



OECD approval number

OECD approval date

Make

Model

Type

Manufacturer:

Testing station:

2/2 740

15/01/2013

Shanghai New Holland

TS135

4WD

Mechanical - 30 km/h

Shanghai New Holland Agricultural

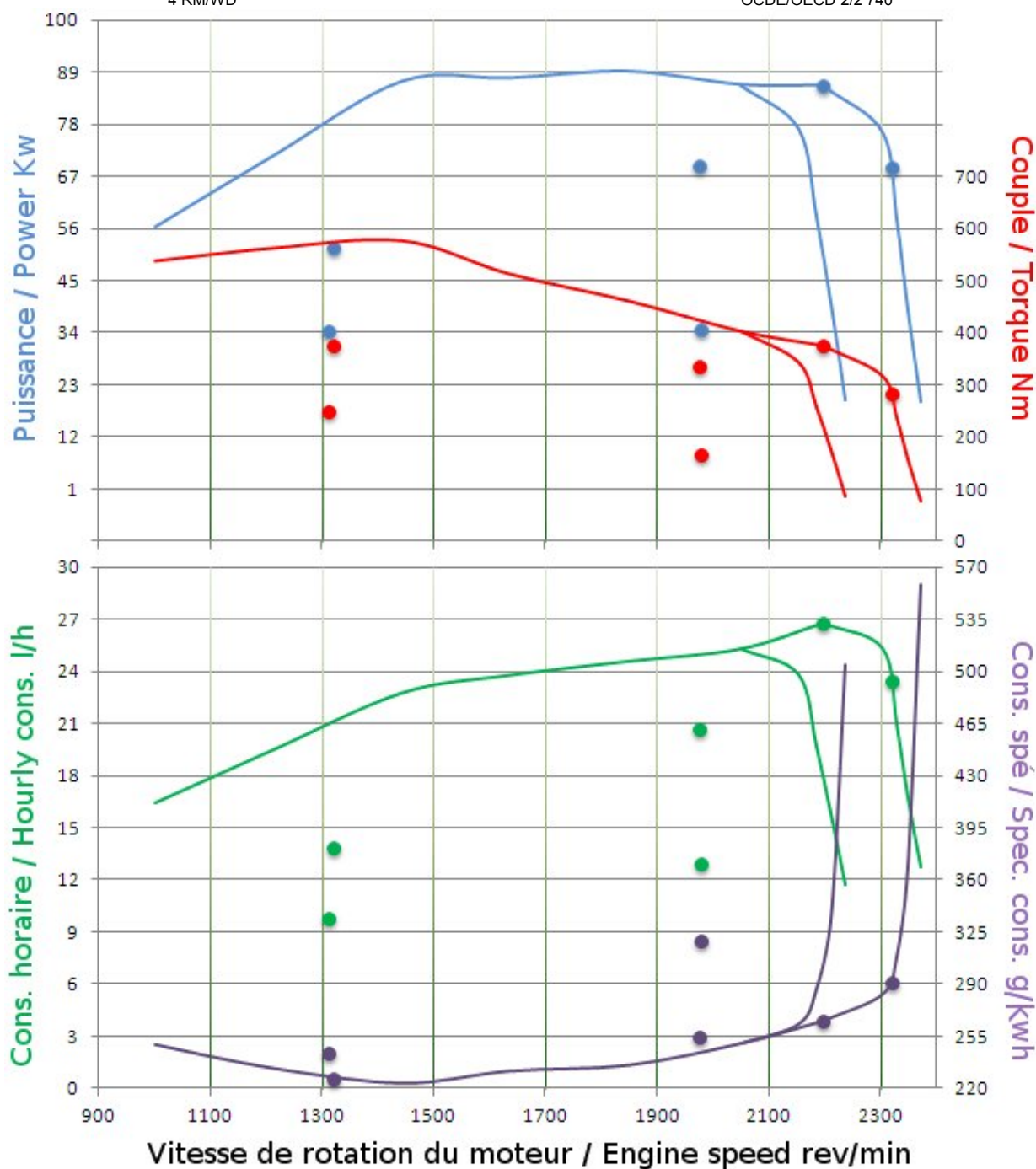
Machinery CO. Ltd.

COTTEC, Luoyang, Henan, China

Shanghai New Holland TS135

4 RMWD

OCDE/OECD 2/2 740



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	Weifang Weichai Deutz Diesel Engine Co., Ltd	WP6T135E20
<i>Type, Supercharging</i>	Direct injection	Yes
<i>Cylinders, Disposition</i>	6	vertical in line
<i>Capacity, Cooling</i>	6230 cm ³	Liquid
<i>Gear box</i>		Mechanical
<i>Number of forward and reverse speeds</i>	12	12
<i>Speed at rated engine speed</i>	from 2,10	to 31,85 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>	629 min ⁻¹	1073 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>	89,06 kW	1849 min ⁻¹	902 min ⁻¹
<i>Hourly and specific consumption</i>		24,59 l/h	235 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	86,11 kW	2198 min ⁻¹	1072 min ⁻¹
<i>Hourly and specific consumption</i>		26,79 l/h	265 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	86,28 kW	2050 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		25,30 l/h	250 g/kWh

Torque rise

<i>Maximum torque, Engine speed corresponding</i>		575,6 Nm	1443 min ⁻¹
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Drawbar Test

<i>Front tyres, Rear tyres</i>	14.9-28	18.4-38
<u>Test with tractor</u>	<u>unballasted</u>	<u>ballasted</u>
<i>Total Mass</i>	5008 kg	5708 kg
<i>Maximum drawbar pull</i>	44,52 kN	50,68 kN
<i>at speed of</i>	1,91 km/h	1,91 km/h
<i>Maximum power</i>	69,20 kW	75,54 kW
<i>at speed of</i>	7,14 km/h	7,11 km/h

Hydraulic Performance and Power Lift Test

<i>Hydraulic system</i>			Ouvert centre
<u>At maximum hydraulic power</u>			
<i>Flow rate, Pressure, Power (couplers: 1 pair)</i>	54,5 l/min	16,2 MPa	14,72 kW
<i>Flow rate, Pressure, Power (couplers: 2 pairs or +)</i>	55,3 l/min	16,3 MPa	15,02 kW
<u>Maximum lifting force</u>			
<i>at the hitch points, at frame</i>		37,12 kN	28,77 kN