



OECD approval number

1/2 057

OECD approval date

Full Code
18/04/2003

Make

Huanghai

Model

JIN MA-354

Type

4 WD

Manufacturer

Yancheng Tractor Works

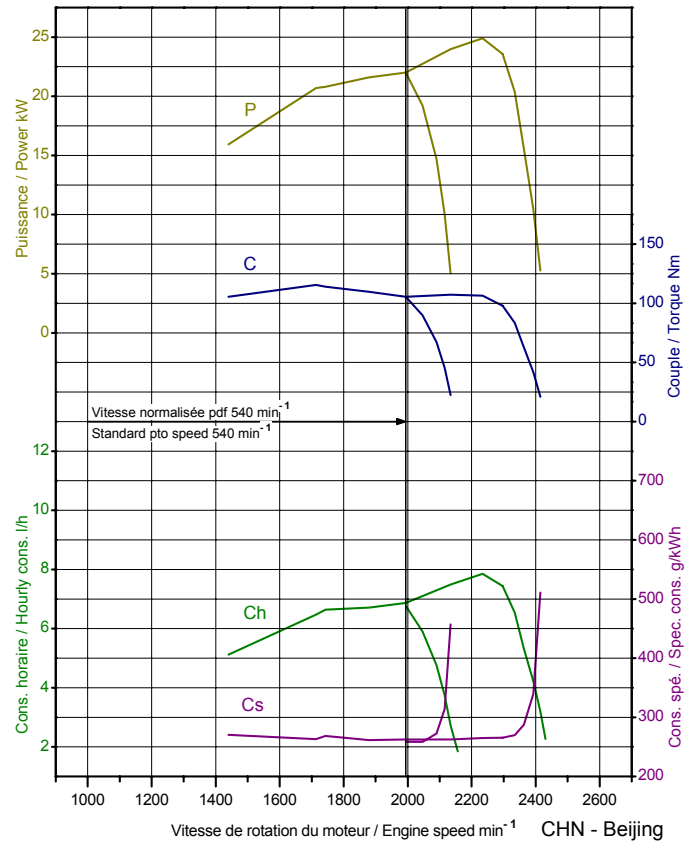
Testing station

CAMTC, Beijing, China

Huanghai JIN MA-354

4 RM/WD

OCDE/OECD 1/2057



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	Jianghuai	TY395IT
<i>Type, Supercharging</i>	Indirect injection	None
<i>Cylinders, Disposition</i>	3	vertical in line
<i>Capacity, Cooling</i>	2230 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 1.85	to 25.67 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>	623 min ⁻¹	None
<i>Diameter of the shaft</i>	35 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>	24.9 kW	2234 min ⁻¹	605 min ⁻¹
<i>Hourly and specific consumption</i>		7.85 l/h	265 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	23.6 kW	2297 min ⁻¹	622 min ⁻¹
<i>Hourly and specific consumption</i>		7.44 l/h	265 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	22.0 kW	1994 min ⁻¹	540 min ⁻¹
<i>Hourly and specific consumption</i>		6.77 l/h	259 g/kWh

Torque rise

		17.8 %	
--	--	--------	--

Maximum torque, Engine speed corresponding

115.4 Nm	1713 min ⁻¹
----------	------------------------

Drawbar Test*Front tyres, Rear tyres*

6.00 - 16	11.2 - 24
-----------	-----------

Test with tractor

<u>unballasted</u>	<u>ballasted</u>
--------------------	------------------

Total Mass

1750 kg	1944 kg
---------	---------

Maximum drawbar pull

13.9 kN	16.4 kN
---------	---------

at speed of

2.14 km/h	2.14 km/h
-----------	-----------

Maximum power

19.8 kW	20.0 kW
---------	---------

at speed of

7.46 km/h	7.41 km/h
-----------	-----------

Hydraulic Performance and Power Lift Test*Hydraulic system*

Opened centre

At maximum hydraulic power

<i>Flow rate, Pressure, Power</i>	18.9 l/min	11.0 MPa	3.5 kW
-----------------------------------	------------	----------	--------

Maximum lifting force

<i>at hitch points, at frame</i>		6.5 kN	4.6 kN
----------------------------------	--	--------	--------