



OECD approval number
OECD approval date
Make
Model
Type

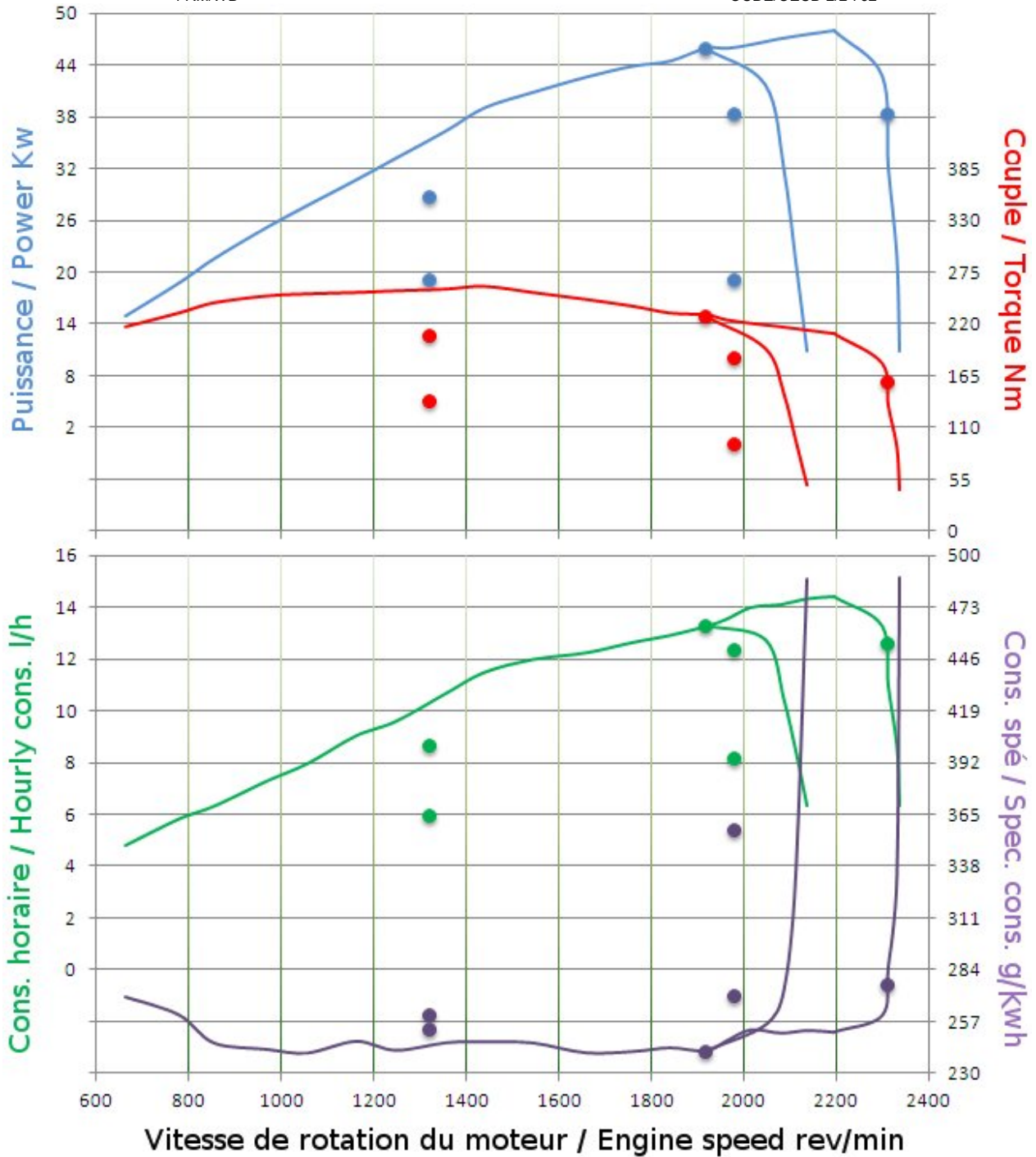
2/2 762
 02/05/2013
 LANDINI
 Rex DT 75F
 4WD

Manufacturer:
Testing station:

Mechanical - 40 km/h
 ARGO TRACTORS S.p.A.
 DISTAL – Bologna, Italy

LANDINI Rex DT 75F
4 RMWD

OCDE/OECD 2/2 762



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	Perkins	1104-44/2157/2200
<i>Type, Supercharging</i>	Direct injection	Yes
<i>Cylinders, Disposition</i>	4	vertical in line
<i>Capacity, Cooling</i>	4400 cm ³	Liquid
<i>Gear box</i>		Mechanical
<i>Number of forward and reverse speeds</i>		15
<i>Speed at rated engine speed</i>	from 1,60	to 35,68 km/h
<u>Standard Power take-off speed</u>	540 min ⁻¹	1000 min ⁻¹
<i>Power take-off speed at rated engine speed</i>	611 min ⁻¹	1148 min ⁻¹
<i>Diameter of the shaft</i>	35 mm	35 mm
<i>Number of splines</i>	6	21

Power take-off Test

One hour test at maximum power

<i>Power, Engine and Power take-off speed</i>	48,0 kW	2194 min ⁻¹	1145 min ⁻¹
<i>Hourly and specific consumption</i>		14,42 l/h	252 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	48,0 kW	2194 min ⁻¹	1145 min ⁻¹
<i>Hourly and specific consumption</i>		14,42 l/h	252 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	46,0 kW	1916 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		13,27 l/h	242 g/kWh

Torque rise

<i>Maximum torque, Engine speed corresponding</i>		259,7 Nm	1437 min ⁻¹
---	--	----------	------------------------

Drawbar Test

<i>Front tyres, Rear tyres</i>	8.25-16	340/85 R24
<u>Test with tractor</u>	<u>unballasted</u>	<u>ballasted</u>
<i>Total Mass</i>	2540 kg	
<i>Maximum drawbar pull</i>	22,29 kN	
<i>at speed of</i>	2,87 km/h	Not
<i>Maximum power</i>	39,59 kW	Applicable
<i>at speed of</i>	10,32 km/h	

Hydraulic Performance and Power Lift Test

<i>Hydraulic system</i>			Open centre
<u>At maximum hydraulic power</u>			
<i>Flow rate, Pressure, Power (couplers: 1 pair)</i>	53,25 l/min	15,78 MPa	14,00 kW
<i>Flow rate, Pressure, Power (couplers: 2 pairs or +)</i>		Not	Applicable
<u>Maximum lifting force</u>			
<i>at the hitch points, at frame</i>		21,50 kN	13,75 kN