	

Hydraulic Performance and Power Lift Test

<i>Hydraulic system</i>			Open centre
<u>At maximum hydraulic power</u>			
<i>Flow rate, Pressure, Power (couplers: 1 pair)</i>	29,3 l/min	13,5 MPa	6,6 kW
<i>Flow rate, Pressure, Power (couplers: 2 pairs or +)</i>	29,3 l/min	13,5 MPa	6,6 kW
<u>Maximum lifting force at the hitch points, at frame</u>		14,6 kN	12,3 kN