



OECD approval number
OECD approval date
Make
Model
Type

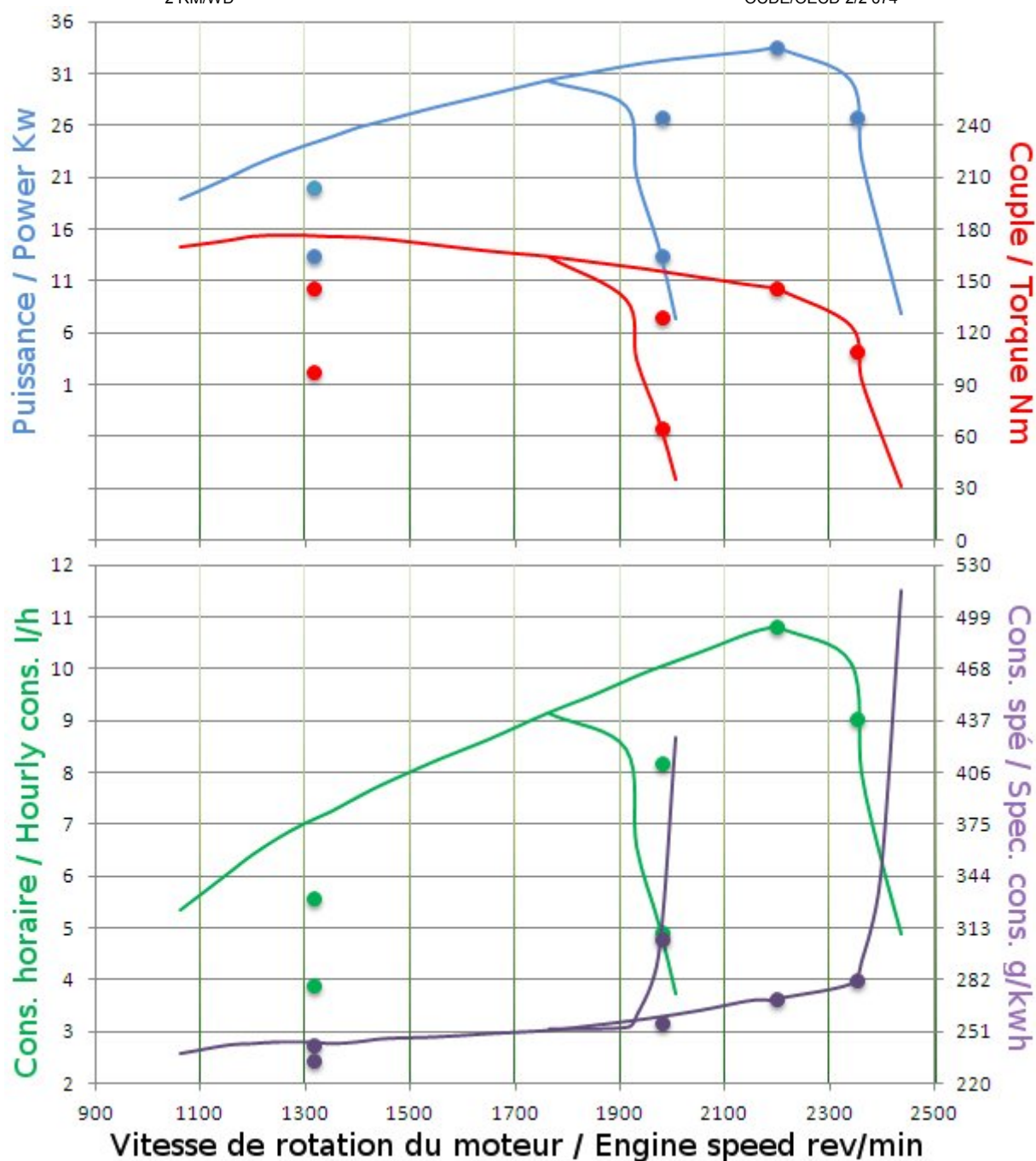
Manufacturer:
Testing station:

2/2 674
09/02/2012
Indo Farm
Indo Power 48 DI
2 WD

Mechanical - 30 km/h
M/s. Indo Farm Equipment Limited
Central Farm Machinery Training and
Testing Institute, BUDNI, INDIA

Indo Farm Indo Power 48 DI
2 RM/WD

OCDE/OECD 2/2 674



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	Indo Farm	Indo Farm 3052 DI
<i>Type, Supercharging</i>	Direct Injection	No
<i>Cylinders, Disposition</i>	3	vertical in line
<i>Capacity, Cooling</i>	2858 cm ³	Liquid
<i>Gear box</i>		Mechanical
<i>Number of forward and reverse speeds</i>		8
<i>Speed at rated engine speed</i>		from 2,43
<i>Standard Power take-off speed</i>		540 min ⁻¹
<i>Power take-off speed at rated engine speed</i>		673 min ⁻¹
<i>Diameter of the shaft</i>		34,8 mm
<i>Number of splines</i>		6

Power take-off TestOne hour test at maximum power

<i>Power, Engine and Power take-off speed</i>	33,5 kW	2199 min ⁻¹	673 min ⁻¹
<i>Hourly and specific consumption</i>		10,81 l/h	270 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	33,5 kW	2199 min ⁻¹	673 min ⁻¹
<i>Hourly and specific consumption</i>		10,81 l/h	270 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	30,3 kW	1764 min ⁻¹	540 min ⁻¹
<i>Hourly and specific consumption</i>		9,15 l/h	252 g/kWh

Torque rise

<i>Maximum torque, Engine speed corresponding</i>		176,2 Nm	1251 min ⁻¹
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Drawbar Test

<i>Front tyres, Rear tyres</i>	6.00-16	12.4-28
<i>Test with tractor</i>	unballasted	ballasted
<i>Total Mass</i>	2140 kg	
<i>Maximum drawbar pull</i>	15,61 kN	Not
<i>at speed of</i>	2,27 km/h	Applicable
<i>Maximum power</i>	28,2 kW	
<i>at speed of</i>	12,90 km/h	

Hydraulic Performance and Power Lift Test

<i>Hydraulic system</i>			Open centre
<i>At maximum hydraulic power</i>			
<i>Flow rate, Pressure, Power (couplers: 1 pair)</i>	22,62 l/min	14,0 MPa	5,3 kW
<i>Flow rate, Pressure, Power (couplers: 2 pairs or +)</i>		Not	Applicable
<i>Maximum lifting force</i>			
<i>at the hitch points, at frame</i>		19,99 kN	12,40 kN