



OECD approval number

1/2 280

OECD approval date

Full Code

14/10/2005

Make

Case IH

Model

JX1080U

Type

4 WD

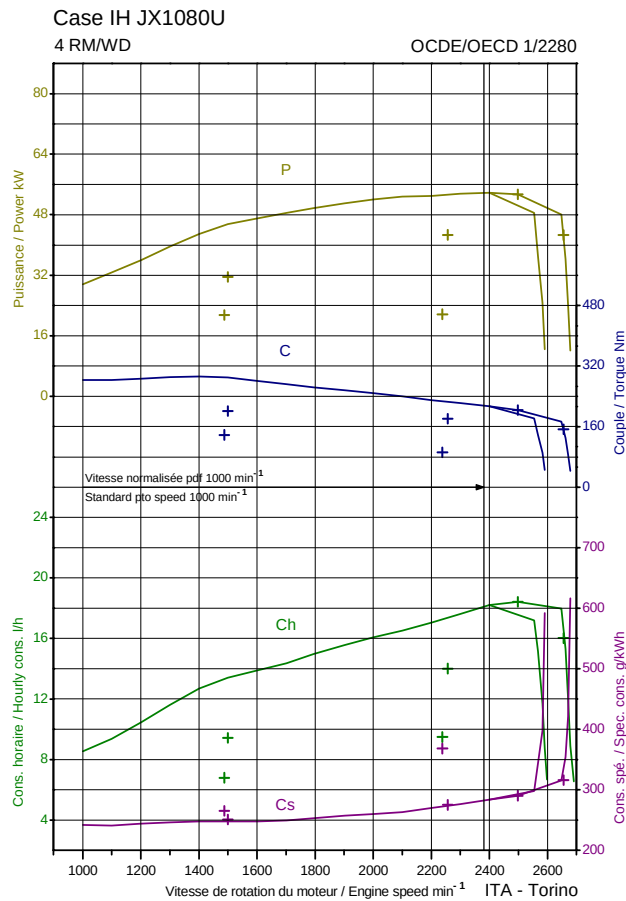
T2C6T1 - 12 speeds - 40 km/h

Manufacturer

CNH International S.A.

Testing station:

IMAMOTER, Torino, Italy



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	CNH UK Ltd.	F4CE0404C*D681
<i>Type, Supercharging</i>	Direct injection	None
<i>Cylinders, Disposition</i>	4	vertical in line
<i>Capacity, Cooling</i>	4485 cm ³	By water
<i>Gear box</i>		Mechanical synchronized
<i>Number of forward and reverse speeds</i>		12 12
<i>Speed at rated engine speed</i>		from 2.20 to 36.27 km/h
<i>Standard Power take-off speed</i>		540 min^{-1} 1000 min^{-1}
<i>Power take-off speed at rated engine speed</i>		614 min^{-1} 1050 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>	53.8 kW	2400 min^{-1}	1008 min^{-1}
<i>Hourly and specific consumption</i>		18.21 l/h	284 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	53.4 kW	2498 min^{-1}	1049 min^{-1}
<i>Hourly and specific consumption</i>		18.42 l/h	290 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	53.8 kW	2400 min^{-1}	1008 min^{-1}
<i>Hourly and specific consumption</i>		18.21 l/h	284 g/kWh

Torque rise

			43.4 %
<u>Maximum torque, Engine speed corresponding</u>		292.7 Nm	1400 min^{-1}

Drawbar Test

<i>Front tyres, Rear tyres</i>	440/65 R 24	540/65 R 34
<u>Test with tractor</u>	<u>unballasted</u>	<u>ballasted</u>
<i>Total Mass</i>	3950 kg	4755 kg
<i>Maximum drawbar pull</i>	36.5 kN	42.2 kN
<i>at speed of</i>	3.70 km/h	2.80 km/h
<i>Maximum power</i>	42.5 kW	43.4 kW
<i>at speed of</i>	6.00 km/h	5.90 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 (couplers: 1 pair)</i>	54.3 l/min	17.1 MPa	15.5 kW
<i>Flow rate, Pressure, Power (couplers: 2 pairs or +)</i>	- l/min	- MPa	- kW
<u>Maximum lifting force</u>			
<i>at the hitch points, at frame</i>		32.1 kN	26.6 kN

