



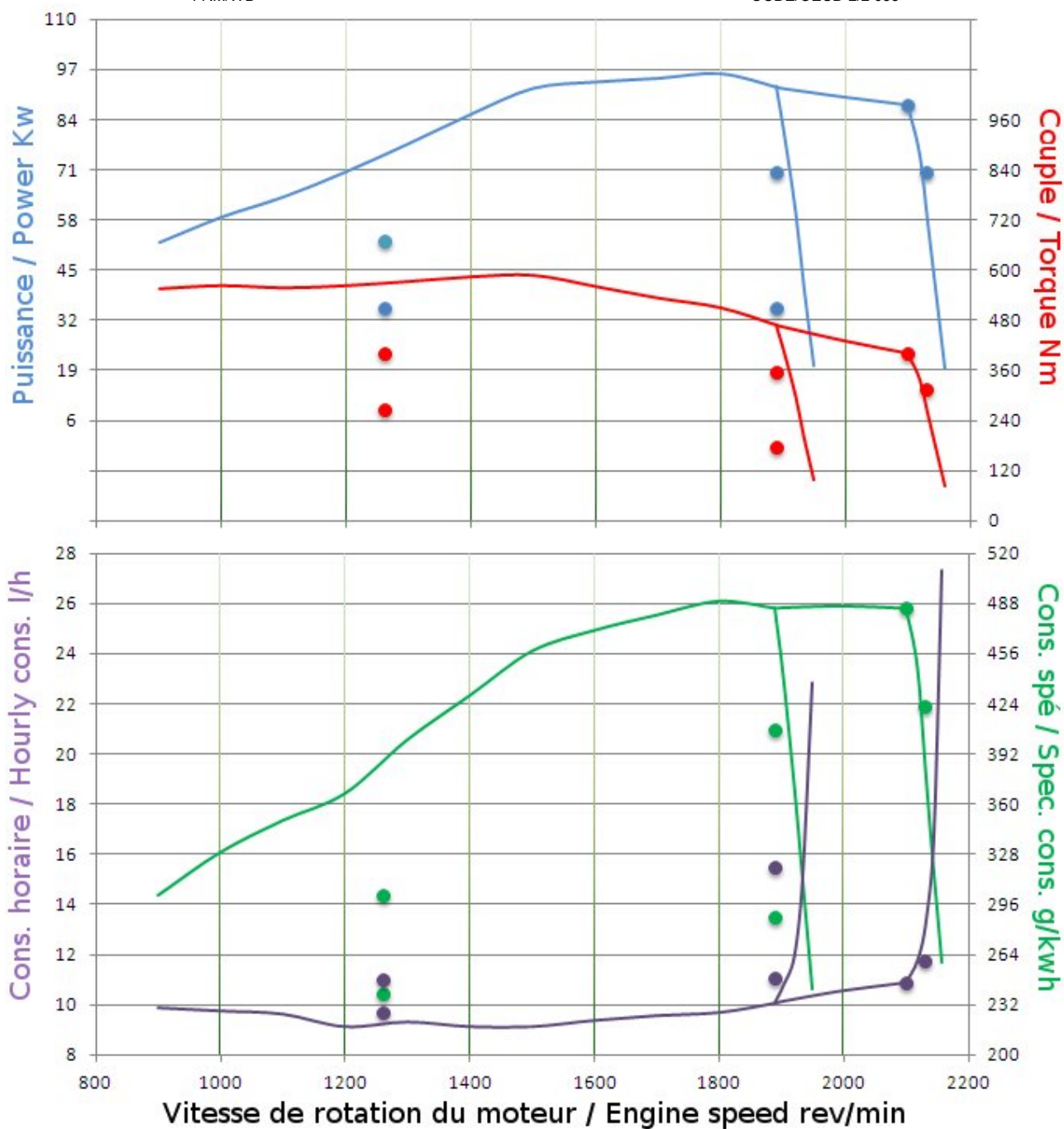
OECD approval number  
OECD approval date  
Make  
Model  
Type

Manufacturer:  
Testing station:

2/2 653  
5/12/2011  
CASE IH  
Puma 160  
4 WD  
CVT - 40 km/h  
CNH Europe Holding S.A.  
IMAMOTER – Torino, Italy

CASE IH Puma 160  
4 RM/WD

OCDE/OECD 2/2 653



**Engine, Transmission, Power take-off Specifications**

<i>Make, Model</i>	Iveco	F4DFE613A
<i>Type, Supercharging</i>	Direct injection	Yes
<i>Cylinders, Disposition</i>	6	vertical in line
<i>Capacity, Cooling</i>	6728 cm <sup>3</sup>	Liquid
<i>Gear box</i>		CVT
<i>Number of forward and reverse speeds</i>	Not	Applicable
<i>Speed at rated engine speed</i>	from 0	to 40,5 km/h
<u>Standard Power take-off speed</u>	540 min <sup>-1</sup>	1000 min <sup>-1</sup>
<i>Power take-off speed at rated engine speed</i>		1109 min <sup>-1</sup>
<i>Diameter of the shaft</i>	Not	35 mm
<i>Number of splines</i>	Applicable	21

**Power take-off Test**One hour test at maximum power

<i>Power, Engine and Power take-off speed</i>	116,2 kW	1800 min <sup>-1</sup>	952 min <sup>-1</sup>
<i>Hourly and specific consumption</i>		31,72 l/h	228 g/kWh
<u>Test at maximum power at rated engine speed</u>			
<i>Power, Engine and Power take-off speed</i>	107,6 kW	2100 min <sup>-1</sup>	1111 min <sup>-1</sup>
<i>Hourly and specific consumption</i>		31,35 l/h	243 g/kWh
<u>Test at standard Power take-off speed</u>			
<i>Power, Engine and Power take-off speed</i>	113,0 kW	1890 min <sup>-1</sup>	1000 min <sup>-1</sup>
<i>Hourly and specific consumption</i>		31,71 l/h	234 g/kWh
<u>Torque rise</u>			46,9 %
<u>Maximum torque, Engine speed corresponding</u>		719,0 Nm	1400 min <sup>-1</sup>

**Drawbar Test**

<i>Front tyres, Rear tyres</i>	540/65R30	650/65R42
<u>Test with tractor</u>	<u>unballasted</u>	<u>ballasted</u>
<i>Total Mass</i>	7420 kg	
<i>Maximum drawbar pull</i>	62,7 kN	Not
<i>at speed of</i>	2,2 km/h	Applicable
<i>Maximum power</i>	97,1 kW	
<i>at speed of</i>	8,0 km/h	

**Hydraulic Performance and Power Lift Test**

<i>Hydraulic system</i>			Closed centre
<u>At maximum hydraulic power</u>			
<i>Flow rate, Pressure, Power (couplers: 1 pair)</i>	98,4 l/min	17,0 MPa	27,9 kW
<i>Flow rate, Pressure, Power (couplers: 2 pairs or +)</i>	132,2 l/min	16,0 MPa	35,3 kW
<u>Maximum lifting force</u>			
<i>at the hitch points, at frame</i>		56,8 kN	45,6 kN