



OECD approval number

1/2 114

OECD approval date

Full Code
11/03/2004

Make

Case IH

Model

JX 1075 C

Type

4 WD

H3C7 - 16 speeds - 40 km/h

Manufacturer

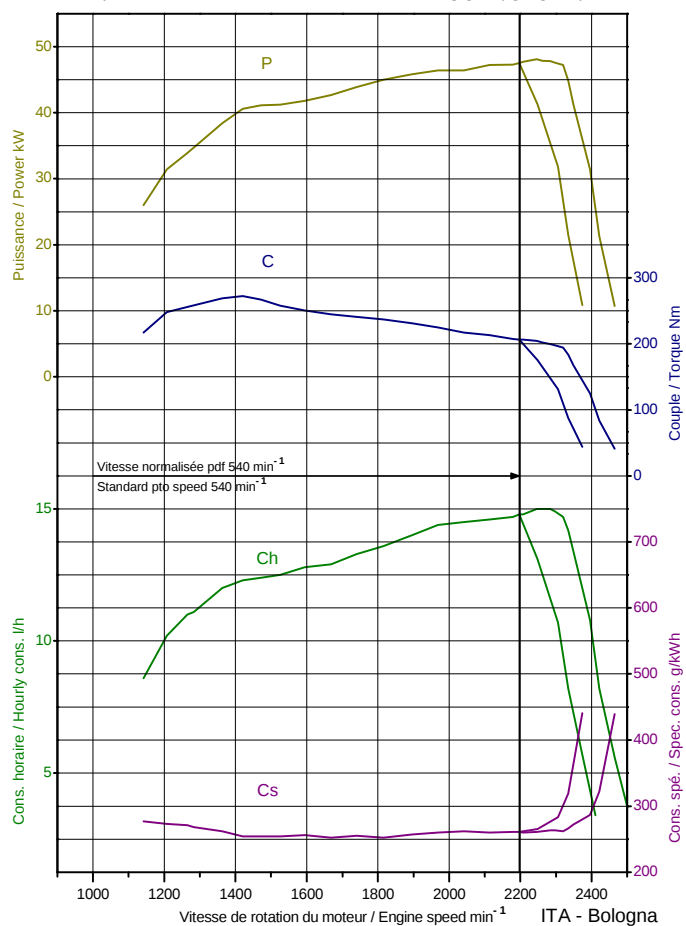
CNH International S.A.

Testing station: Università di Bologna, Bologna, Italy

Case IH JX 1075 C

4 RM/WD

OCDE/OECD 1/2114



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	CNH Italia	IVECO 8035.25
<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 TestTwo hours test at maximum power

<i>Power, Engine and Power take-off speed</i>	48.1 kW	2246 min ⁻¹	552 min ⁻¹
<i>Hourly and specific consumption</i>		15.00 l/h	261 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	47.6 kW	2298 min ⁻¹	565 min ⁻¹
<i>Hourly and specific consumption</i>		14.90 l/h	263 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	47.5 kW	2197 min ⁻¹	540 min ⁻¹
<i>Hourly and specific consumption</i>		14.80 l/h	261 g/kWh

Torque rise

<i>Maximum torque, Engine speed corresponding</i>		272.5 Nm	1421 min ⁻¹
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Drawbar Test*Front tyres, Rear tyres*

<u>Test with tractor</u>		<u>unballasted</u>	<u>ballasted</u>
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Total Mass

		3410 kg	2925 kg
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Maximum drawbar pull

		25.9 kN	30.0 kN
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at speed of

		2.37 km/h	2.31 km/h
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Maximum power

		41.2 kW	41.3 kW
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at speed of

		11.32 km/h	11.42 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>	56.4 l/min	16.1 MPa	15.2 kW
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Maximum lifting force

<i>at hitch points, at frame</i>		20.7 kN	17.2 kN
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