



OECD approval number

2/2 429

OECD approval date

15/09/2008

Make

Landini

Model

Rex DT 75F

Type

4 WD

PRJL/BA - 40 km/h

Manufacturer:

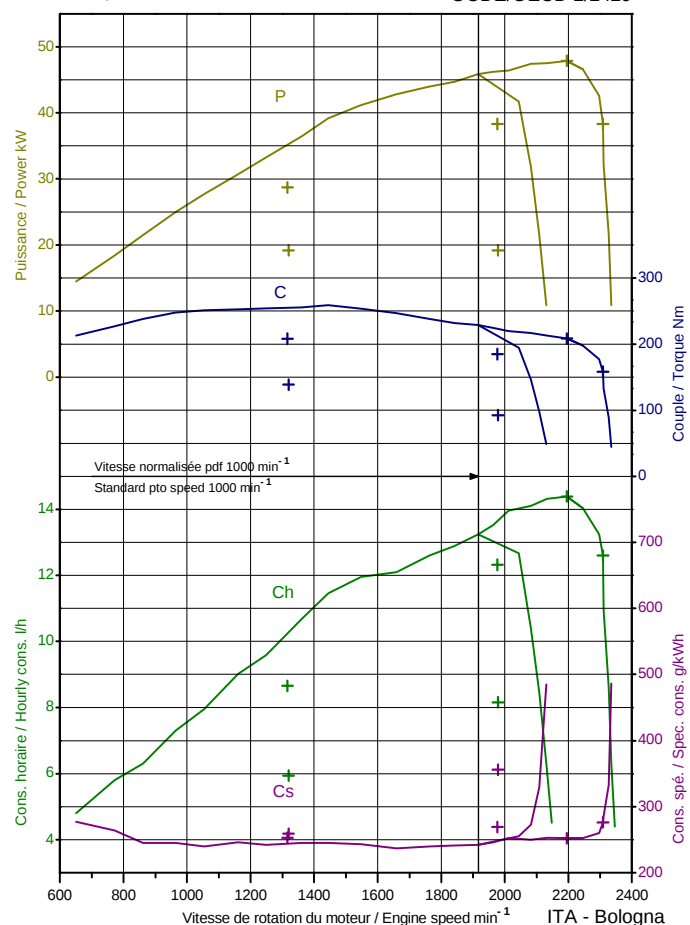
Argo Tractors S.p.A.

Testing station: Università di Bologna, Bologna, Italy

Landini Rex DT 75F

4 RM/WD

OCDE/OECD 2/2429



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	Perkins	1104-44/2157/2200
<i>Type, Supercharging</i>	Direct injection	None
<i>Cylinders, Disposition</i>	4	vertical in line
<i>Capacity, Cooling</i>	4400 cm ³	Liquid
<i>Gear box</i>		Mechanical synchronized
<i>Number of forward and reverse speeds</i>		15 15
<i>Speed at rated engine speed</i>		from 1.60 to 35.68 km/h
<u>Standard Power take-off speed</u>		<u>540 min⁻¹</u> <u>1000 min⁻¹</u>
<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 TestTwo hours test at maximum power

<i>Power, Engine and Power take-off speed</i>	47.9 kW	2196 min ⁻¹	1146 min ⁻¹
<i>Hourly and specific consumption</i>		14.39 l/h	252 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	47.9 kW	2196 min ⁻¹	1146 min ⁻¹
<i>Hourly and specific consumption</i>		14.39 l/h	252 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	45.9 kW	1916 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		13.25 l/h	242 g/kWh

Torque rise

<i>Maximum torque, Engine speed corresponding</i>		259.0 Nm	1445 min ⁻¹
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Drawbar Test

<i>Front tyres, Rear tyres</i>	8.25 - 16	340/85 R 24
<u>Test with tractor</u>	<u>unballasted</u>	<u>ballasted</u>
<i>Total Mass</i>	2540 kg	
<i>Maximum drawbar pull</i>	22.2 kN	Not
<i>at speed of</i>	3.44 km/h	required
<i>Maximum power</i>	39.5 kW	
<i>at speed of</i>	10.26 km/h	

Hydraulic Performance and Power Lift Test

<i>Hydraulic system</i>		Opened centre
<u>At maximum hydraulic power</u>		
<i>Flow rate, Pressure, Power (couplers: 1 pair)</i>	53.2 l/min	15.8 MPa 14.0 kW
<i>Flow rate, Pressure, Power (couplers: 2 pairs or +)</i>		
<u>Maximum lifting force</u>		
<i>at the hitch points, at frame</i>	21.5 kN	13.8 kN