



OECD approval number

1/2 309

OECD approval date

Full Code
23/01/2006

Make

Dongfeng

Model

204

Type

4 WD

30 km/h - 8 speeds

Manufacturer

Changzhou Dongfeng Agricultural
Machinery Group Co., Ltd

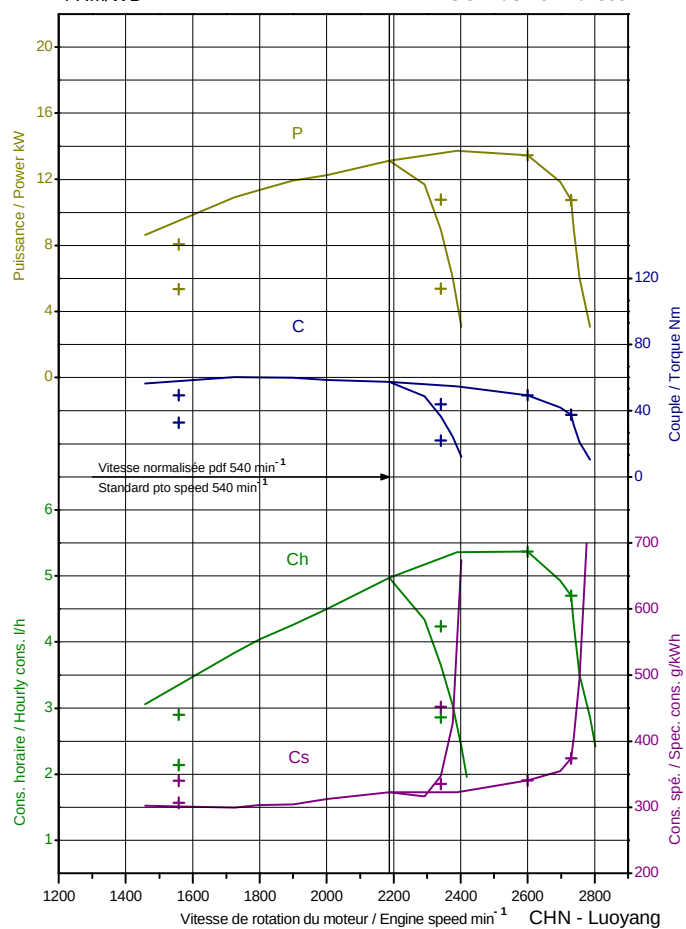
Testing station:

COTTEC, Luoyang, China

Dongfeng 204

4 RM/WD

OCDE/OECD 1/2309



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	Yangdong	Y380T
<i>Type, Supercharging</i>	Indirect injection	None
<i>Cylinders, Disposition</i>	3	vertical in line
<i>Capacity, Cooling</i>	1357 cm ³	By water
<i>Gear box</i>		Mechanical
<i>Number of forward and reverse speeds</i>	8	2
<i>Speed at rated engine speed</i>	from 1.16	to 27.30 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>	642 min ⁻¹	1162 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>	13.7 kW	2390 min ⁻¹	590 min ⁻¹
<i>Hourly and specific consumption</i>		5.36 l/h	333 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	13.5 kW	2600 min ⁻¹	642 min ⁻¹
<i>Hourly and specific consumption</i>		5.37 l/h	341 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	13.1 kW	2187 min ⁻¹	540 min ⁻¹
<i>Hourly and specific consumption</i>		4.97 l/h	323 g/kWh

Torque rise

		22.5 %	
<u>Maximum torque, Engine speed corresponding</u>	60.5 Nm	1725 min ⁻¹	

Drawbar Test

<i>Front tyres, Rear tyres</i>	6.00-12	8.3-24
<u>Test with tractor</u>	<u>unballasted</u>	<u>ballasted</u>
<i>Total Mass</i>	1335 kg	1641 kg
<i>Maximum drawbar pull</i>	11.1 kN	14.2 kN
<i>at speed of</i>	2.65 km/h	2.54 km/h
<i>Maximum power</i>	11.8 kW	12.1 kW
<i>at speed of</i>	5.29 km/h	5.36 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>	19.0 l/min	10.0 MPa	3.2 kW
<u>Maximum lifting force</u>			
<i>at hitch points, at frame</i>		7.4 kN	5.4 kN

