

OECD approval number

2/1 626/1

OECD approval date

Restricted Code

26/05/1998

Make

Case IH

Model

8920

Type

4 WD

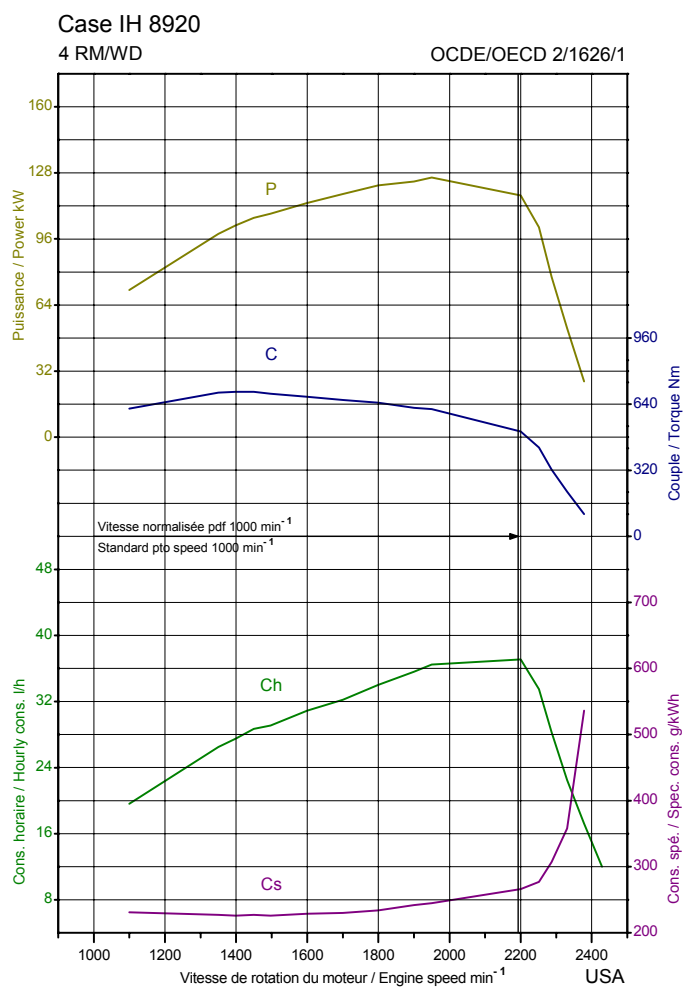
MFWD - 18 speeds - 30 km/h

Manufacturer

Case Corporation

Testing station:

Nebraska Tractor Test Laboratory, Lincoln, USA



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	Consolidated Diesel Co	6T-830
<i>Type, Supercharging</i>	Direct injection	Yes
<i>Cylinders, Disposition</i>	6	vertical in line
<i>Capacity, Cooling</i>	8268 cm ³	Liquid
<i>Gear box</i>		Mechanical powershift
<i>Number of forward and reverse speeds</i>	18	4
<i>Speed at rated engine speed</i>	from 2.90	to 30.77 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>	547 min ⁻¹	1003 min ⁻¹
<i>Diameter of the shaft</i>	35 mm	35 mm
<i>Number of splines</i>	6	21

Power take-off TestTwo hours test at maximum power

<i>Power, Engine and Power take-off speed</i>	125.7 kW	1950 min ⁻¹	889 min ⁻¹
<i>Hourly and specific consumption</i>		36.54 l/h	245 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	117.0 kW	2200 min ⁻¹	1003 min ⁻¹
<i>Hourly and specific consumption</i>		37.05 l/h	266 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	117.0 kW	2200 min ⁻¹	1003 min ⁻¹
<i>Hourly and specific consumption</i>		37.05 l/h	266 g/kWh

Torque rise

37.8 %

Maximum torque, Engine speed corresponding700.0 Nm 1399 min⁻¹**Drawbar Test***Front tyres, Rear tyres*

14.9 R 30 20.8 R 38

Test with tractorunballasted ballasted*Total Mass*

7901 kg 9331 kg

Maximum drawbar pull

74.9 kN 91.6 kN

at speed of

3.93 km/h 3.61 km/h

Maximum power

106.9 kW 109.7 kW

at speed of

9.02 km/h 5.91 km/h

Hydraulic Performance and Power Lift Test*Hydraulic system*

Closed centre

At maximum hydraulic power

<i>Flow rate, Pressure, Power</i>	103.7 l/min	15.4 MPa	26.6 kW
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Maximum lifting force

<i>at hitch points, at frame</i>		39.8 kN	38.4 kN
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