



**OECD approval number**

**1/2 006**

**OECD approval date**

**Full Code  
08/10/2002**

**Make**

**Xin Hu**

**Model**

**Hongli 650**

**Type**

**2 WD**

32 km/h

*Manufacturer*

Shandong Hongli Group Co., Ltd.

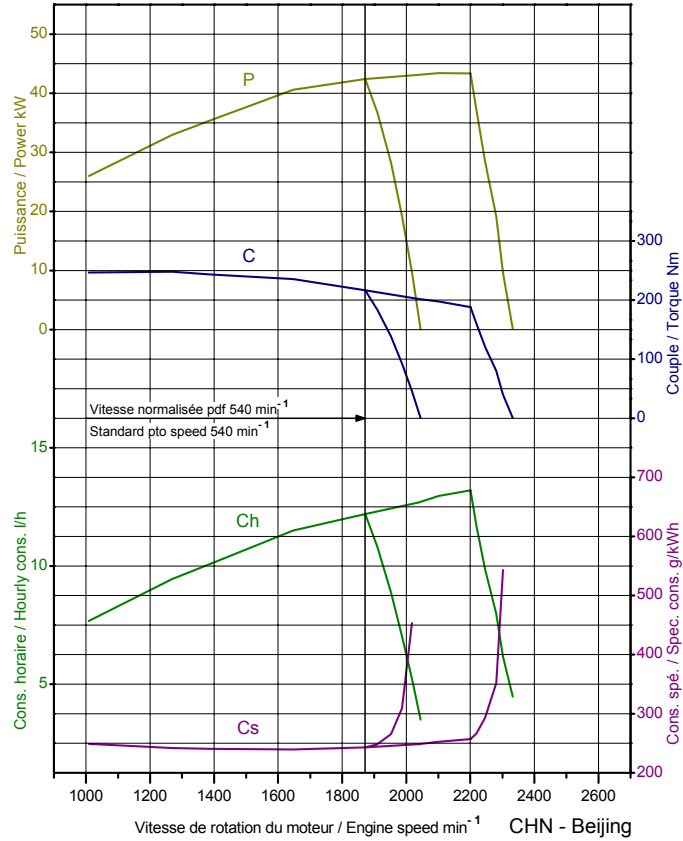
*Testing station:*

CAMTC, Beijing, China

Xin Hu Hongli 650

2 RM/WD

OCDE/OECD 1/2006



**Engine, Transmission, Power take-off Specifications**

<i>Make, Model</i>	Dongfanghong	LR4105T65
<i>Type, Supercharging</i>	Direct injection	None
<i>Cylinders, Disposition</i>	4	vertical in line
<i>Capacity, Cooling</i>	4330 cm <sup>3</sup>	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 2.12 to 32.10 km/h
<u>Standard Power take-off speed</u>		<u>540 min<sup>-1</sup></u> <u>1000 min<sup>-1</sup></u>
<i>Power take-off speed at rated engine speed</i>		635 min <sup>-1</sup> 1150 min <sup>-1</sup>
<i>Diameter of the shaft</i>		35 mm 35 mm
<i>Number of splines</i>		6 6

**Power take-off Test**Two hours test at maximum power

<i>Power, Engine and Power take-off speed</i>	43.4 kW	2101 min <sup>-1</sup>	606 min <sup>-1</sup>
<i>Hourly and specific consumption</i>		12.97 l/h	252 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	43.4 kW	2201 min <sup>-1</sup>	635 min <sup>-1</sup>
<i>Hourly and specific consumption</i>		13.19 l/h	257 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	42.4 kW	1872 min <sup>-1</sup>	540 min <sup>-1</sup>
<i>Hourly and specific consumption</i>		12.20 l/h	243 g/kWh

Torque rise

<i>Maximum torque. Engine speed corresponding</i>		248.1 Nm	1269 min <sup>-1</sup>
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**Drawbar Test**

<i>Front tyres, Rear tyres</i>		6.50 - 20	13.6 - 38
<u>Test with tractor</u>		<u>unballasted</u>	<u>ballasted</u>
<i>Total Mass</i>		3074 kg	3656 kg
<i>Maximum drawbar pull</i>		19.8 kN	24.8 kN
<i>at speed of</i>		1.80 km/h	1.74 km/h
<i>Maximum power</i>		37.6 kW	37.4 kW
<i>at speed of</i>		8.31 km/h	8.55 km/h

**Power Lift and Hydraulic Performance Test**

<i>Hydraulic system</i>			Opened centre
<i>Maximum lifting force at hitch points, at frame</i>		16.1 kN	10.4 kN
<u>At maximum hydraulic power</u>			
<i>Flow rate, Pressure, Power</i>	27.0 l/min	14.4 MPa	6.5 kW

