



OECD approval number

1/1 742

OECD approval date

Full Code
03/04/1998

Make

Hongli

Model

25A

Type

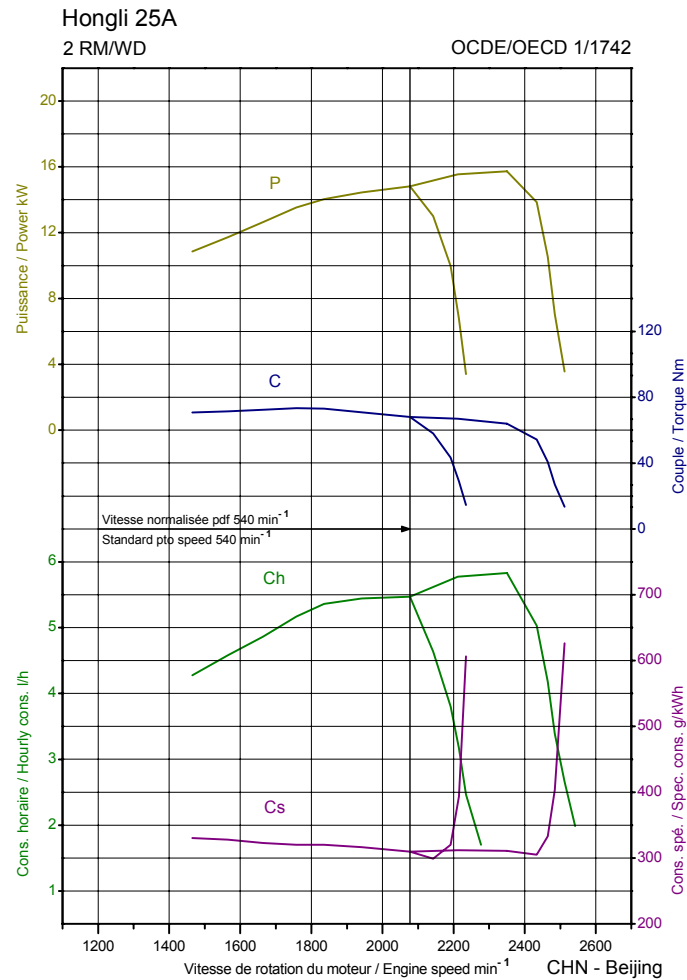
2 WD

Manufacturer

Dezhou Tractor Works

Testing station:

CAMTC, Beijing, China



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	Jingdong	Ty-295 I
<i>Type, Supercharging</i>	Direct injection	None
<i>Cylinders, Disposition</i>	2	vertical in line
<i>Capacity, Cooling</i>	1336 cm ³	By water
<i>Gear box</i>		Mechanical
<i>Number of forward and reverse speeds</i>	6	2
<i>Speed at rated engine speed</i>	from 1.97	to 30.04 km/h
<u>Standard Power take-off speed</u>	<u>540 min⁻¹</u>	<u>1000 min⁻¹</u>
<i>Power take-off speed at rated engine speed</i>	611 min ⁻¹	None
<i>Diameter of the shaft</i>	35 mm	
<i>Number of splines</i>	6	

Power take-off TestTwo hours test at maximum power

<i>Power, Engine and Power take-off speed</i>	15.7 kW	2350 min ⁻¹	611 min ⁻¹
<i>Hourly and specific consumption</i>		5.83 l/h	311 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	15.7 kW	2350 min ⁻¹	611 min ⁻¹
<i>Hourly and specific consumption</i>		5.83 l/h	311 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	14.8 kW	2077 min ⁻¹	540 min ⁻¹
<i>Hourly and specific consumption</i>		5.47 l/h	310 g/kWh

Torque rise

		15.0 %	
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<u>Maximum torque, Engine speed corresponding</u>		73.6 Nm	1758 min ⁻¹
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Drawbar Test

<i>Front tyres, Rear tyres</i>	4.00 - 16	8.3 - 24
<u>Test with tractor</u>	<u>unballasted</u>	<u>ballasted</u>
<i>Total Mass</i>	1084 kg	1214 kg
<i>Maximum drawbar pull</i>	7.1 kN	8.4 kN
<i>at speed of</i>	1.79 km/h	3.48 km/h
<i>Maximum power</i>	13.1 kW	14.5 kW
<i>at speed of</i>	8.10 km/h	8.25 km/h

Hydraulic Performance and Power Lift Test

<i>Hydraulic system</i>			Opened centre
<u>At maximum hydraulic power</u>			
<i>Flow rate, Pressure, Power</i>	12.1 l/min	15.0 MPa	3.0 kW
<u>Maximum lifting force</u>			
<i>at hitch points, at frame</i>		6.7 kN	4.2 kN