



OECD approval number

1/2 091

OECD approval date

Full Code

17/11/03

Make

Huanghai

Model

JM504

Type

4 WD

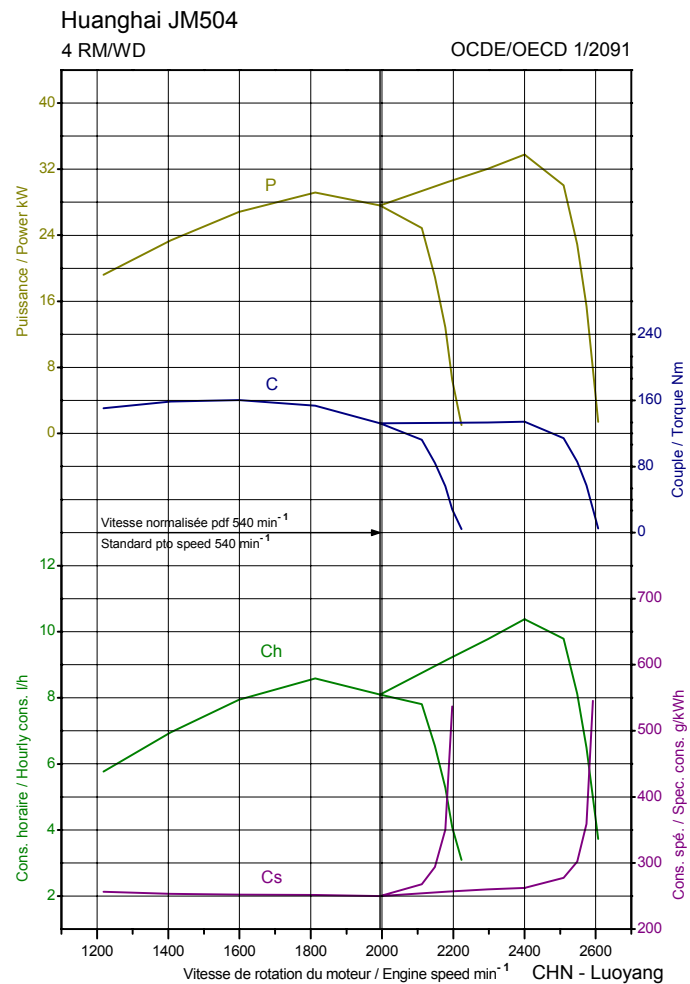
30 km/h

Manufacturer

Yancheng Tractor Works

Testing station:

COTTEC, Luoyang, China



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	Xingchang	495BT
<i>Type, Supercharging</i>	Direct injection	None
<i>Cylinders, Disposition</i>	4	vertical in line
<i>Capacity, Cooling</i>	2977 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 2.34 to 32.95 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>		650 min ⁻¹ None
<i>Diameter of the shaft</i>	34.79 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>	33.8 kW	2400 min ⁻¹	650 min ⁻¹
<i>Hourly and specific consumption</i>		10.38 l/h	262 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	33.7 kW	2400 min ⁻¹	650 min ⁻¹
<i>Hourly and specific consumption</i>		10.38 l/h	262 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	27.6 kW	1994 min ⁻¹	540 min ⁻¹
<i>Hourly and specific consumption</i>		8.10 l/h	250 g/kWh

Torque rise

		19.4 %
<u>Maximum torque, Engine speed corresponding</u>	160.3 Nm	1599 min ⁻¹

Drawbar Test*Front tyres, Rear tyres*

	8.3 - 20	12.4 - 28
<u>Test with tractor</u>	<u>unballasted</u>	<u>ballasted</u>

Total Mass

	1990 kg	2469 kg
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Maximum drawbar pull

	17.4 kN	19.7 kN
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at speed of

	5.10 km/h	2.19 km/h
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Maximum power

	28.2 kW	28.4 kW
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at speed of

	6.92 km/h	10.43 km/h
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Hydraulic Performance and Power Lift Test*Hydraulic system*

		Opened centre
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At maximum hydraulic power

<i>Flow rate, Pressure, Power</i>	22.2 l/min	16.0 MPa	5.9 kW
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Maximum lifting force

<i>at hitch points, at frame</i>		15.1 kN	8.9 kN
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