



OECD approval number

OECD approval date

Make

Model

Type

Manufacturer:

Testing station:

2/2 621

04/08/2011

Shanghai New Holland

TS95

4 WD

mechanical transmission - 30 km/h

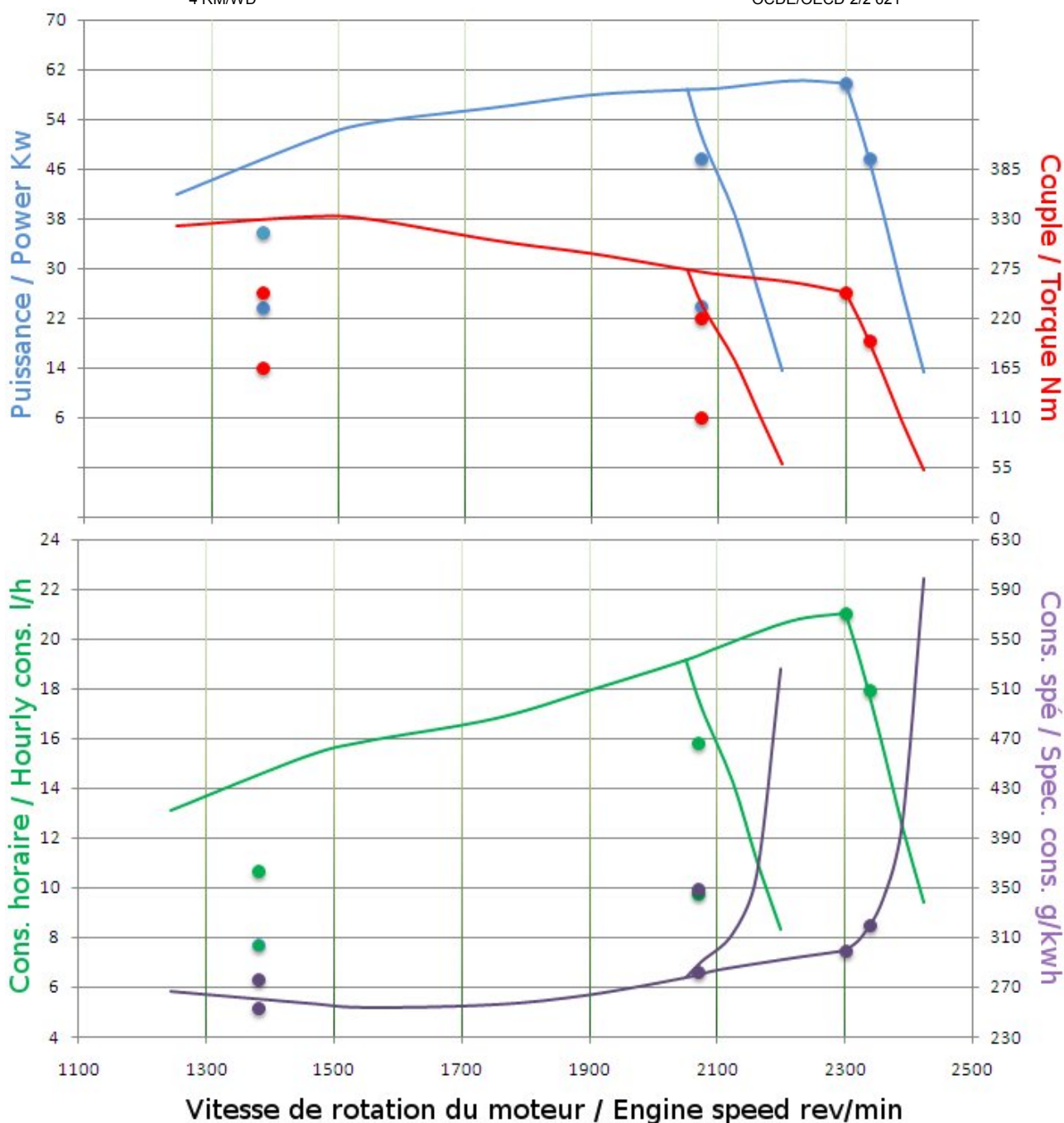
Shanghai New Holland Agricultural

Machinery CO. Ltd.

COTTEC, Luoyang, Henan, China

Shanghai New Holland TS95
4 RM/WD

OCDE/OECD 2/2 621



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	Weifang Weichai Deutz Diesel Engine Co., Ltd	TD226B-4IT4
<i>Type, Supercharging</i>	Direct injection	Yes
<i>Cylinders, Disposition</i>	4	vertical in line
<i>Capacity, Cooling</i>	4156 cm ³	Liquid mechanical
<i>Gear box</i>		12
<i>Number of forward and reverse speeds</i>		12
<i>Speed at rated engine speed</i>	from 2,06	to 31,27 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>	657 min ⁻¹	1122 min ⁻¹
<i>Diameter of the shaft</i>	35 mm	35 mm
<i>Number of splines</i>	6	21

Power take-off Test

One hour test at maximum power

<i>Power, Engine and Power take-off speed</i>	60,30 kW	2215 min ⁻¹	1080 min ⁻¹
<i>Hourly and specific consumption</i>		20,72 l/h	292,9 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	59,92 kW	2300 min ⁻¹	1122 min ⁻¹
<i>Hourly and specific consumption</i>		21,03 l/h	299,1 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	58,85 kW	2050 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		19,15 l/h	277,3 g/kWh

Torque rise

<i>Maximum torque, Engine speed corresponding</i>		332,7 Nm	1455 min ⁻¹
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Drawbar Test

<i>Front tyres, Rear tyres</i>	14.9-24	18.4-34
<u>Test with tractor</u>	<u>unballasted</u>	<u>ballasted</u>
<i>Total Mass</i>	4327 kg	5027 kg
<i>Maximum drawbar pull</i>	31,77 kN	38,82 kN
<i>at speed of</i>	2,64 km/h	1,84 km/h
<i>Maximum power</i>	53,03 kW	54,97 kW
<i>at speed of</i>	9,40 km/h	9,41 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>	33,6 l/min	17,8 MPa	9,97 kW
<i>Flow rate, Pressure, Power (couplers: 2 pairs or +)</i>	33,8 l/min	17,8 MPa	10,03 kW
<u>Maximum lifting force</u>			
<i>at the hitch points, at frame</i>		20,96 kN	17,06 kN