



OECD approval number

1/2 278

OECD approval date

Full Code

14/10/2005

Make

Case IH

Model

JX1100U

Type

4 WD

T4C6T1 - 12 speeds - 40 km/h

Manufacturer

CNH International S.A.

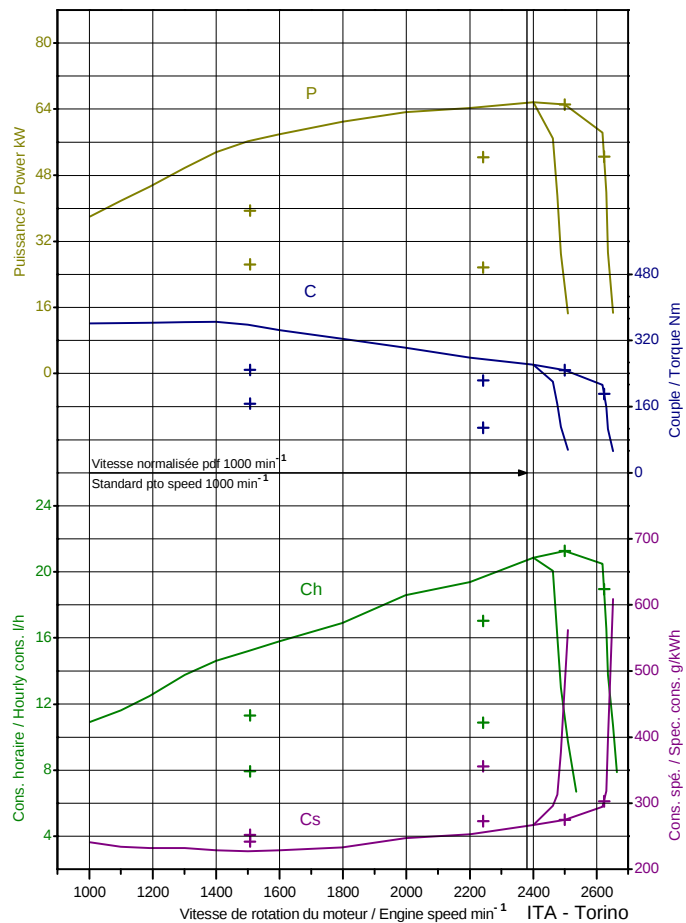
Testing station:

IMAMOTER, Torino, Italy

Case IH JX1100U

4 RM/WD

OCDE/OECD 1/2278



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	CNH UK Ltd.	F4CE0454D*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 2.27 to 37.49 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>	65.7 kW	2400 min^{-1}	1008 min^{-1}
<i>Hourly and specific consumption</i>		20.85 l/h	267 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	65.1 kW	2500 min^{-1}	1050 min^{-1}
<i>Hourly and specific consumption</i>		21.27 l/h	275 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	65.7 kW	2400 min^{-1}	1008 min^{-1}
<i>Hourly and specific consumption</i>		20.85 l/h	267 g/kWh

Torque rise

			47.1 %
<u>Maximum torque, Engine speed corresponding</u>		365.5 Nm	1400 min^{-1}

Drawbar Test*Front tyres, Rear tyres*

480/65 R 24 600/65 R 34

Test with tractorunballasted ballasted*Total Mass*

4050 kg 4855 kg

Maximum drawbar pull

38.8 kN 45.0 kN

at speed of

4.20 km/h 2.90 km/h

Maximum power

52.9 kW 52.5 kW

at speed of

6.10 km/h 7.00 km/h

Hydraulic Performance and Power Lift Test*Hydraulic system*

Opened centre

At maximum hydraulic power*Flow rate, Pressure, Power (couplers: 1 pair)* 54.3 l/min 16.9 MPa 15.3 kW*Flow rate, Pressure, Power (couplers: 2 pairs or +)* - l/min - MPa - kWMaximum lifting force*at the hitch points, at frame* 32.0 kN 26.8 kN