

OECD ABSTRACT OF AGRICULTURAL AND FORESTRY TRACTOR PERFORMANCE TEST

OECD Approval Number

2/2 933

OECD Approval Date

17/02/2016

Make	LANDINI
Model	Rex 75F

Make	MCCORMIK
Model	F 75

Type

4 WD

Transmission

mechanical

Speed

40 km/h

Manufacturer

ARGO TRACTORS S.p.A.

Testing Station

DISTAL – Italy



SPECIFICATIONS

ENGINE

<i>Make</i>	PERKINS
<i>Model</i>	1104-44/2157/2200
<i>Type</i>	Direct injection
<i>Supercharging</i>	Yes
<i>Cylinders</i>	4
<i>Disposition</i>	vertical in line
<i>Capacity</i>	4400 cm ³
<i>Cooling</i>	Liquid

TRANSMISSION

<i>Gear box</i>	Mechanical
<i>Number of forward and reverse speeds</i>	12
<i>Speed at rated engine speed</i>	from 1,57 to 32,73 km/h

POWER TAKE-OFF SPECIFICATIONS

<i>Standard Power take-off speed</i>	<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

PTO TEST RESULTS

One hour test at maximum power

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

Test at maximum power at rated engine speed

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

Test at standard Power take-off speed

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

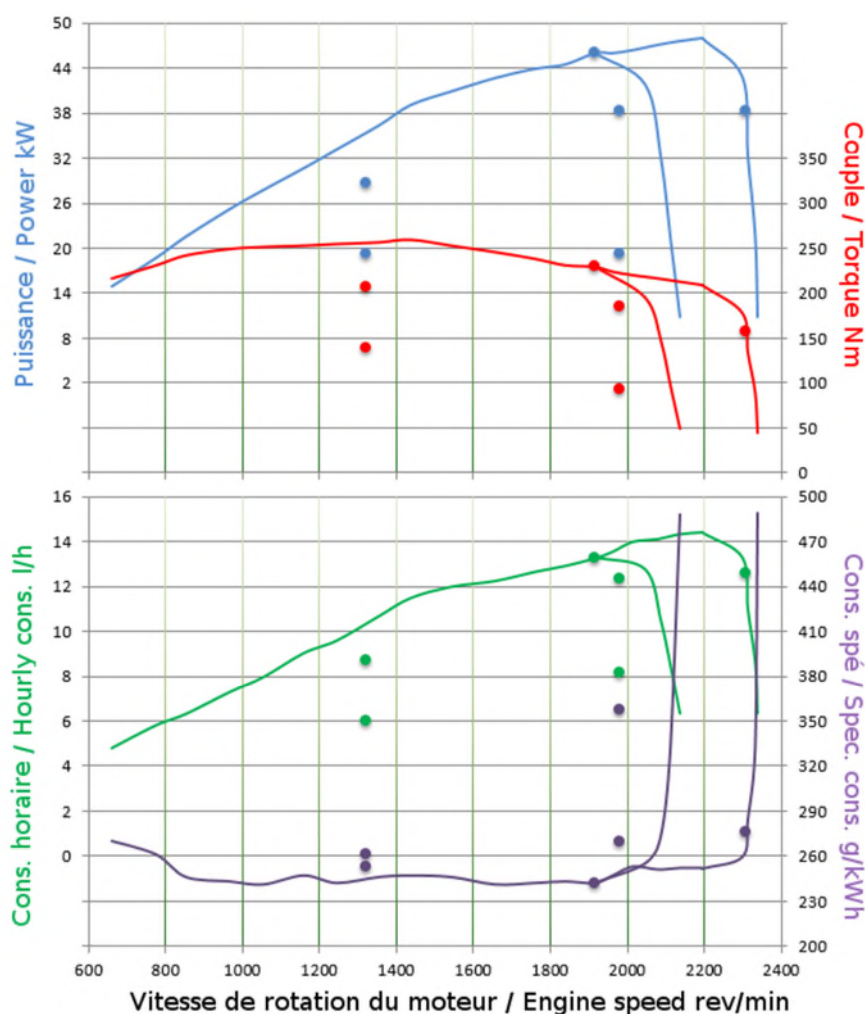
Torque rise

24,2 %

Maximum torque, Engine speed corresponding

259,7 Nm

1437 min⁻¹



PARTICULATE FILTER ACTIVE REGENERATION FUEL USE

Not Applicable

HYDRAULIC PERFORMANCE AND POWER LIFT TEST

Hydraulic system

open centre

Relief valve pressure setting (tolerance):

19 ± 1 MPa

HYDRAULIC PERFORMANCES

At maximum hydraulic power

Flow rate, Pressure, Power (couplers: 1 pair)

39,48 l/min

17,41 MPa

11,45 kW

Flow rate, Pressure, Power (couplers: 2 pairs or +)

Not

Applicable

POWER LIFT

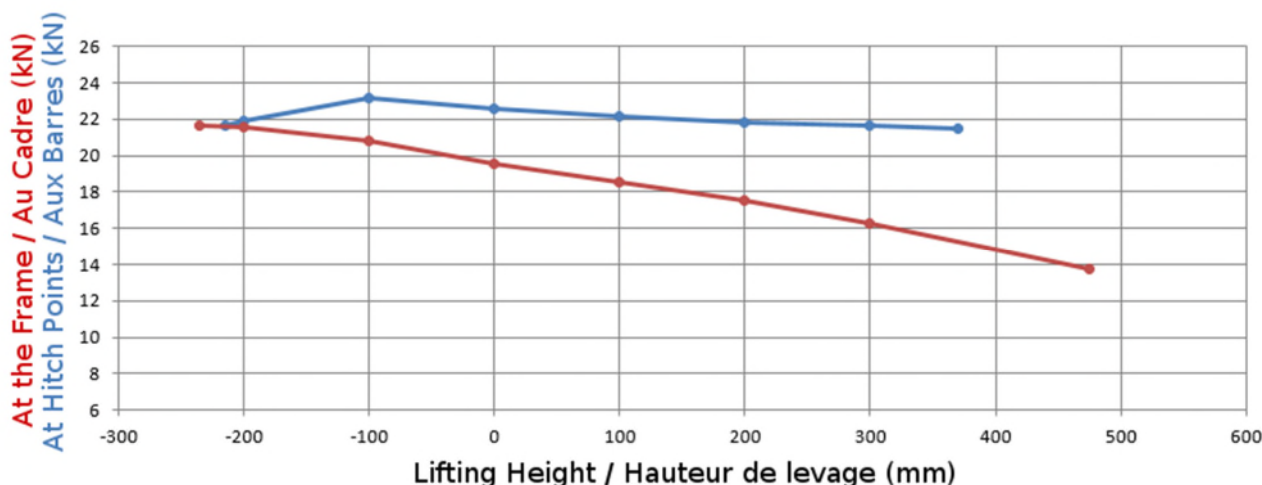
Maximum lifting force

at the hitch points

21,5 kN

at the frame

13,8 kN

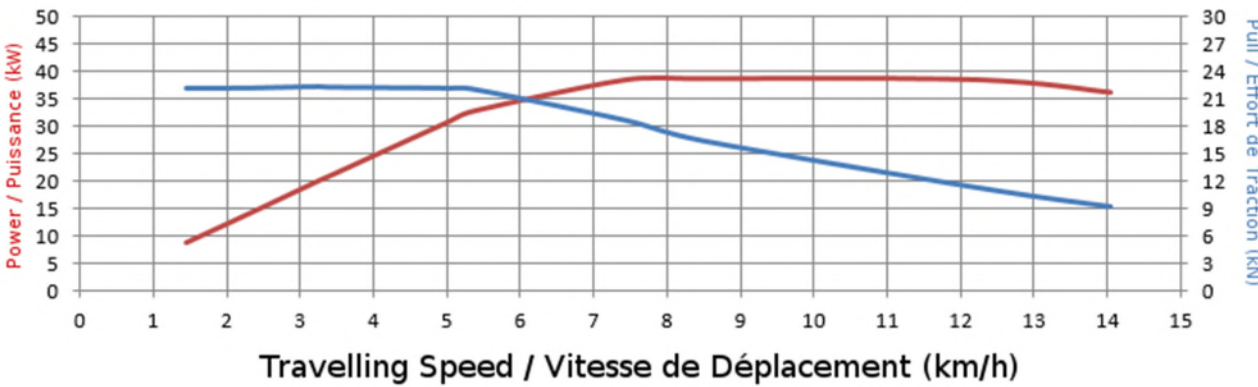


DRAWBAR TEST

Front tyres, Rear tyres	7.50-R16	340/85 R24
Inflation pressure	235 kPa	160 kPa

UNBALLASTED

Total Mass	2540 kg
Maximum drawbar pull	22,31 kN
at speed of	3,21 km/h
Maximum power	38,70 kW
at speed of	8,47 km/h



BALLASTED

Not available