



OECD approval number

1/2 162

OECD approval date

**Full Code
12/08/2004**

Make

Case IH

Model

JX 1070 C

Type

4 WD

H2C6 - 16 speeds - 40 km/h

Manufacturer

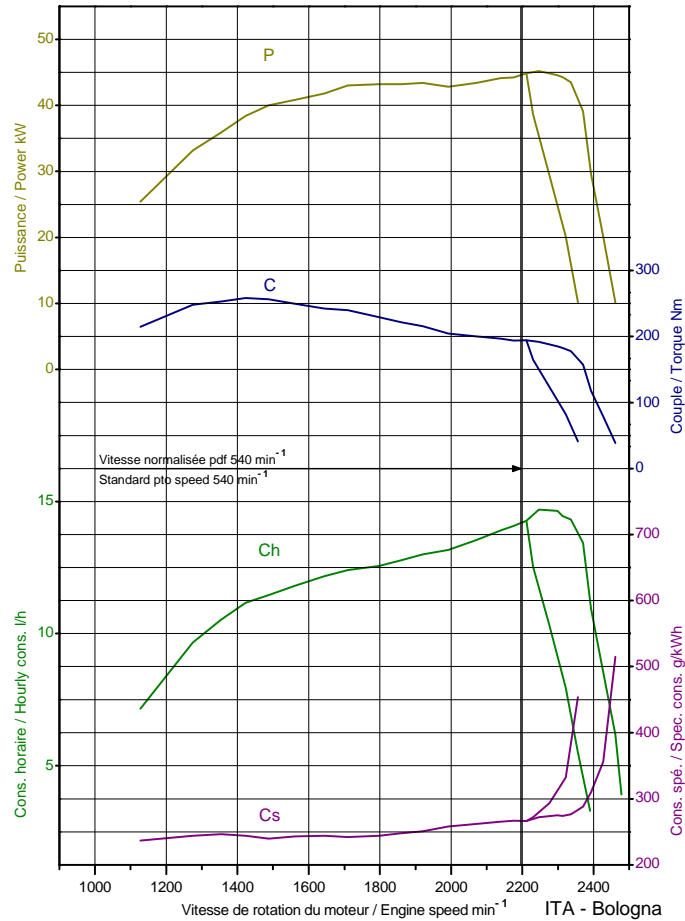
CNH International S.A.

Testing station: Università di Bologna, Bologna, Italy

Case IH JX 1070 C

4 RM/WD

OCDE/OECD 1/2162



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	CNH Italia	IVECO 8035.25R	
<i>Type, Supercharging</i>	Direct injection	Yes	
<i>Cylinders, Disposition</i>	3	vertical in line	
<i>Capacity, Cooling</i>	2930 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 0.78	to 37.77 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>		565 min ⁻¹	1017 min ⁻¹
<i>Diameter of the shaft</i>		35 mm	35 mm
<i>Number of splines</i>		6	21

Power take-off Test

<u>Two hours test at maximum power</u>			
<i>Power, Engine and Power take-off speed</i>	45.2 kW	2248 min ⁻¹	552 min ⁻¹
<i>Hourly and specific consumption</i>		14.70 l/h	272 g/kWh
<u>Test at maximum power at rated engine speed</u>			
<i>Power, Engine and Power take-off speed</i>	44.6 kW	2299 min ⁻¹	565 min ⁻¹
<i>Hourly and specific consumption</i>		14.65 l/h	275 g/kWh
<u>Test at standard Power take-off speed</u>			
<i>Power, Engine and Power take-off speed</i>	44.9 kW	2211 min ⁻¹	543 min ⁻¹
<i>Hourly and specific consumption</i>		14.27 l/h	266 g/kWh
<u>Torque rise</u>			39.2 %
<u>Maximum torque, Engine speed corresponding</u>		257.9 Nm	1423 min ⁻¹

Drawbar Test

<i>Front tyres, Rear tyres</i>		11.2 R 24	16.9 R 30
<u>Test with tractor</u>		<u>unballasted</u>	<u>ballasted</u>
<i>Total Mass</i>		2925 kg	3415 kg
<i>Maximum drawbar pull</i>		25.5 kN	29.7 kN
<i>at speed of</i>		3.00 km/h	3.62 km/h
<i>Maximum power</i>		38.2 kW	38.0 kW
<i>at speed of</i>		11.29 km/h	8.50 km/h

Hydraulic Performance and Power Lift Test

<i>Hydraulic system</i>			Opened centre
<u>At maximum hydraulic power</u>			
<i>Flow rate, Pressure, Power</i>	36.2 l/min	19.5 MPa	11.8 kW
<u>Maximum lifting force</u>			
<i>at hitch points, at frame</i>		21.0 kN	17.5 kN

