

OECD ABSTRACT OF AGRICULTURAL AND FORESTRY TRACTOR PERFORMANCE TEST

| | |
|-----------------------------|---|
| OECD Approval Number | 2/2 859 |
| OECD Approval Date | 13/01/2015 |
| Make | CASE IH |
| Model | FARMALL 95 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> | 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 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 0,94 to 38,68 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> | 662 min ⁻¹ | 1082 min ⁻¹ |
| <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 | 64,1 kW | 1879 min ⁻¹ | 541 min ⁻¹ |
| Hourly and specific consumption | | 18,83 l/h | 246 g/kWh |
| Hourly and specific urea consumption | | - | - |

Test at maximum power at rated engine speed

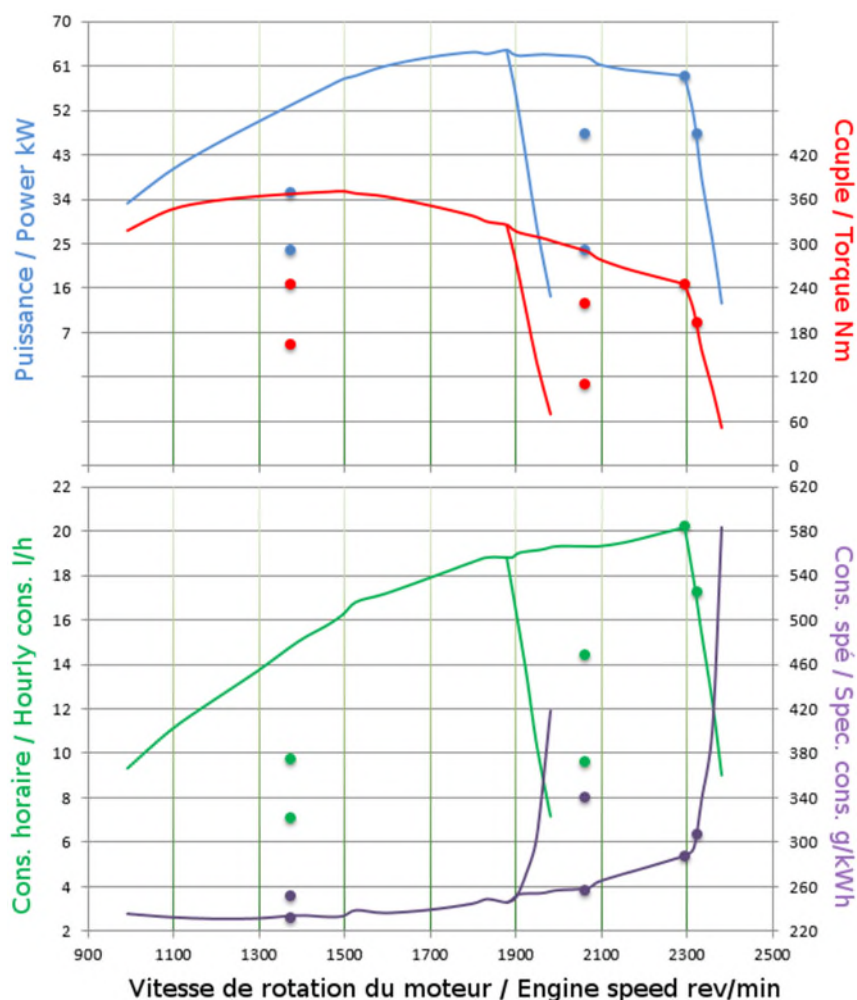
| | | | |
|--|---------|------------------------|-----------------------|
| Power, Engine and Power take-off speed | 58,9 kW | 2296 min ⁻¹ | 661 min ⁻¹ |
| Hourly and specific consumption | | 20,19 l/h | 287 g/kWh |
| Hourly and specific urea consumption | | - | - |

Test at standard Power take-off speed

| | | | |
|--|---------|------------------------|-----------------------|
| Power, Engine and Power take-off speed | 64,1 kW | 1879 min ⁻¹ | 541 min ⁻¹ |
| Hourly and specific consumption | | 18,83 l/h | 246 g/kWh |
| Hourly and specific urea consumption | | - | - |

Torque rise

| | | | |
|--|----------|------------------------|--------|
| Maximum torque, Engine speed corresponding | 371,2 Nm | 1497 min ⁻¹ | 42,8 % |
|--|----------|------------------------|--------|



 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)

60,5 l/min

15,9 MPa

16,0 kW

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

Not

Applicable

 POWER LIFT

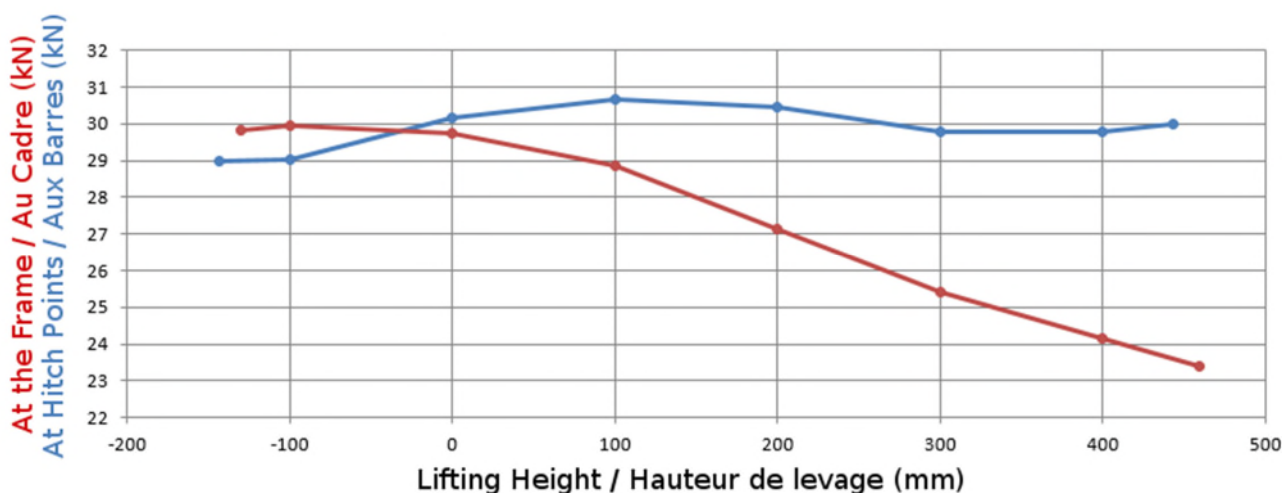
Maximum lifting force

at the hitch points

29,0 kN

at the frame

23,4 kN

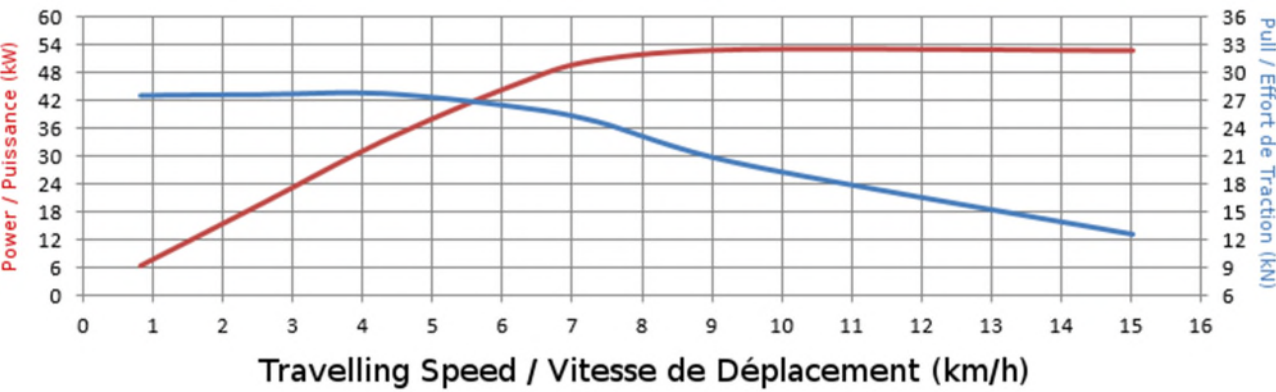


DRAWBAR TEST

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

UNBALLASTED

| | |
|----------------------|-----------|
| Total Mass | 3405 kg |
| Maximum drawbar pull | 27,8 kN |
| at speed of | 4,30 km/h |
| Maximum power | 52,9 kW |
| at speed of | 9,42 km/h |



BALLASTED

Not Applicable

