

OECD ABSTRACT OF AGRICULTURAL AND FORESTRY TRACTOR PERFORMANCE TEST

OECD Approval Number	2/2 887
OECD Approval Date	22/04/2015
Make	NEW HOLLAND
Model	T 4.75
Type	4 WD
Transmission	Mechanical
Speed	40 km/h
Manufacturer	CNH Industrial Europe Holding S.A.
Testing Station	DISTAL – Italy



SPECIFICATIONS

ENGINE

<i>Make</i>		FTP Industrial
<i>Model</i>		F5DFL463A
<i>Type</i>		Direct injection
<i>Supercharging</i>		Yes
<i>Cylinders</i>		4
<i>Disposition</i>		vertical in line
<i>Capacity</i>		3387 cm ³
<i>Cooling</i>		Liquid

TRANSMISSION

<i>Gear box</i>		Mechanical
<i>Number of forward and reverse speeds</i>	12	12
<i>Speed at rated engine speed</i>	from 0,93	to 38,74 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>	657 min ⁻¹	
<i>Diameter of the shaft</i>	35 mm	<i>Not</i>
<i>Number of splines</i>	6	<i>Applicable</i>

PTO TEST RESULTS

One hour test at maximum power

Power, Engine and Power take-off speed	49,0 kW	1860 min ⁻¹	513 min ⁻¹
Hourly and specific consumption		15,81 l/h	269 g/kWh
Hourly and specific urea consumption		-	-

Test at maximum power at rated engine speed

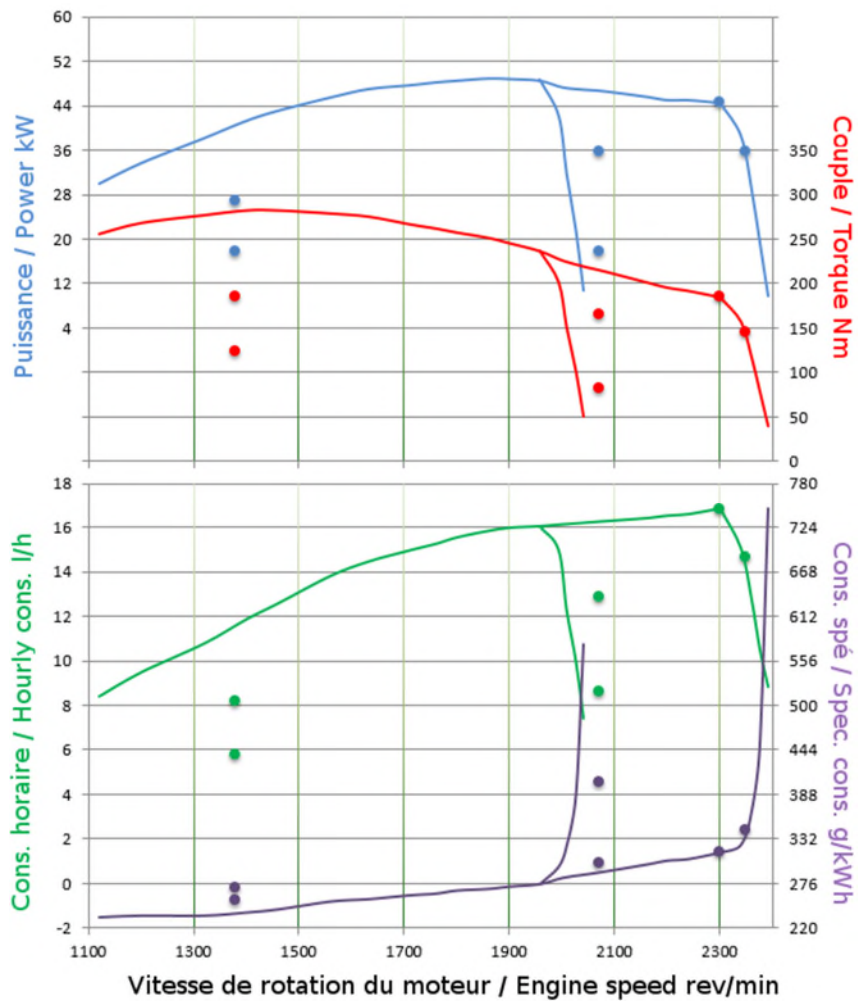
Power, Engine and Power take-off speed	44,6 kW	2300 min ⁻¹	635 min ⁻¹
Hourly and specific consumption		16,81 l/h	315 g/kWh
Hourly and specific urea consumption		-	-

Test at standard Power take-off speed

Power, Engine and Power take-off speed	48,6 kW	1957 min ⁻¹	540 min ⁻¹
Hourly and specific consumption		16,02 l/h	275 g/kWh
Hourly and specific urea consumption		-	-

Torque rise

<u>Maximum torque, Engine speed corresponding</u>		282,8 Nm	47,1 %
			1460 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 ± 0,5 MPa

HYDRAULIC PERFORMANCES

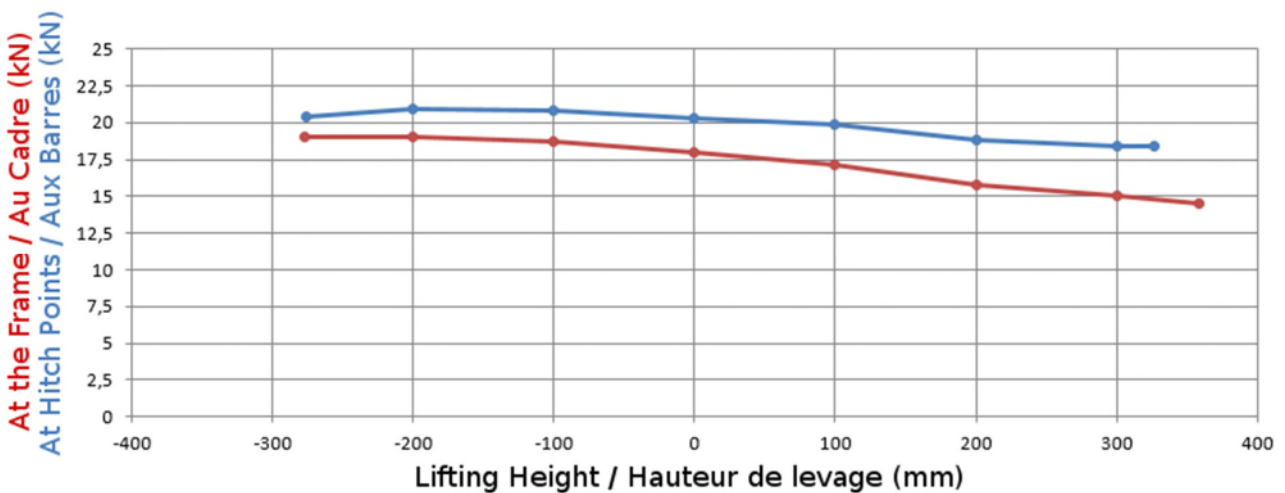
At maximum hydraulic power

Flow rate, Pressure, Power (couplers: 1 pair)	45,7 l/min	17,5 MPa	13,3 kW
Flow rate, Pressure, Power (couplers: 2 pairs or +)		<i>Not</i>	<i>Applicable</i>

POWER LIFT

Maximum lifting force

<i>at the hitch points</i>	18,4 kN
<i>at the frame</i>	14,5 kN

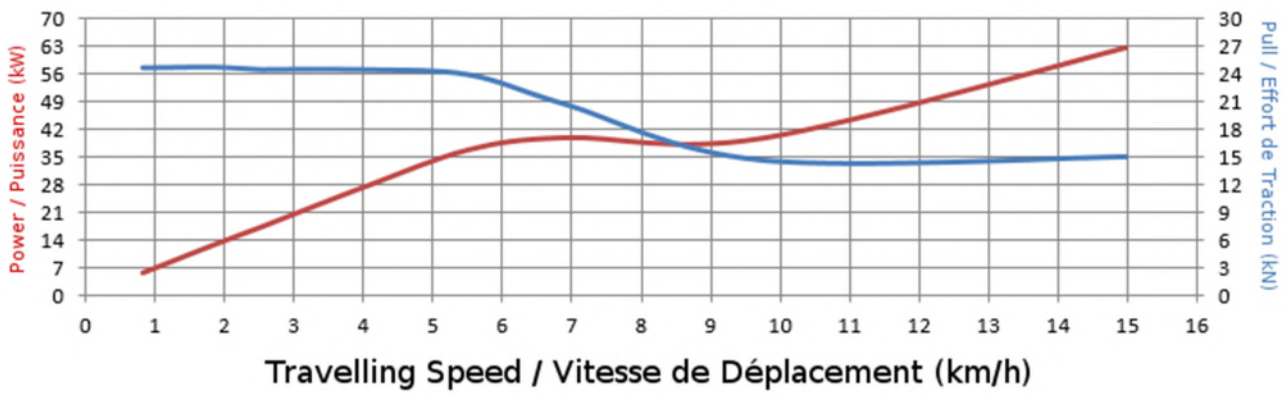


DRAWBAR TEST

Front tyres, Rear tyres	11.2 R24	420/85 R30
Inflation pressure	160 kPa	160 kPa

UNBALLASTED

Total Mass	3070 kg
Maximum drawbar pull	24,8 kN
at speed of	1,85 km/h
Maximum power	39,9 kW
at speed of	6,91 km/h



BALLASTED

Not Applicable