

OECD ABSTRACT OF AGRICULTURAL AND FORESTRY TRACTOR PERFORMANCE TEST

OECD Approval Number	2/2 885
OECD Approval Date	10/04/2015
Make	Deutz-Fahr
Model	AgroTrac 150
Type	4WD
Transmission	mechanical
Speed	40 km/h
Manufacturer	SAME DEUTZ-FAHR ITALIA S.p.A.
Testing Station	CRA-ING – Italy



SPECIFICATIONS

ENGINE

<i>Make</i>	S.D.F.I.
<i>Model</i>	100.6 WT11
<i>Type</i>	Direct injection
<i>Supercharging</i>	Yes
<i>Cylinders</i>	6
<i>Disposition</i>	vertical in line
<i>Capacity</i>	6000 cm ³
<i>Cooling</i>	Liquid

TRANSMISSION

<i>Gear box</i>	mechanical
<i>Number of forward and reverse speeds</i>	24
<i>Speed at rated engine speed</i>	from 1,03 to 39,76 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>	609 min ⁻¹	1100 min ⁻¹
<i>Diameter of the shaft</i>	35 mm	35 mm
<i>Number of splines</i>	6	6

PTO TEST RESULTS

One hour test at maximum power

Power, Engine and Power take-off speed	104,3 kW	2136 min ⁻¹	1000 min ⁻¹
Hourly and specific consumption		31,53 l/h	253 g/kWh
Hourly and specific urea consumption		-	-

Test at maximum power at rated engine speed

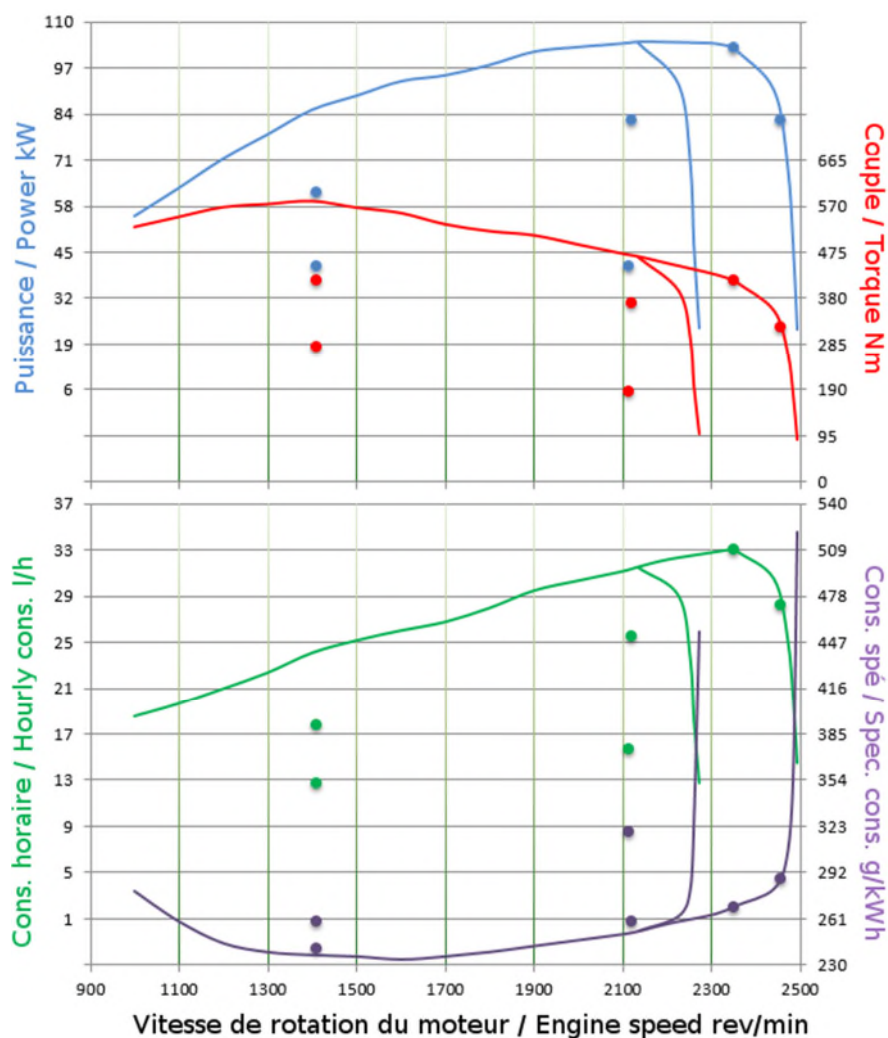
Power, Engine and Power take-off speed	102,8 kW	2349 min ⁻¹	1100 min ⁻¹
Hourly and specific consumption		33,07 l/h	269 g/kWh
Hourly and specific urea consumption		-	-

Test at standard Power take-off speed

Power, Engine and Power take-off speed	104,3 kW	2136 min ⁻¹	1000 min ⁻¹
Hourly and specific consumption		31,53 l/h	253 g/kWh
Hourly and specific urea consumption		-	-

Torque rise

			38,9 %
<u>Maximum torque, Engine speed corresponding</u>	580,5 Nm	1400 min ⁻¹	



PARTICULATE FILTER ACTIVE REGENERATION FUEL USE

Not applicable

HYDRAULIC PERFORMANCE AND POWER LIFT TEST

Hydraulic system

Closed centre

Relief valve pressure setting (tolerance):

19,5 ± 0.5 MPa

HYDRAULIC PERFORMANCES

At maximum hydraulic power

Flow rate, Pressure, Power (couplers: 1 pair)	59,0 l/min	18,0 MPa	17,70 kW
Flow rate, Pressure, Power (couplers: 2 pairs or +)	59,4 l/min	18,5 MPa	18,32 kW

POWER LIFT

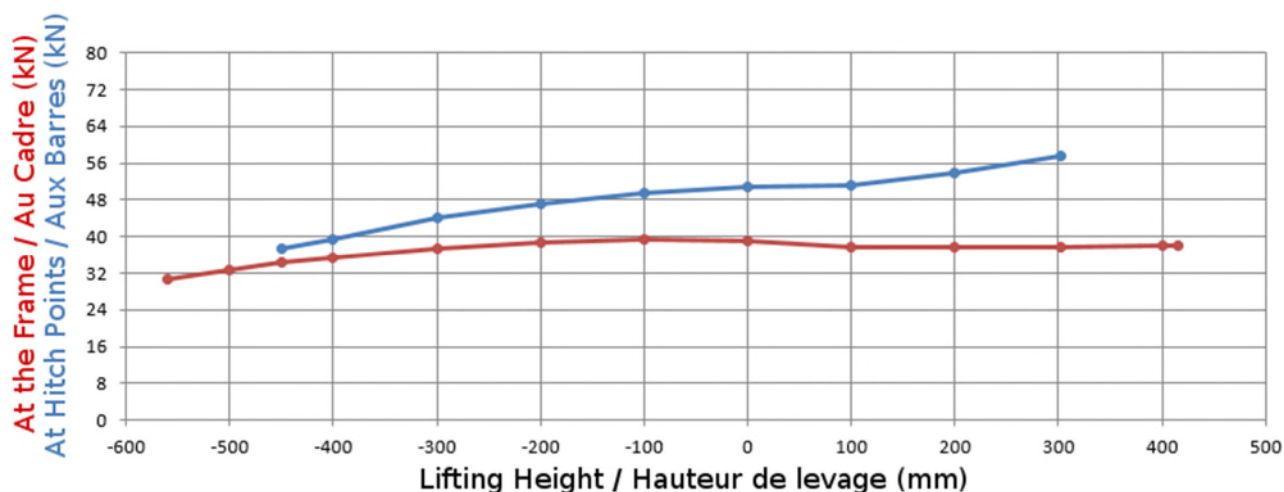
Maximum lifting force

at the hitch points

37,48 kN

at the frame

30,59 kN

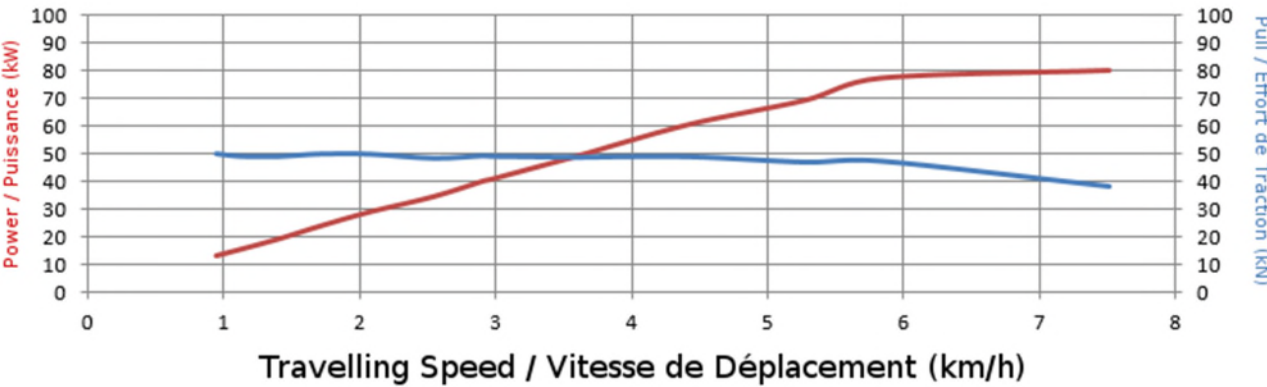


DRAWBAR TEST

Front tyres, Rear tyres	420/85R30	520/85R38
Inflation pressure	160 kPa	160 kPa

UNBALLASTED

Total Mass	5870 kg
Maximum drawbar pull	50,35 kN
at speed of	0,94 km/h
Maximum power	84,6 kW
at speed of	11,15 km/h



BALLASTED

Not Applicable