

# OECD ABSTRACT OF AGRICULTURAL AND FORESTRY TRACTOR PERFORMANCE TEST

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<b>OECD Approval Number</b>	<b>2/2 882</b>
<b>OECD Approval Date</b>	<b>06/03/2015</b>
<b>Make</b>	<b>New Holland</b>
<b>Model</b>	<b>T9.565 HD</b>
<b>Type</b>	<b>Articulated 4WD with triple wheels</b>
<b>Transmission</b>	<b>Full Powershift</b>
<b>Speed</b>	<b>40 km/h</b>
<b>Manufacturer</b>	<b>CNH Industrial America, LLC</b>
<b>Testing Station</b>	<b>NTTL – USA</b>



## SPECIFICATIONS

### ENGINE

<i>Make</i>	FPT
<i>Model</i>	Cursor 13 L FPT
<i>Type</i>	Direct injection
<i>Supercharging</i>	Yes
<i>Cylinders</i>	6
<i>Disposition</i>	vertical in line
<i>Capacity</i>	12880 cm <sup>3</sup>
<i>Cooling</i>	Liquid

### TRANSMISSION

<i>Gear box</i>	Full Powershift
<i>Number of forward and reverse speeds</i>	16
<i>Speed at rated engine speed</i>	from 4,26 to 37,15 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>		1160 min <sup>-1</sup>
<i>Diameter of the shaft</i>	Not available	45 mm
<i>Number of splines</i>		20

## PTO TEST RESULTS

### One hour test at maximum power

Power, Engine and Power take-off speed	376,25 kW	1902 min <sup>-1</sup>	1050 min <sup>-1</sup>
Hourly and specific consumption		101,88 l/h	228 g/kWh
Hourly and specific urea consumption		8,26 l/h	23,8 g/kWh

### Test at maximum power at rated engine speed

Power, Engine and Power take-off speed	334,92 kW	2101 min <sup>-1</sup>	1160 min <sup>-1</sup>
Hourly and specific consumption		95,71 l/h	240 g/kWh
Hourly and specific urea consumption		7,89 l/h	25,6 g/kWh

### Test at standard Power take-off speed

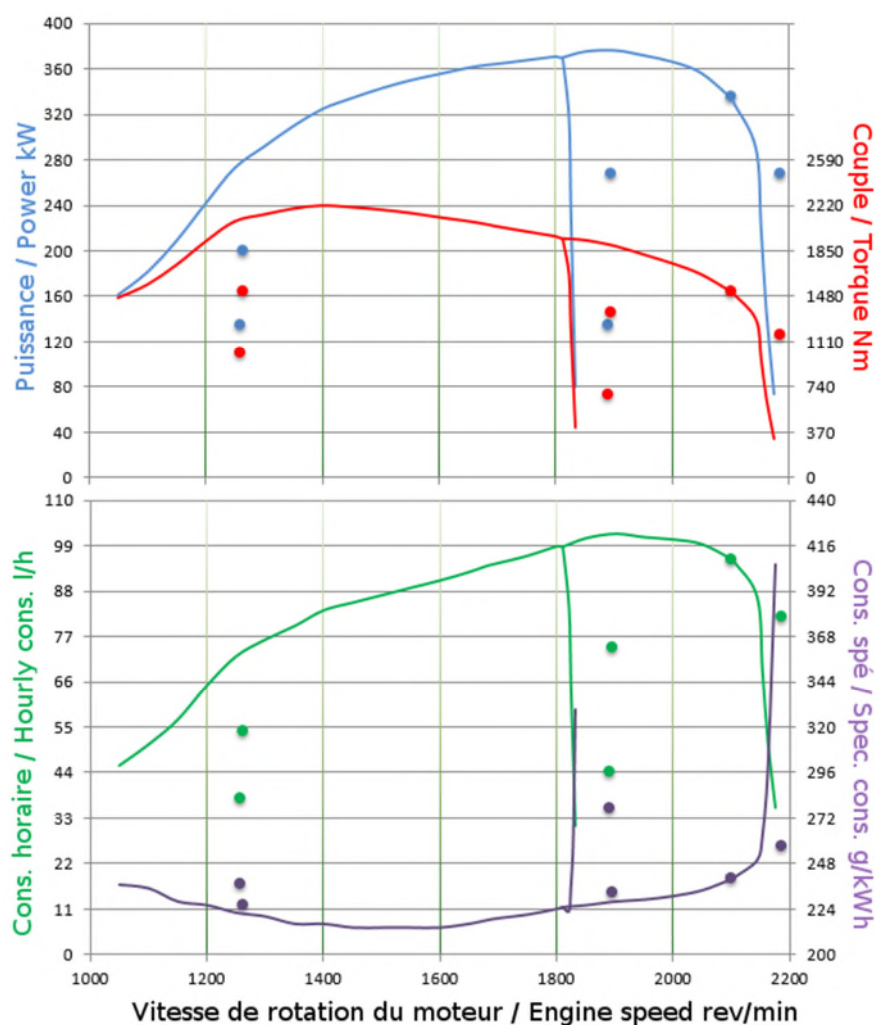
Power, Engine and Power take-off speed	369,87 kW	1811 min <sup>-1</sup>	1000 min <sup>-1</sup>
Hourly and specific consumption		98,79 l/h	225 g/kWh
Hourly and specific urea consumption		7,91 l/h	23,2 g/kWh

### Torque rise

45,5 %

### Maximum torque, Engine speed corresponding

2214,7 Nm

1400 min<sup>-1</sup>

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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

Closed centre

Relief valve pressure setting (tolerance):

21 +0.5/-1.0 MPa

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 HYDRAULIC PERFORMANCES
 

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At maximum hydraulic power

Flow rate, Pressure, Power (couplers: 1 pair)	162,6 l/min	14,59 MPa	39,6 kW
Flow rate, Pressure, Power (couplers: 2 pairs or +)	211,9 l/min	18,23 MPa	64,4 kW

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 POWER LIFT
 

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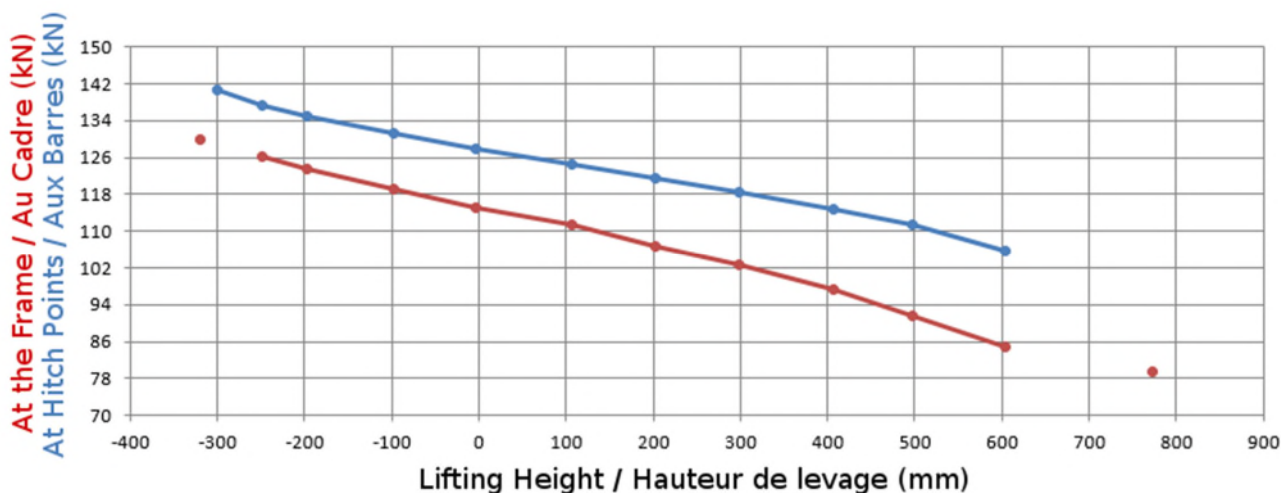
Maximum lifting force

at the hitch points

102,9 kN

at the frame

79,5 kN

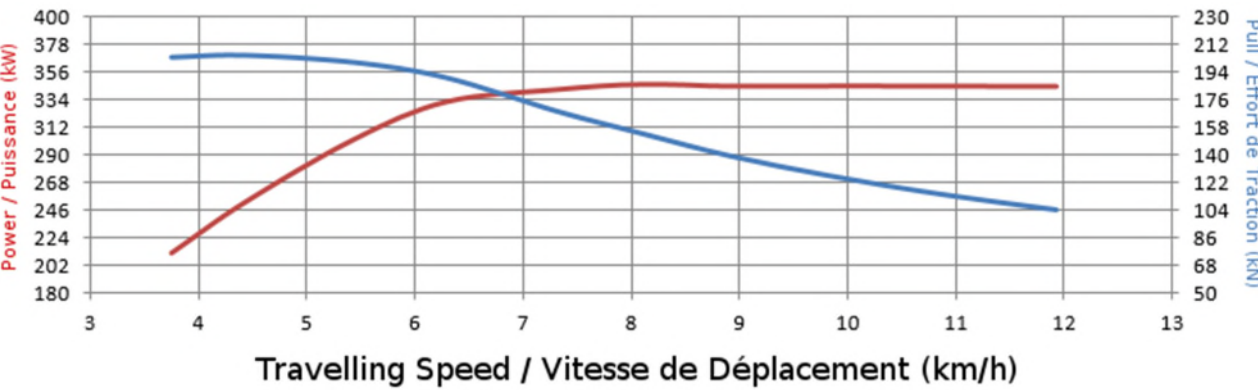


DRAWBAR TEST

Front tyres, Rear tyres	520/85R42	520/85R42
Inflation pressure	69 kPa	62 kPa

UNBALLASTED

Total Mass	21393 kg
Maximum drawbar pull	205,04 kN
at speed of	4,43 km/h
Maximum power	346,41 kW
at speed of	8,10 km/h



BALLASTED

Not Applicable