



OECD approval number

1/2 139

OECD approval date

Full Code
11/06/2004

Make

Foton Euroleopard

Model

FT254A

Type

4 WD

30 km/h

Manufacturer

Hebei Xuangong Foton Heavy Industries Co., Ltd

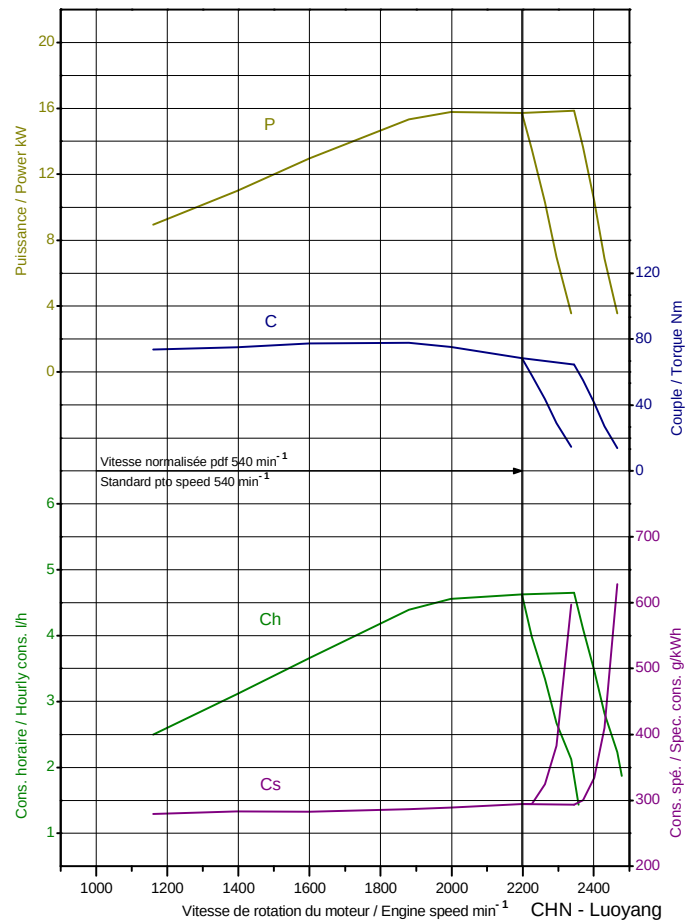
Testing station:

COTTEC, Luoyang, China

Foton Euroleopard FT254A

4 RM/WD

OCDE/OECD 1/2139



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	Yangdong	Y385T
<i>Type, Supercharging</i>	Indirect injection	None
<i>Cylinders, Disposition</i>	3	vertical in line
<i>Capacity, Cooling</i>	2040 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 2.08	to 31.63 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>	577 min ⁻¹	1068 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>	15.9 kW	2344 min ⁻¹	576 min ⁻¹
<i>Hourly and specific consumption</i>		5.46 l/h	293 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	15.9 kW	2344 min ⁻¹	576 min ⁻¹
<i>Hourly and specific consumption</i>		5.46 l/h	293 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	15.7 kW	2198 min ⁻¹	540 min ⁻¹
<i>Hourly and specific consumption</i>		5.43 l/h	295 g/kWh

Torque rise

<i>Maximum torque, Engine speed corresponding</i>		77.9 Nm	1880 min ⁻¹
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Drawbar Test

<i>Front tyres, Rear tyres</i>	6.00 - 14	9.5 - 24
<i>Test with tractor</i>	<u>unballasted</u>	<u>ballasted</u>
<i>Total Mass</i>	1230 kg	1430 kg
<i>Maximum drawbar pull</i>	10.6 kN	11.4 kN
<i>at speed of</i>	1.81 km/h	2.77 km/h
<i>Maximum power</i>	14.5 kW	14.7 kW
<i>at speed of</i>	9.06 km/h	9.10 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>	12.8 l/min	11.0 MPa	2.4 kW
<i>Maximum lifting force</i>			
<i>at hitch points, at frame</i>		6.7 kN	4.6 kN