

OECD ABSTRACT OF AGRICULTURAL AND FORESTRY TRACTOR PERFORMANCE TEST

OECD Approval Number	2/2 912
OECD Approval Date	04/11/2015
Make	TONG YANG
Model	T754
Type	4 WD
Transmission	mechanical
Speed	30 km/h
Manufacturer	TONG YANG Moolsan Co., Ltd.
Testing Station	F.A.C.T. – Korea



SPECIFICATIONS

ENGINE

<i>Make</i>	DEUTZ
<i>Model</i>	TDC2.9L4
<i>Type</i>	Direct injection
<i>Supercharging</i>	Yes
<i>Cylinders</i>	4
<i>Disposition</i>	vertical in line
<i>Capacity</i>	2925 cm ³
<i>Cooling</i>	Liquid

TRANSMISSION

<i>Gear box</i>	Mechanical
<i>Number of forward and reverse speeds</i>	16
<i>Speed at rated engine speed</i>	from 0,32 to 30,34 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>	540 min ⁻¹	1033 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	48,6 kW	2000 min ⁻¹	491 min ⁻¹
Hourly and specific consumption		14,85 l/h	254 g/kWh
Hourly and specific urea consumption		-	-

Test at maximum power at rated engine speed

Power, Engine and Power take-off speed	46,7 kW	2200 min ⁻¹	541 min ⁻¹
Hourly and specific consumption		15,18 l/h	271 g/kWh
Hourly and specific urea consumption		-	-

Test at standard Power take-off speed

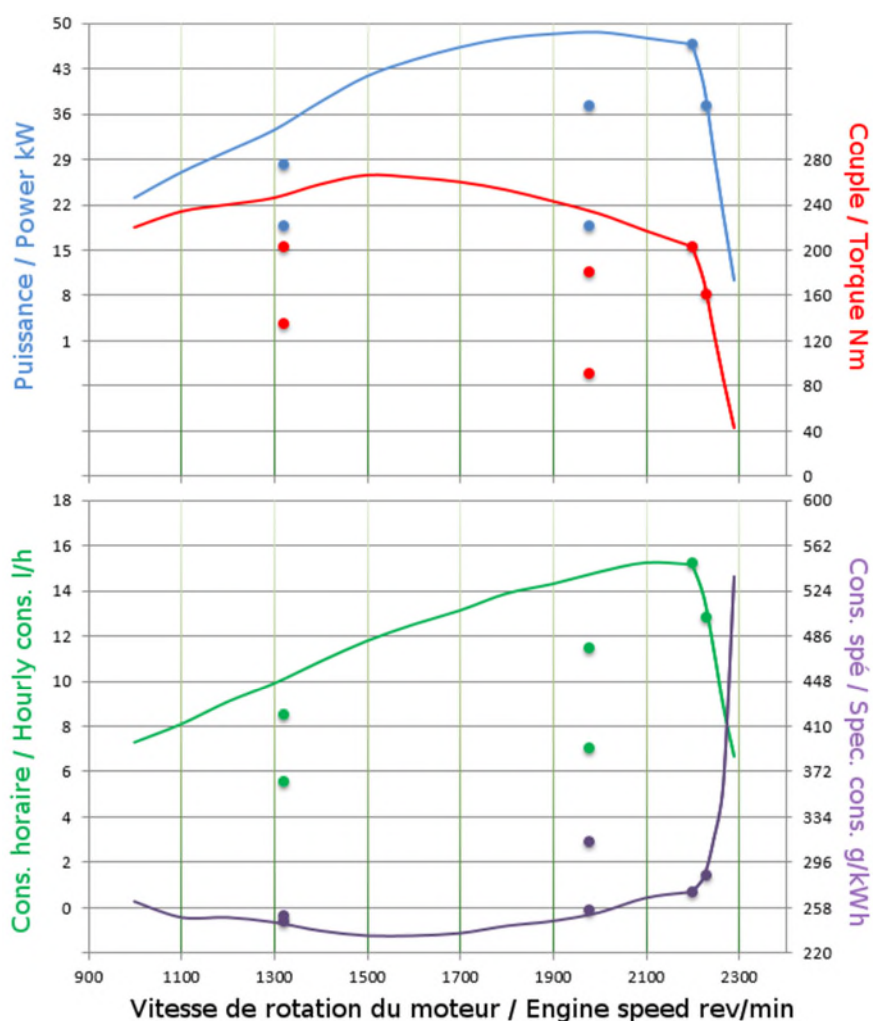
Power, Engine and Power take-off speed	46,7 kW	2200 min ⁻¹	541 min ⁻¹
Hourly and specific consumption		15,18 l/h	271 g/kWh
Hourly and specific urea consumption		-	-

Torque rise

		22,6 %
--	--	--------

Maximum torque, Engine speed corresponding

266,0 Nm

1500 min⁻¹

PARTICULATE FILTER ACTIVE REGENERATION FUEL USE

Not Applicable

HYDRAULIC PERFORMANCE AND POWER LIFT TEST

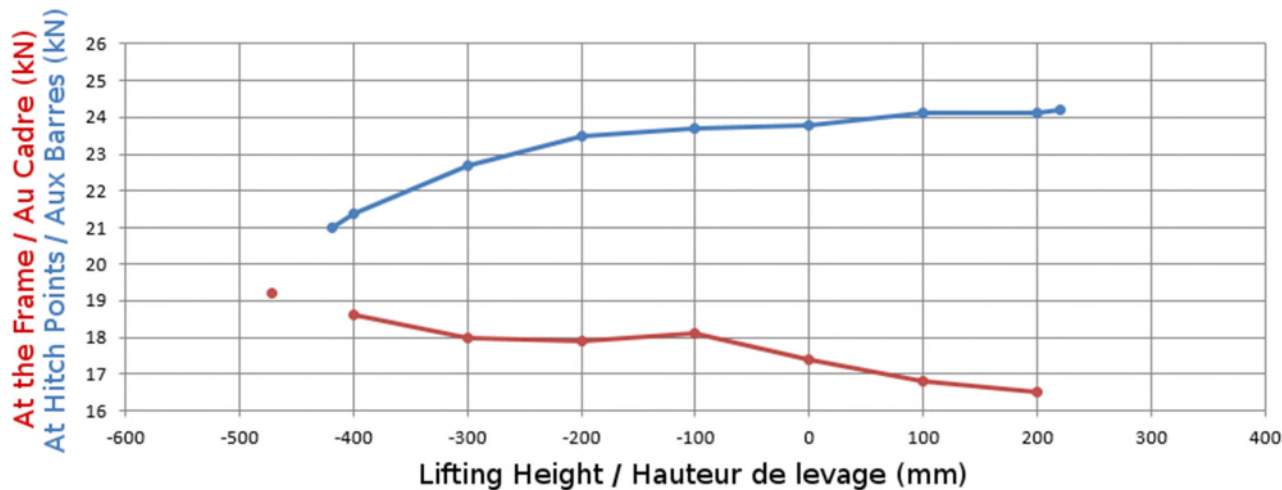
Hydraulic system	Open centre
Relief valve pressure setting (tolerance):	19 ± 1,0 MPa

HYDRAULIC PERFORMANCES

<u>At maximum hydraulic power</u>			
Flow rate, Pressure, Power (couplers: 1 pair)	38,6 l/min	14,5 MPa	9,3 kW
Flow rate, Pressure, Power (couplers: 2 pairs or +)		Not	Applicable

POWER LIFT

<u>Maximum lifting force</u>	
at the hitch points	21,0 kN
at the frame	15,3 kN

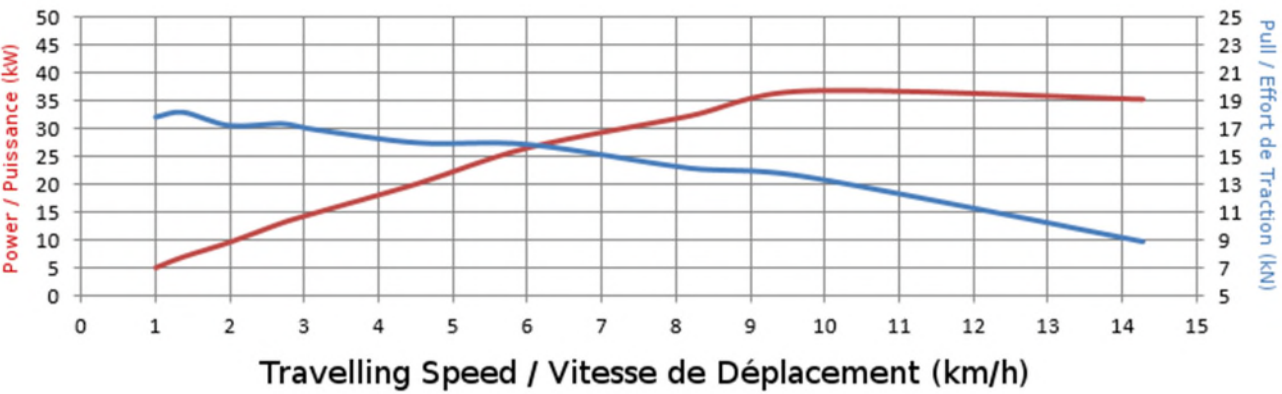


DRAWBAR TEST

Front tyres, Rear tyres	11.2–24	16.9–30
Inflation pressure	235 kPa	157 kPa

UNBALLASTED

Total Mass	2759 kg
Maximum drawbar pull	18,17 kN
at speed of	1,38 km/h
Maximum power	36,65 kW
at speed of	9,74 km/h



BALLASTED

Not Applicable