



OECD approval number
OECD approval date
Make
Model
Type

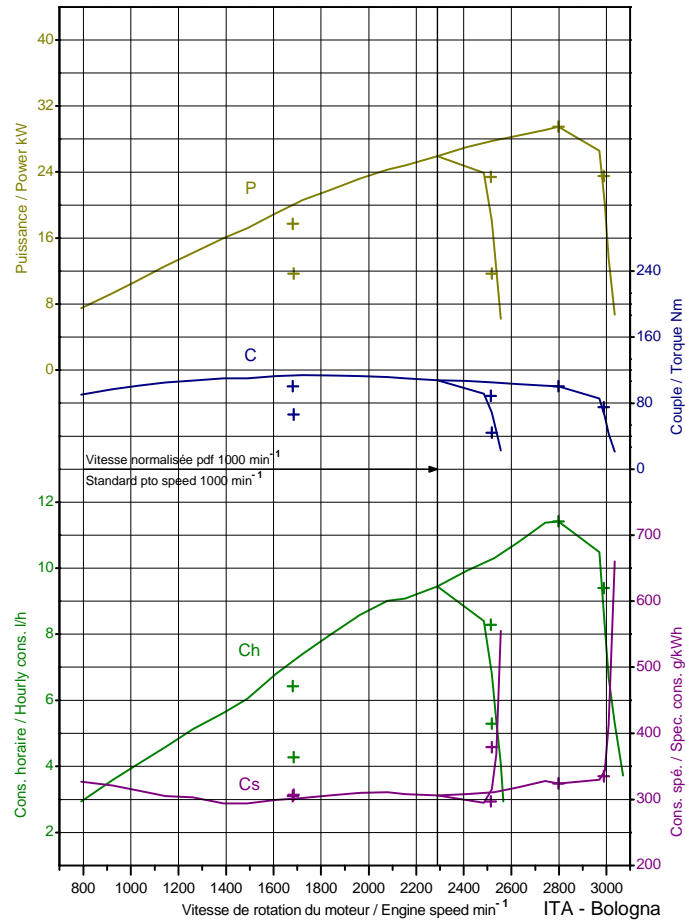
2/2 393
24/01/2008
Caron
670 AR
4 WD

2100 - 40 km/h

Manufacturer Officine Brevetti Caron S.r.l.
Testing station: Università di Bologna, Bologna, Italy

Caron 670 AR
4 RMWD

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
<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>		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
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Drawbar Test

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