



OECD approval number

2/1 972

Restricted Code

OECD approval date

06/11/2001

Make

Case IH

Model

CS 94a M2

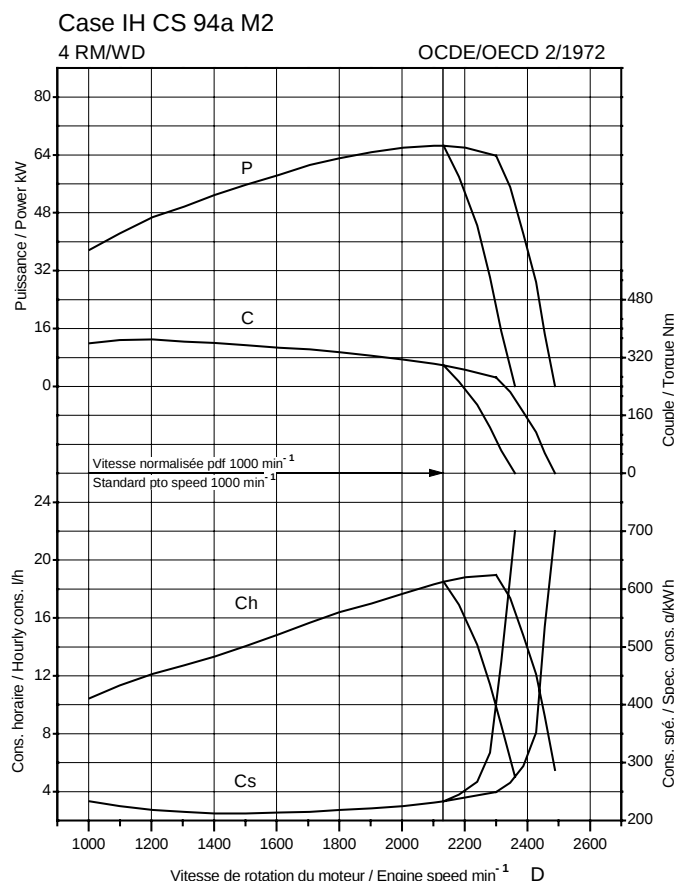
Type

4 WD

9057.85 - 40 km/h

Manufacturer Case Steyr Landmaschinentechnik GmbH

Testing station: DLG, Gross-Umstadt, Germany



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	Case Steyr	420.88
<i>Type, Supercharging</i>	Direct injection	Yes
<i>Cylinders, Disposition</i>	4	vertical in line
<i>Capacity, Cooling</i>	4397 cm ³	Liquid
<i>Gear box</i>		Mechanical synchronized
<i>Number of forward and reverse speeds</i>	16	16
<i>Speed at rated engine speed</i>	from 2.26	to 37.88 km/h
<u>Standard Power take-off speed</u>	540 min ⁻¹	1000 min ⁻¹
<i>Power take-off speed at rated engine speed</i>	607 min ⁻¹	1080 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>	66.6 kW	2102 min ⁻¹	987 min ⁻¹
<i>Hourly and specific consumption</i>		18.33 l/h	231 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	63.8 kW	2300 min ⁻¹	1080 min ⁻¹
<i>Hourly and specific consumption</i>		18.96 l/h	249 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	66.6 kW	2132 min ⁻¹	1001 min ⁻¹
<i>Hourly and specific consumption</i>		18.51 l/h	233 g/kWh

Torque rise

<i>Maximum torque, Engine speed corresponding</i>		370.0 Nm	1205 min ⁻¹
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Drawbar Test*Front tyres, Rear tyres*

<u>Test with tractor</u>	480/65 - 24	540/65 - 38
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Total Mass

	unballasted	ballasted
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<i>Maximum drawbar pull</i>	4050 kg	
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<i>at speed of</i>	43.1 kN	Not
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<i>Maximum power</i>	3.47 km/h	required
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<i>at speed of</i>	58.2 kW	in
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	11.65 km/h	Code 2
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Power Lift and Hydraulic Performance Test

<i>Hydraulic system</i>		Opened centre
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<i>Maximum lifting force at hitch points, at frame</i>	38.7 kN	34.2 kN
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<u>At maximum hydraulic power</u>		
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<i>Flow rate, Pressure, Power</i>	47.6 l/min	17.6 MPa	14.0 kW
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