



OECD approval number
OECD approval date
Make
Model
Type

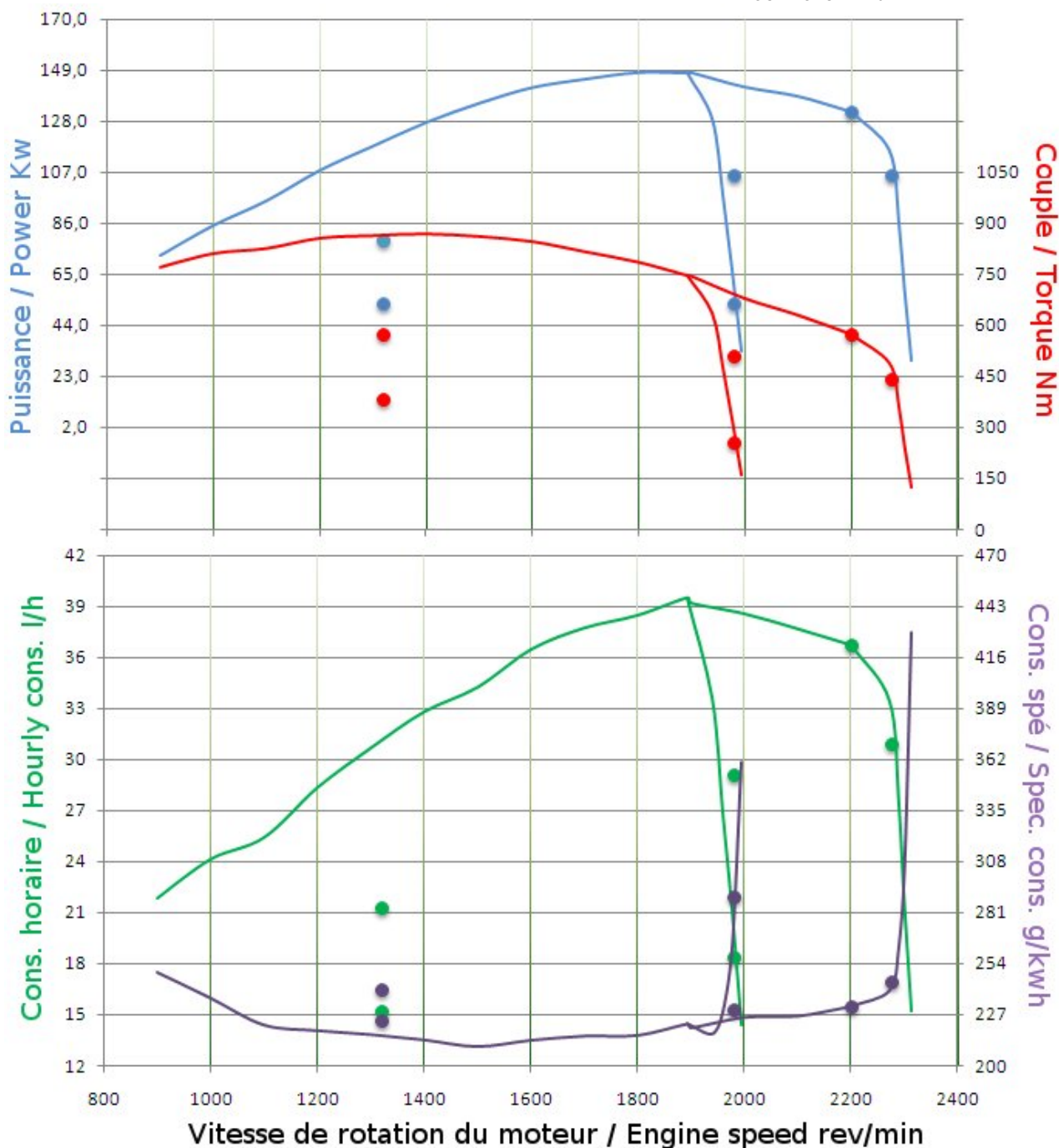
Manufacturer:
Testing station:

2/2 614
27/07/2011
New Holland
T7.250
4 WD

Electro/Hydraulic - 50 km/h
CNH Europe Holding S.A.
HBLFA Francisco Josephinum
BLT Biomass – Logistic – Technology
Rottenhauser Stra er 1
AT 3250 Wieselburg

New Holland T7.250
4 RM/WD

OCDE/OECD 2/2 614



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	Iveco	F4DFE613J
<i>Type, Supercharging</i>	Direct Injection	Yes
<i>Cylinders, Disposition</i>	6	vertical in line
<i>Capacity, Cooling</i>	6728 cm ³	Liquid
<i>Gear box</i>		Electro/Hydraulic
<i>Number of forward and reverse speeds</i>	19	6
<i>Speed at rated engine speed</i>	from 1,89	to 49.90 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>	581 min ⁻¹	1109 min ⁻¹
<i>Diameter of the shaft</i>	34,9 mm	34,9 mm
<i>Number of splines</i>	6	21

Power take-off TestOne hour test at maximum power

<i>Power, Engine and Power take-off speed</i>	148,2 kW	1800 min ⁻¹	951 min ⁻¹
<i>Hourly and specific consumption</i>		38,47 l/h	216,3 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	132 kW	2200 min ⁻¹	1162 min ⁻¹
<i>Hourly and specific consumption</i>		36,72 l/h	231,6 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	148 kW	1893 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		39,51 l/h	222,3 g/kWh

Torque rise

<i>Maximum torque, Engine speed corresponding</i>	870,2 Nm	1400 min ⁻¹	51,8 %
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Drawbar Test

<i>Front tyres, Rear tyres</i>	600/65 R28	710/70 R38
<i>Test with tractor</i>	<u>unballasted</u>	<u>ballasted</u>
<i>Total Mass</i>	8590 kg	
<i>Maximum drawbar pull</i>	72,17 kN	
<i>at speed of</i>	3,85 km/h	<i>Not</i>
<i>Maximum power</i>	126,76 kW	<i>Applicable</i>
<i>at speed of</i>	12,91 km/h	

Hydraulic Performance and Power Lift Test

<i>Hydraulic system</i>		Electro/Hydraulic	closed centre
<i>At maximum hydraulic power</i>			
<i>Flow rate, Pressure, Power (couplers: 1 pair)</i>	91,7 l/min	17 MPa	26 kW
<i>Flow rate, Pressure, Power (couplers: 2 pairs or +)</i>	98,7 l/min	18 MPa	29,6 kW
<i>Maximum lifting force</i>			
<i>at the hitch points, at frame</i>		62,6 kN	55,6 kN