



OECD approval number

1/2 300

OECD approval date

Full Code

16/12/2005

Make

Dongfanhong

Model

1204

Type

4 WD

30 km/h

Manufacturer

China Yituo Group Co., Ltd

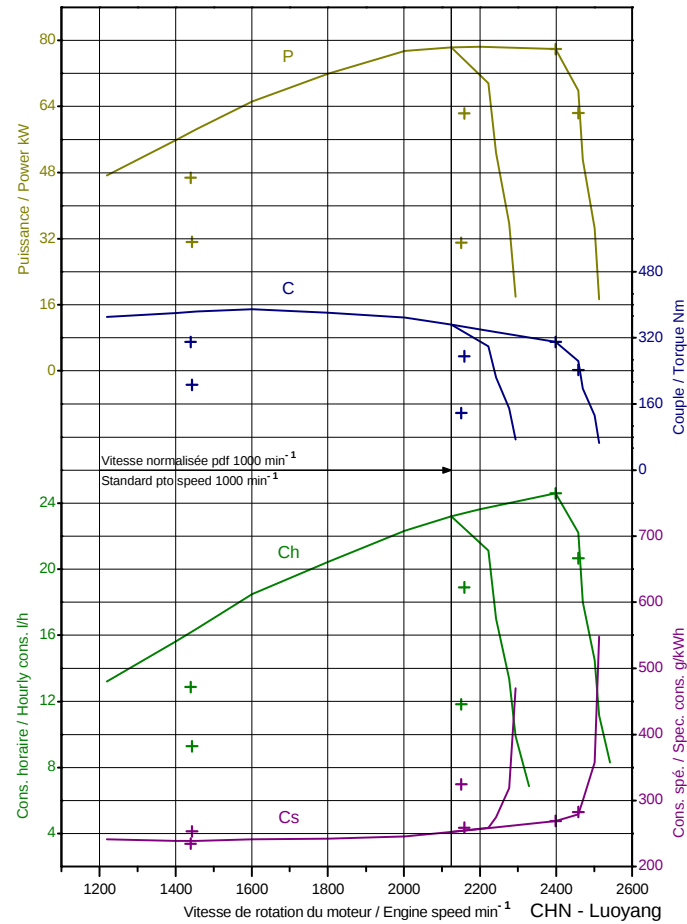
Testing station:

COTTEC, Luoyang, China

Dongfanhong 1204

4 RM/WD

OCDE/OECD 1/2300



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	Dongfanghong	LR6108T1
<i>Type, Supercharging</i>	Direct injection	None
<i>Cylinders, Disposition</i>	6	vertical in line
<i>Capacity, Cooling</i>	6870 cm ³	By water
<i>Gear box</i>		Mechanical
<i>Number of forward and reverse speeds</i>	12	4
<i>Speed at rated engine speed</i>	from 2.23	to 29.13 km/h
<i>Standard Power take-off speed</i>	540 min ⁻¹	1000 min ⁻¹
<i>Power take-off speed at rated engine speed</i>	610 min ⁻¹	996 min ⁻¹
<i>Diameter of the shaft</i>	35 mm	35 mm
<i>Number of splines</i>	6	21

Power take-off TestTwo hours test at maximum power

<i>Power, Engine and Power take-off speed</i>	78.4 kW	2199 min ⁻¹	559 min ⁻¹
<i>Hourly and specific consumption</i>		23.63 l/h	257 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	77.9 kW	2399 min ⁻¹	610 min ⁻¹
<i>Hourly and specific consumption</i>		24.60 l/h	269 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	78.3 kW	2124 min ⁻¹	540 min ⁻¹
<i>Hourly and specific consumption</i>		23.21 l/h	253 g/kWh

Torque rise

<i>Maximum torque, Engine speed corresponding</i>		389.0 Nm	1601 min ⁻¹
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Drawbar Test

<i>Front tyres, Rear tyres</i>	14.9 - 26	18.4 - 38
<i>Test with tractor</i>	<u>unballasted</u>	<u>ballasted</u>
<i>Total Mass</i>	4510 kg	5200 kg
<i>Maximum drawbar pull</i>	37.8 kN	42.0 kN
<i>at speed of</i>	4.28 km/h	2.11 km/h
<i>Maximum power</i>	66.6 kW	67.8 kW
<i>at speed of</i>	9.98 km/h	10.02 km/h

Hydraulic Performance and Power Lift Test

<i>Hydraulic system</i>			Opened centre
<i>At maximum hydraulic power</i>			
<i>Flow rate, Pressure, Power</i>	40.8 l/min	13.5 MPa	9.2 kW
<i>Maximum lifting force</i>			
<i>at hitch points, at frame</i>		28.0 kN	25.7 kN