



OECD approval number

1/1 773

OECD approval date

Full Code
24/08/1998

Make

Case IH

Model

CS 48 a

Type

4 WD

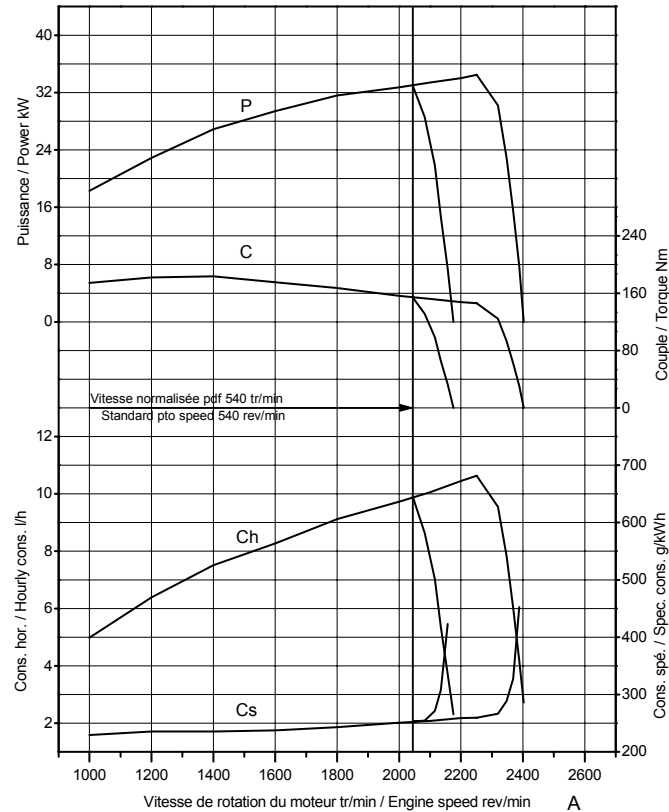
9015.15 - 40 km/h

Manufacturer Case Steyr Landmaschinentechnik AG

Testing station: BLT, Wieselburg, Austria

Case-IH CS 48 a
4 RM/WD

OCDE/OECD 1/1773



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	Perkins	903-27
<i>Type, Supercharging</i>	Direct injection	None
<i>Cylinders, Disposition</i>	3	vertical in line
<i>Capacity, Cooling</i>	2700 cm ³	Liquid
<i>Gear box</i>		Mechanical
<i>Number of forward and reverse speeds</i>	16	8
<i>Speed at rated engine speed</i>	from 1.94	to 37.66 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>	594 min ⁻¹	1056 min ⁻¹
<i>Diameter of the shaft</i>	34.9 mm	34.9 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>	34.5 kW	2250 min ⁻¹	594 min ⁻¹
<i>Hourly and specific consumption</i>		10.63 l/h	260 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	34.5 kW	2250 min ⁻¹	594 min ⁻¹
<i>Hourly and specific consumption</i>		10.63 l/h	260 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	33.0 kW	2044 min ⁻¹	540 min ⁻¹
<i>Hourly and specific consumption</i>		9.91 l/h	253 g/kWh

Torque rise

25.5 %

Maximum torque, Engine speed corresponding183.5 Nm 1400 min⁻¹**Drawbar Test***Front tyres, Rear tyres*

10.5 - 20 14.9 R 28

Test with tractorunballasted ballasted*Total Mass*

2780 kg 3810 kg

Maximum drawbar pull

26.5 kN 34.8 kN

at speed of

2.92 km/h 2.20 km/h

Maximum power

27.8 kW 29.2 kW

at speed of

6.08 km/h 6.19 km/h

Hydraulic Performance and Power Lift Test*Hydraulic system*

Opened centre

At maximum hydraulic power

<i>Flow rate, Pressure, Power</i>	25.3 l/min	17.0 MPa	7.2 kW
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Maximum lifting force

<i>at hitch points, at frame</i>		16.4 kN	10..7 kN
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