



OECD approval number

1/1 867

OECD approval date

Full Code
07/12/1999

Make

Tong Yang

Model

T280

Type

4 WD

Manufacturer

Tong Yang Moolsan Co., Ltd.

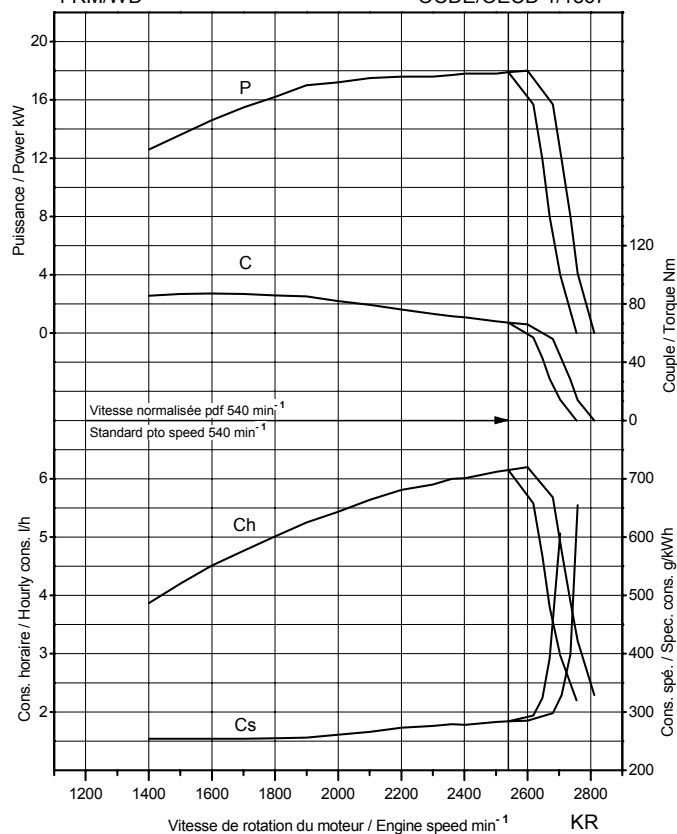
Testing station:

NAMRI, Suwon, Korea

Tong Yang T280

4 RM/WD

OCDE/OECD 1/1867



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	Kubota	D1503
<i>Type, Supercharging</i>	Indirect injection	None
<i>Cylinders, Disposition</i>	3	vertical in line
<i>Capacity, Cooling</i>	1499 cm ³	Liquid
<i>Gear box</i>		Mechanical
<i>Number of forward and reverse speeds</i>	16	16
<i>Speed at rated engine speed</i>	from 0.42	to 17.03 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>	553 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>	18.0 kW	2600 min ⁻¹	553 min ⁻¹
<i>Hourly and specific consumption</i>		6.20 l/h	285 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	18.0 kW	2600 min ⁻¹	553 min ⁻¹
<i>Hourly and specific consumption</i>		6.20 l/h	285 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	17.9 kW	2539 min ⁻¹	540 min ⁻¹
<i>Hourly and specific consumption</i>		6.15 l/h	284 g/kWh

Torque rise

		32.5 %
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<u>Maximum torque, Engine speed corresponding</u>	87.3 Nm	1600 min ⁻¹
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Drawbar Test*Front tyres, Rear tyres*

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<u>Test with tractor</u>	<u>unballasted</u>	<u>ballasted</u>
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<i>Total Mass</i>	1187 kg	1277 kg
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<i>Maximum drawbar pull</i>	8.1 kN	8.9 kN
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<i>at speed of</i>	2.84 km/h	2.82 km/h
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<i>Maximum power</i>	14.0 kW	14.1 kW
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<i>at speed of</i>	8.47 km/h	8.51 km/h
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Hydraulic Performance and Power Lift Test*Hydraulic system*

Opened centre

At maximum hydraulic power

<i>Flow rate, Pressure, Power</i>	21.0 l/min	9.8 MPa	3.4 kW
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Maximum lifting force

<i>at hitch points, at frame</i>	9.4 kN	4.9 kN
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