

# OECD ABSTRACT OF AGRICULTURAL AND FORESTRY TRACTOR PERFORMANCE TEST

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<b>OECD Approval Number</b>	<b>2/2 862</b>
<b>OECD Approval Date</b>	<b>13/01/2015</b>
<b>Make</b>	<b>NEW HOLLAND</b>
<b>Model</b>	<b>T4.95</b>
<b>Type</b>	<b>4 WD</b>
<b>Transmission</b>	<b>mechanical</b>
<b>Speed</b>	<b>40 km/h</b>
<b>Manufacturer</b>	<b>CNH Industrial Europe Holding S.A.</b>
<b>Testing Station</b>	<b>DISTAL – Italy</b>



## SPECIFICATIONS

### ENGINE

<i>Make</i>	FTP Industrial
<i>Model</i>	F5DFL413K
<i>Type</i>	Direct injection
<i>Supercharging</i>	Yes
<i>Cylinders</i>	4
<i>Disposition</i>	vertical in line
<i>Capacity</i>	3387 cm <sup>3</sup>
<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 0,94 to 38,68 km/h

### POWER TAKE-OFF SPECIFICATIONS

<i>Standard Power take-off speed</i>	<u>540 min<sup>-1</sup></u>	<u>1000 min<sup>-1</sup></u>
<i>Power take-off speed at rated engine speed</i>	662 min <sup>-1</sup>	1082 min <sup>-1</sup>
<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	64,2 kW	1876 min <sup>-1</sup>	540 min <sup>-1</sup>
Hourly and specific consumption		18,83 l/h	246 g/kWh
Hourly and specific urea consumption		-	-

### Test at maximum power at rated engine speed

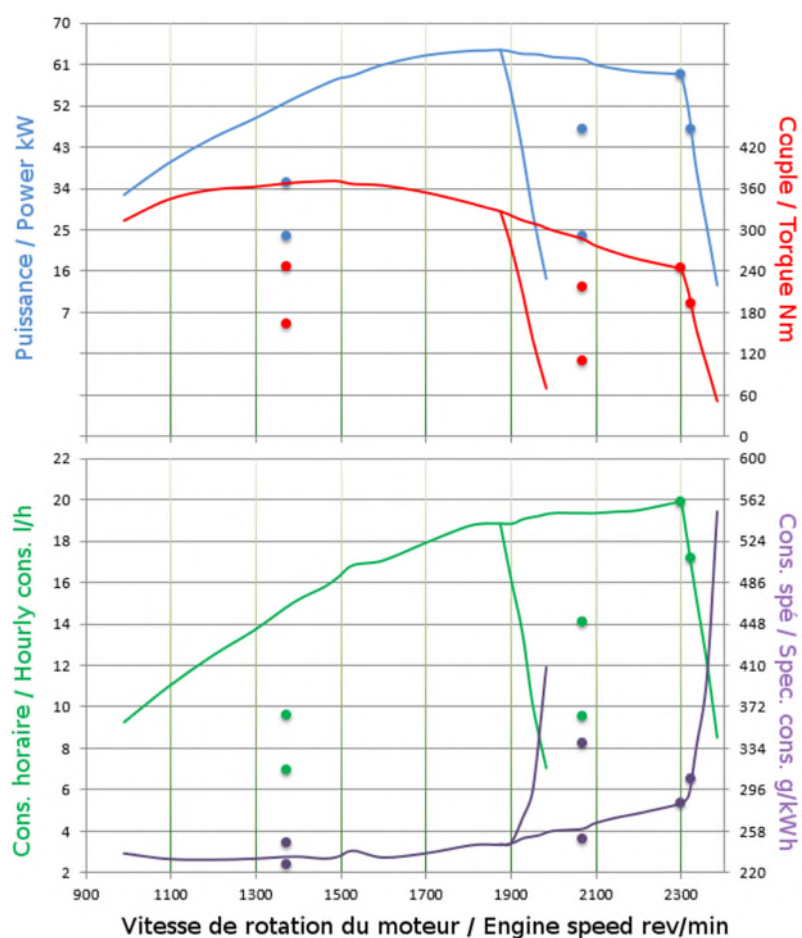
Power, Engine and Power take-off speed	58,9 kW	2300 min <sup>-1</sup>	662 min <sup>-1</sup>
Hourly and specific consumption		19,90 l/h	283 g/kWh
Hourly and specific urea consumption		-	-

### Test at standard Power take-off speed

Power, Engine and Power take-off speed	64,2 kW	1876 min <sup>-1</sup>	540 min <sup>-1</sup>
Hourly and specific consumption		18,83 l/h	246 g/kWh
Hourly and specific urea consumption		-	-

### Torque rise

Maximum torque, Engine speed corresponding	370,2 Nm	1459 min <sup>-1</sup>	51,5 %
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 PARTICULATE FILTER ACTIVE REGENERATION FUEL USE
 

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*Not Applicable*

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 HYDRAULIC PERFORMANCE AND POWER LIFT TEST
 

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Hydraulic system

Open centre

Relief valve pressure setting (tolerance):

19 ± 0,5 MPa

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 HYDRAULIC PERFORMANCES
 

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At maximum hydraulic power

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

60,2 l/min

16,0 MPa

16,0 kW

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

Not

Applicable

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 POWER LIFT
 

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Maximum lifting force

at the hitch points

26,8 kN

at the frame

23,3 kN

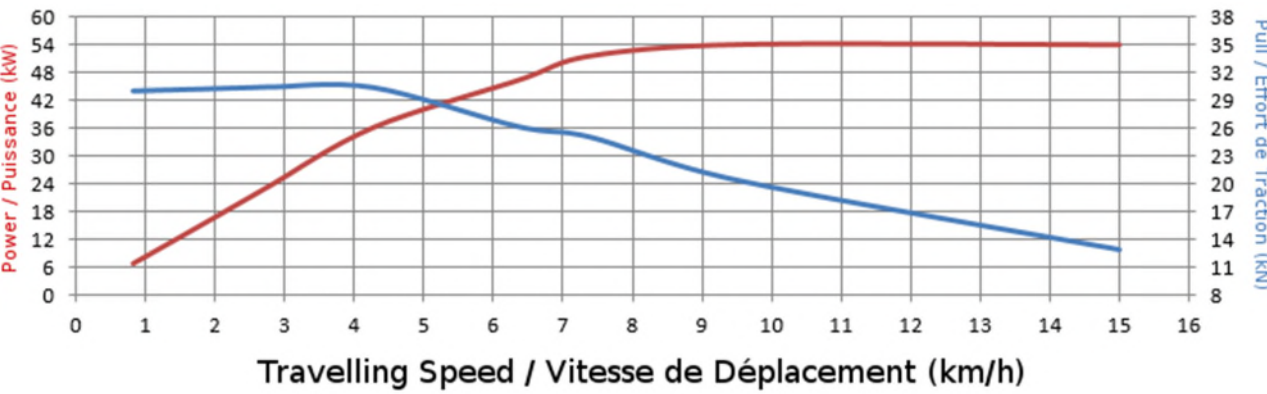


DRAWBAR TEST

Front tyres, Rear tyres	380/70 R 24	480/70 R 34
Inflation pressure	160 kPa	160 kPa

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Total Mass	3750 kg
Maximum drawbar pull	30,5 kN
at speed of	2,82 km/h
Maximum power	54,0 kW
at speed of	9,54 km/h



BALLASTED

Not Applicable

