



OECD approval number

2/2 383

Restricted Code

OECD approval date

24/08/2007

Make

HHJM

Model

450

Type

2 WD

30 km/h

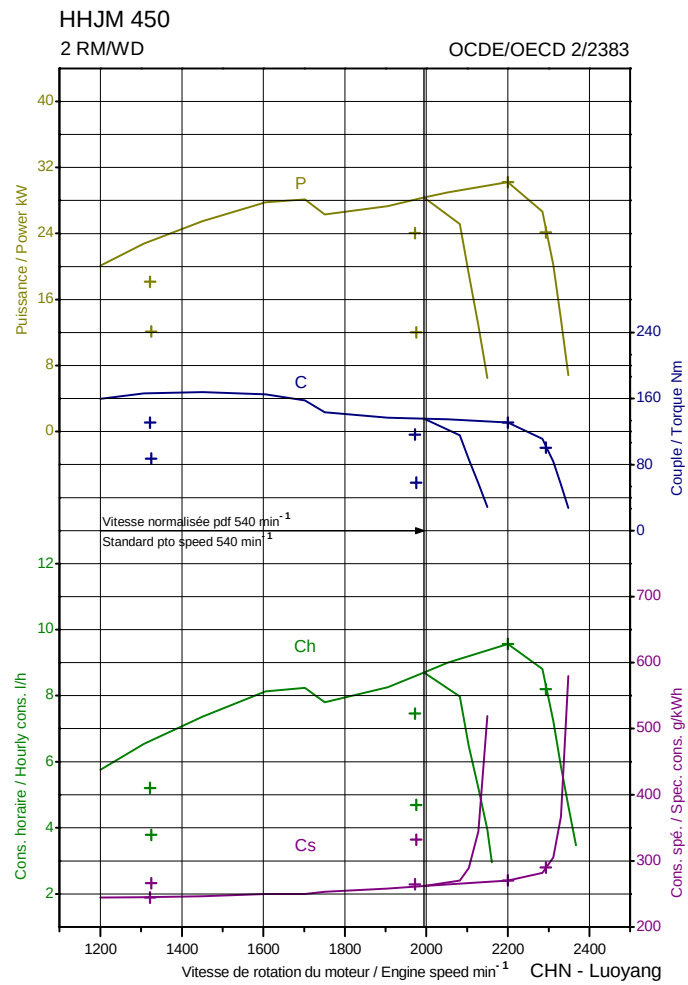
Manufacturer

Jiangsu Yueda Yancheng Tractor

Manufacturing Co., Ltd.

Testing station:

COTTEC, Luoyang, China



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	Fujian lijia	SL3015ABT2S
<i>Type, Supercharging</i>	Direct injection	None
<i>Cylinders, Disposition</i>	3	vertical in line
<i>Capacity, Cooling</i>	3039 cm ³	By water
<i>Gear box</i>		Mechanical
<i>Number of forward and reverse speeds</i>	8	4
<i>Speed at rated engine speed</i>	from 2.15	to 30.20 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>	595 min ⁻¹	1073 min ⁻¹
<i>Diameter of the shaft</i>	35 mm	35 mm
<i>Number of splines</i>	6	6

Power take-off TestTwo hours test at maximum power

<i>Power, Engine and Power take-off speed</i>	30.2 kW	2200 min ⁻¹	596 min ⁻¹
<i>Hourly and specific consumption</i>		9.57 l/h	270 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	30.2 kW	2200 min ⁻¹	596 min ⁻¹
<i>Hourly and specific consumption</i>		9.57 l/h	270 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	28.3 kW	1994 min ⁻¹	540 min ⁻¹
<i>Hourly and specific consumption</i>		8.71 l/h	262 g/kWh

Torque rise

<i>Maximum torque, Engine speed corresponding</i>		167.9 Nm	1451 min ⁻¹
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Drawbar Test

<i>Front tyres, Rear tyres</i>	6.50 - 16	12.4 - 28
<u>Test with tractor</u>	<u>unballasted</u>	<u>ballasted</u>
<i>Total Mass</i>	1860 kg	2160 kg
<i>Maximum drawbar pull</i>	12.8 kN	14.6 kN
<i>at speed of</i>	5.71 km/h	1.94 km/h
<i>Maximum power</i>	25.3 kW	26.1 kW
<i>at speed of</i>	8.93 km/h	8.90 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 (couplers: 1 pair)</i>	23.5 l/min	15.0 MPa	5.9 kW
<i>Flow rate, Pressure, Power (couplers: 2 pairs or +)</i>			
<u>Maximum lifting force</u>			
<i>at the hitch points, at frame</i>	12.6 kN	9.9 kN	

