



OECD approval number

1/2 163

OECD approval date

Full Code
30/08/2004

Make

Case IH

Model

JX 1070 C

Type

2 WD

H2C2 - 16 speeds - 30 km/h

Manufacturer

CNH International S.A.

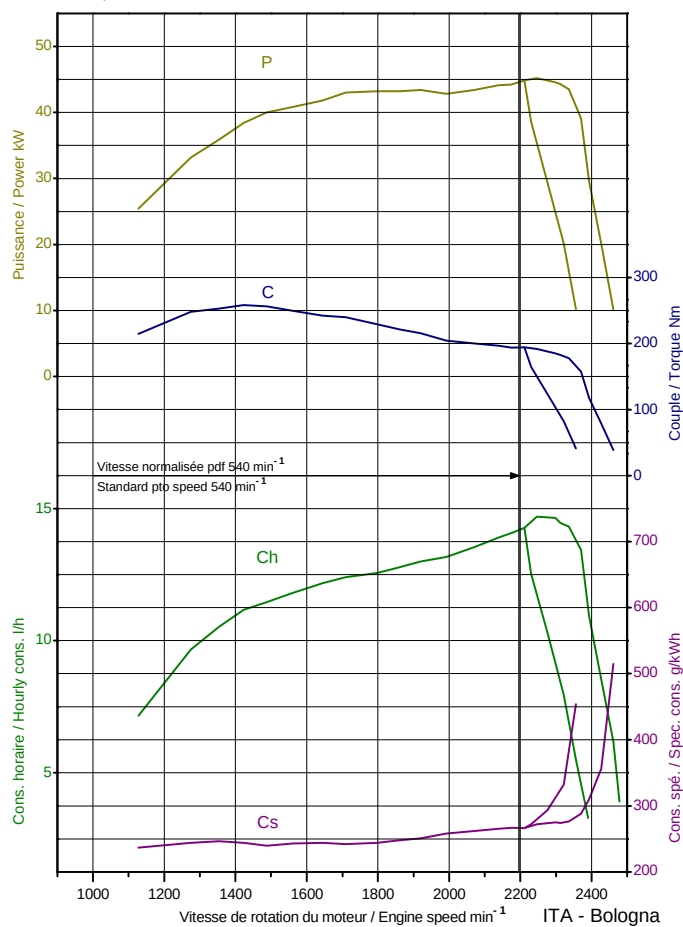
Testing station:

Università di Bologna, Bologna, Italy

Case IH JX 1070 C

2 RM/WD

OCDE/OECD 1/2163



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 0.63 to 30.13 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 TestTwo hours test at maximum power

<i>Power, Engine and Power take-off speed</i>	45.2 kW	2248 min ⁻¹	552 min ⁻¹
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<i>Hourly and specific consumption</i>		14.70 l/h	272 g/kWh
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Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	44.6 kW	2299 min ⁻¹	565 min ⁻¹
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<i>Hourly and specific consumption</i>		14.65 l/h	275 g/kWh
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Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	44.9 kW	2211 min ⁻¹	543 min ⁻¹
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<i>Hourly and specific consumption</i>		14.27 l/h	266 g/kWh
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<u>Torque rise</u>			39.2 %
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<u>Maximum torque, Engine speed corresponding</u>		257.9 Nm	1423 min ⁻¹
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Drawbar Test

<i>Front tyres, Rear tyres</i>		7.50 - 16	16.9 R 30
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<u>Test with tractor</u>		<u>unballasted</u>	<u>ballasted</u>
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<i>Total Mass</i>		2685 kg	3175 kg
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<i>Maximum drawbar pull</i>		21.7 kN	23.2 kN
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<i>at speed of</i>		4.32 km/h	2.41 km/h
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<i>Maximum power</i>		37.9 kW	37.2 kW
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<i>at speed of</i>		13.22 km/h	8.53 km/h
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Hydraulic Performance and Power Lift Test

<i>Hydraulic system</i>			Opened centre
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At maximum hydraulic power

<i>Flow rate, Pressure, Power</i>	36.2 l/min	19.5 MPa	11.8 kW
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Maximum lifting force

<i>at hitch points, at frame</i>		21.0 kN	17.5 kN
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