



OECD approval number

2/2 393

OECD approval date

24/01/2008

Make

Caron

Model

570 AR

Type

4 WD

2100 - 40 km/h

Manufacturer

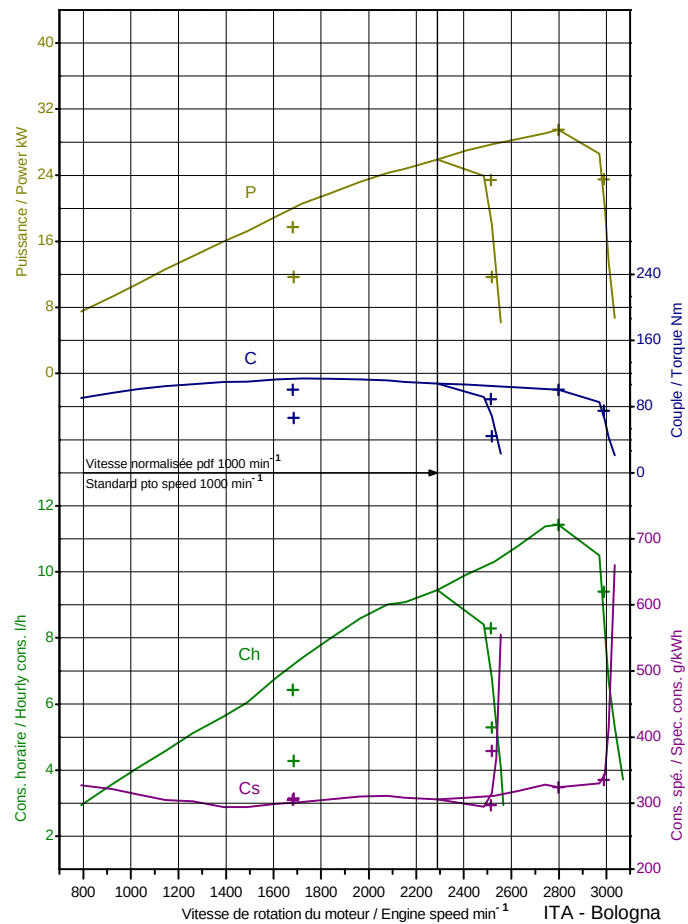
Officine Brevetti Caron S.r.l.

Testing station: Università di Bologna, Bologna, Italy

Caron 570 AR

4 RM/WD

OCDE/OECD 2/2393



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	Lombardini	LDW 2204/G
<i>Type, Supercharging</i>	Indirect injection	None
<i>Cylinders, Disposition</i>	4	vertical in line
<i>Capacity, Cooling</i>	2199 cm ³	Liquid
<i>Gear box</i>		Mechanical
<i>Number of forward and reverse speeds</i>	16	8
<i>Speed at rated engine speed</i>	from 1.70	to 33.15 km/h
<i>Standard Power take-off speed</i>	<u>540 min⁻¹</u>	<u>1000 min⁻¹</u>
<i>Power take-off speed at rated engine speed</i>	634.9 min ⁻¹	1222.7 min ⁻¹
<i>Diameter of the shaft</i>	34.9 mm	34.9 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>	29.5 kW	2798 min ⁻¹	1222 min ⁻¹
<i>Hourly and specific consumption</i>		11.42 l/h	324 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	29.5 kW	2798 min ⁻¹	1222 min ⁻¹
<i>Hourly and specific consumption</i>		11.42 l/h	324 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	25.9 kW	2290 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		9.45 l/h	306 g/kWh

Torque rise

<i>Maximum torque, Engine speed corresponding</i>	114.2 Nm	1722 min ⁻¹	13.4 %
---	----------	------------------------	--------

Drawbar Test

<i>Front tyres, Rear tyres</i>	10.0/75 - 15.3	10.0/75 - 15.3
<i>Test with tractor</i>	<u>unballasted</u>	<u>ballasted</u>
<i>Total Mass</i>	1820 kg	
<i>Maximum drawbar pull</i>	14.9 kN	Not
<i>at speed of</i>	2.27 km/h	required
<i>Maximum power</i>	25.4 kW	
<i>at speed of</i>	10.52 km/h	

Hydraulic Performance and Power Lift Test

<i>Hydraulic system</i>	Not fitted
-------------------------	------------