



OECD approval number

2/1 895

Restricted Code

OECD approval date

22/03/00

Make

Case IH

Model

CX 70

Type

4 WD

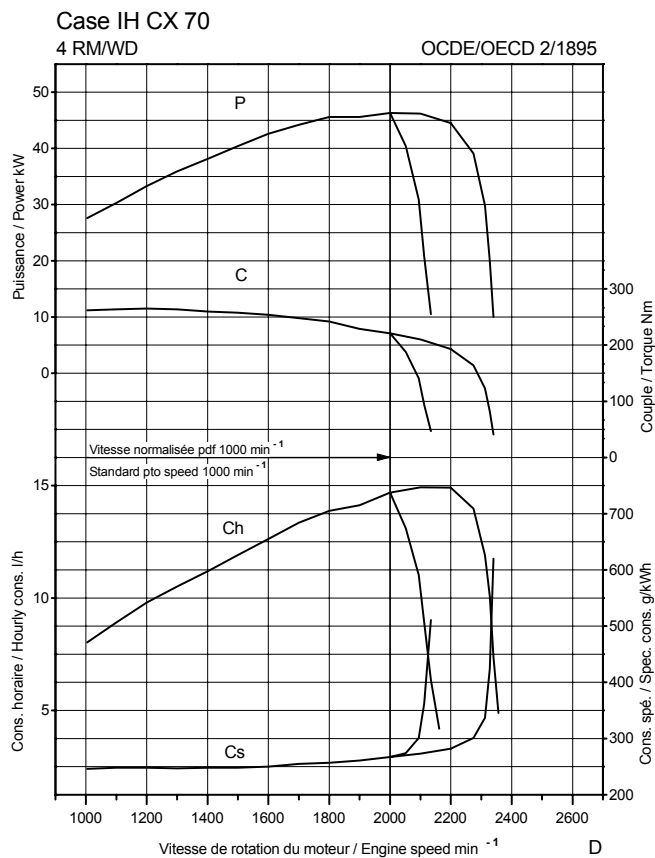
CX 70 A - 40 km/h

Manufacturer

Case United Kingdom Limited

Testing station:

DLG, Gross-Umstadt, Germany



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	Perkins	1004-4 HR
<i>Type, Supercharging</i>	Direct injection	None
<i>Cylinders, Disposition</i>	4	in line
<i>Capacity, Cooling</i>	4232 cm ³	By water
<i>Gear box</i>		Mechanical powershift
<i>Number of forward and reverse speeds</i>	16	8
<i>Speed at rated engine speed</i>	from 2.12	to 39.22 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>	596 min ⁻¹	1100 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>	46.3 kW	2000 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		14.69 l/h	267 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	44.5 kW	2200 min ⁻¹	1100 min ⁻¹
<i>Hourly and specific consumption</i>		14.91 l/h	282 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	46.3 kW	2000 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		14.69 l/h	267 g/kWh

Torque rise

		37.3 %
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<u>Maximum torque, Engine speed corresponding</u>	265.0 Nm	1200 min ⁻¹
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Drawbar Test*Front tyres, Rear tyres*

	13.6 - 24	18.4 - 34
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<u>Test with tractor</u>	<u>unballasted</u>	<u>ballasted</u>
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Total Mass

	3675 kg	
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<i>Maximum drawbar pull</i>	42.2 kN	Not
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<i>at speed of</i>	1.89 km/h	required
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<i>Maximum power</i>	41.1 kW	in
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<i>at speed of</i>	5.90 km/h	Code 2
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Power Lift and Hydraulic Performance Test*Hydraulic system*

		Opened centre
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<i>Maximum lifting force at hitch points, at frame</i>	15.4 kN	11.6 kN
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At maximum hydraulic power

<i>Flow rate, Pressure, Power</i>	54.5 l/min	15.8 MPa	14.4 kW
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