



OECD approval number

1/2 279

OECD approval date

Full Code

14/10/2005

Make

Case IH

Model

JX1090U

Type

4 WD

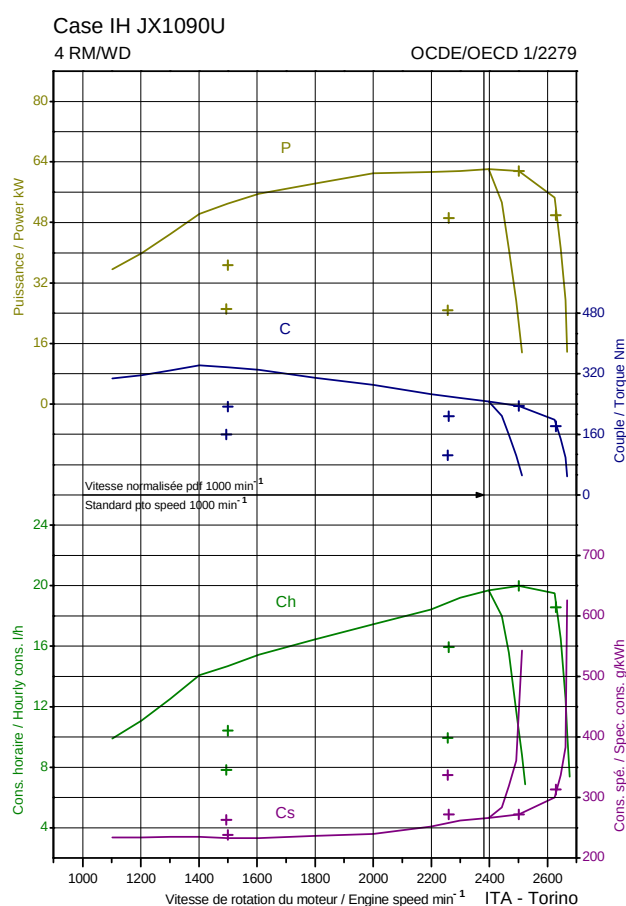
T3C6T1 - 12 speeds - 40 km/h

Manufacturer

CNH International S.A.

Testing station:

IMAMOTER, Torino, Italy



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	CNH UK Ltd.	F4CE0454E*D681
<i>Type, Supercharging</i>	Direct injection	Yes
<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>		<u>540 min⁻¹</u> <u>1000 min⁻¹</u>
<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>	62.1 kW	2398 min ⁻¹	1007 min ⁻¹
<i>Hourly and specific consumption</i>		19.70 l/h	266 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	61.6 kW	2502 min ⁻¹	1051 min ⁻¹
<i>Hourly and specific consumption</i>		19.98 l/h	272 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	62.1 kW	2398 min ⁻¹	1007 min ⁻¹
<i>Hourly and specific consumption</i>		19.70 l/h	266 g/kWh

Torque rise

45.7 %

Maximum torque, Engine speed corresponding342.7 Nm 1402 min⁻¹**Drawbar Test***Front tyres, Rear tyres*

440/65 R 24 540/65 R 34

Test with tractorunballasted ballasted*Total Mass*

3960 kg 4765 kg

Maximum drawbar pull

37.5 kN 44.9 kN

at speed of

3.80 km/h 2.00 km/h

Maximum power

45.3 kW 46.3 kW

at speed of

6.80 km/h 6.80 km/h

Hydraulic Performance and Power Lift Test*Hydraulic system*

Opened centre

At maximum hydraulic power*Flow rate, Pressure, Power (couplers: 1 pair)* 55.0 l/min 17.0 MPa 15.6 kW*Flow rate, Pressure, Power (couplers: 2 pairs or +)* - l/min - MPa - kWMaximum lifting force*at the hitch points, at frame*

32.1 kN 26.6 kN