



OECD approval number

2/1 758

OECD approval date

Restricted Code

26/05/1998

Make

Case IH

Model

7210 PRO

Type

4 WD

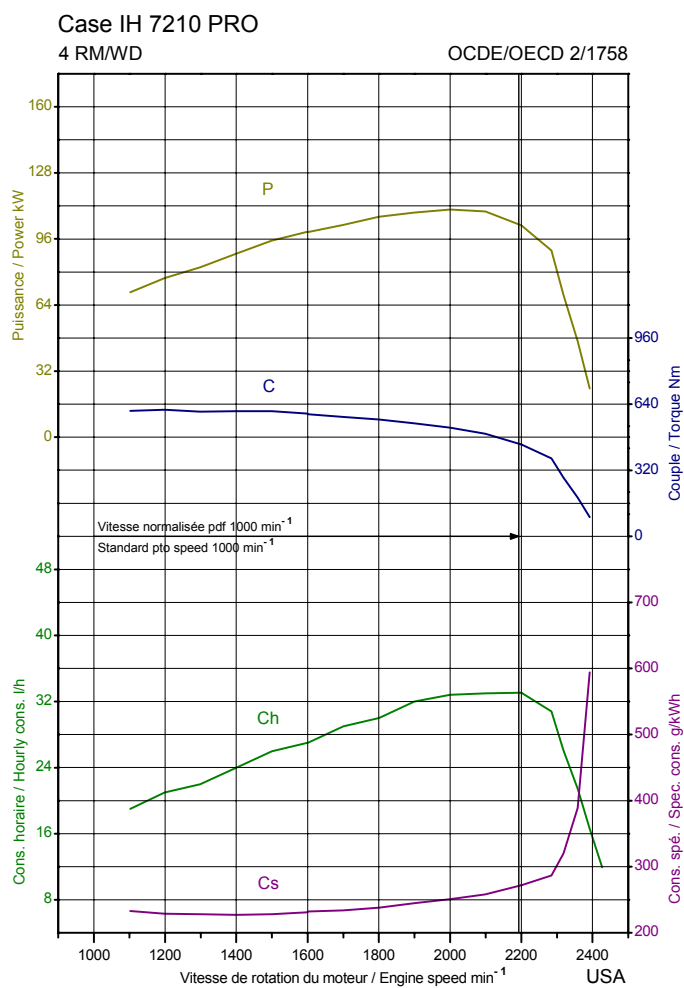
MFWD - 18 speeds - 30 km/h

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 2.78 to 29.51 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>	110.3 kW	2000 min ⁻¹	910 min ⁻¹
<i>Hourly and specific consumption</i>		32.82 l/h	251 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	102.5 kW	2200 min ⁻¹	1002 min ⁻¹
<i>Hourly and specific consumption</i>		33.06 l/h	272 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	102.5 kW	2200 min ⁻¹	1002 min ⁻¹
<i>Hourly and specific consumption</i>		33.06 l/h	272 g/kWh

Torque rise

38.0 %

Maximum torque, Engine speed corresponding614.0 Nm 1199 min⁻¹**Drawbar Test***Front tyres, Rear tyres*

14.9 R 28 18.4 R 38

Test with tractorunballasted ballasted*Total Mass*

7818 kg 8523 kg

Maximum drawbar pull

73.5 kN 88.1 kN

at speed of

3.72 km/h 3.32 km/h

Maximum power

92.3 kW 96.1 kW

at speed of

6.69 km/h 5.84 km/h

Hydraulic Performance and Power Lift Test*Hydraulic system*

Closed centre

At maximum hydraulic power

<i>Flow rate, Pressure, Power</i>	104.9 l/min	14.1 MPa	24.7 kW
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Maximum lifting force

<i>at hitch points, at frame</i>		36.3 kN	34.6 kN
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