



OECD approval number

2/1 898

Restricted Code

OECD approval date

12/04/00

Make

Case IH

Model

CX 90

Type

4 WD

CX 90 A - 40 km/h

Manufacturer

Case United Kingdom Limited

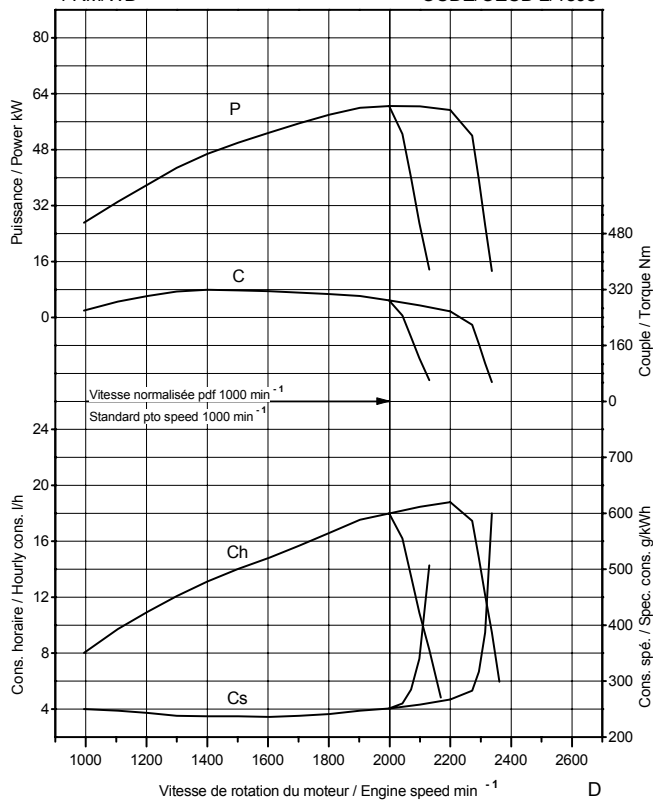
Testing station:

DLG, Gross-Umstadt, Germany

Case IH CX 90

4 RM/WD

OCDE/OECD 2/1898



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	Perkins	1004-4T HR
<i>Type, Supercharging</i>	Direct injection	Yes
<i>Cylinders, Disposition</i>	4	in line
<i>Capacity, Cooling</i>	3990 cm ³	By water
<i>Gear box</i>		Mechanical
<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>	60.5 kW	2000 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		18.00 l/h	251 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	59.4 kW	2200 min ⁻¹	1100 min ⁻¹
<i>Hourly and specific consumption</i>		18.81 l/h	267 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	60.5 kW	1998 min ⁻¹	999 min ⁻¹
<i>Hourly and specific consumption</i>		18.01 l/h	251 g/kWh

Torque rise

<i>Maximum torque, Engine speed corresponding</i>	319.0 Nm	1400 min ⁻¹	23.6 %
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Drawbar Test*Front tyres, Rear tyres*

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

<i>Maximum drawbar pull</i>	3705 kg	
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at speed of

<i>Maximum power</i>	41.1 kN	Not
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at speed of

	2.26 km/h	required
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Power Lift and Hydraulic Performance Test*Hydraulic system*

<i>Maximum lifting force at hitch points, at frame</i>	23.9 kN	Opened centre
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At maximum hydraulic power

<i>Flow rate, Pressure, Power</i>	53.2 l/min	16.0 MPa	14.2 kW
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