

OECD ABSTRACT OF AGRICULTURAL AND FORESTRY TRACTOR PERFORMANCE TEST

OECD Approval Number	2/2 886
OECD Approval Date	22/04/2015
Make	CASE IH
Model	FARMALL 75 C
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
<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	Not
<i>Number of splines</i>	6	Applicable

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

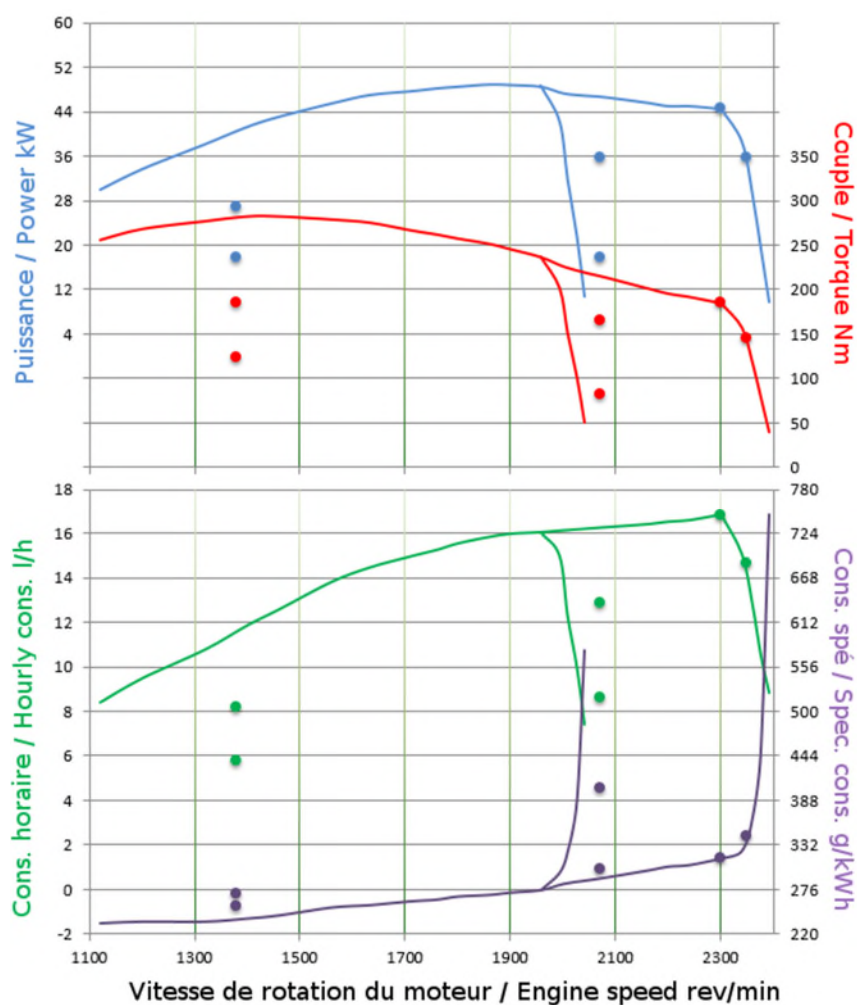
Power, Engine and Power take-off speed	44,6 kW	2300 min ⁻¹	635 min ⁻¹
Hourly and specific consumption		16,81 l/h	315 g/kWh
Hourly and specific urea consumption		-	-

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

Maximum torque, Engine speed corresponding	282,8 Nm	1460 min ⁻¹	47,1 %
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 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 +)

Not

Applicable

 POWER LIFT

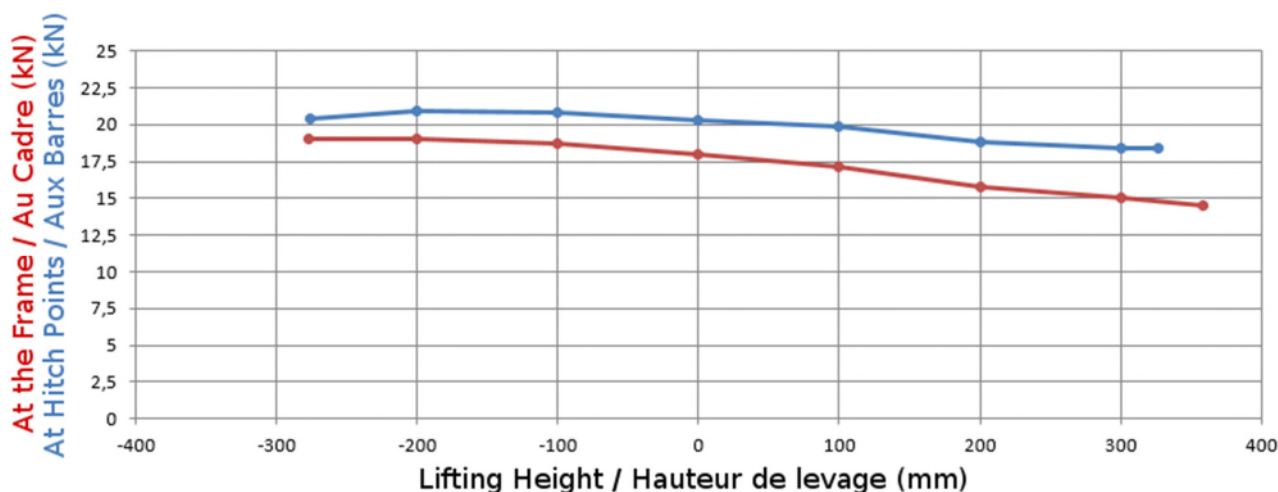
Maximum lifting force

at the hitch points

18,4 kN

at the frame

14,5 kN

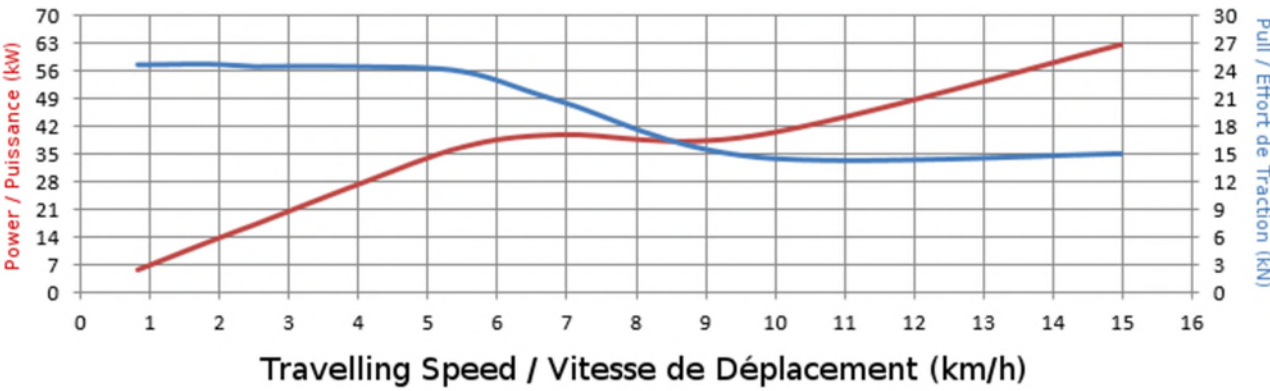


DRAWBAR TEST

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

