



OECD approval number

1/2 140

OECD approval date

Full Code
15/06/2004

Make

Foton Euroleopard

Model

FT804

Type

4 WD

40 km/h

Manufacturer

Hebei Xuangong Foton Heavy Industries Co., Ltd

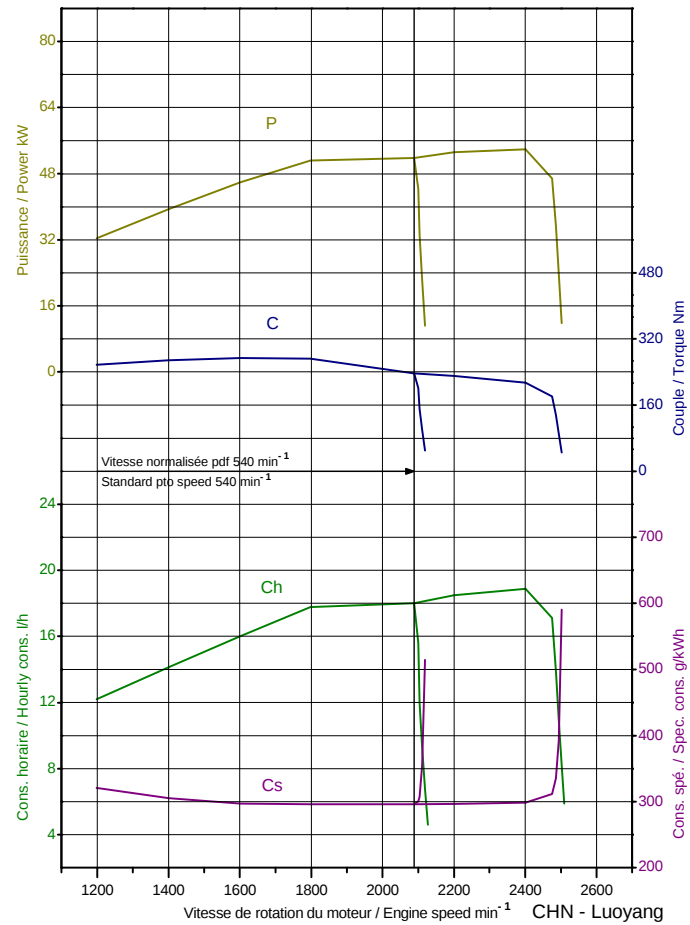
Testing station:

COTTEC, Luoyang, China

Foton Euroleopard FT804

4 RM/WD

OCDE/OECD 1/2140



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	Pakins	1004-4TRT104
<i>Type, Supercharging</i>	Direct injection	Yes
<i>Cylinders, Disposition</i>	4	vertical in line
<i>Capacity, Cooling</i>	3988 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 2.41	to 36.37 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>	621 min ⁻¹	1104 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>	53.9 kW	2401 min ⁻¹	621 min ⁻¹
<i>Hourly and specific consumption</i>		18.89 l/h	299 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	53.9 kW	2401 min ⁻¹	621 min ⁻¹
<i>Hourly and specific consumption</i>		18.89 l/h	299 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	51.9 kW	2088 min ⁻¹	540 min ⁻¹
<i>Hourly and specific consumption</i>		18.01 l/h	296 g/kWh

Torque rise

<i>Maximum torque, Engine speed corresponding</i>	274.4 Nm	1405 min ⁻¹
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Drawbar Test

<i>Front tyres, Rear tyres</i>	11.2 - 24	16.9 - 34
<i>Test with tractor</i>	<u>unballasted</u>	<u>ballasted</u>
<i>Total Mass</i>	3735 kg	4285 kg
<i>Maximum drawbar pull</i>	32.2 kN	36.6 kN
<i>at speed of</i>	3.36 km/h	2.17 km/h
<i>Maximum power</i>	47.4 kW	48.4 kW
<i>at speed of</i>	10.25 km/h	10.20 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>	34.3 l/min	13.0 MPa 7.4 kW
<i>Maximum lifting force</i>		
<i>at hitch points, at frame</i>		20.3 kN 16.3 kN