

## OECD ABSTRACT OF AGRICULTURAL AND FORESTRY TRACTOR PERFORMANCE TEST

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|-----------------------------|---|
| <b>OECD Approval Number</b> | <b>2/2 867</b>                            |
| <b>OECD Approval Date</b>   | <b>29/01/2015</b>                         |
| <b>Make</b>                 | <b>CASE IH</b>                            |
| <b>Model</b>                | <b>FARMALL 115 C</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>         | F5DFL413H            |
| <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 | 75,2 kW | 1872 min <sup>-1</sup> | 539 min <sup>-1</sup> |
| Hourly and specific consumption        |         | 22,05 l/h              | 246 g/kWh             |
| Hourly and specific urea consumption   |         | -                      | -                     |

### Test at maximum power at rated engine speed

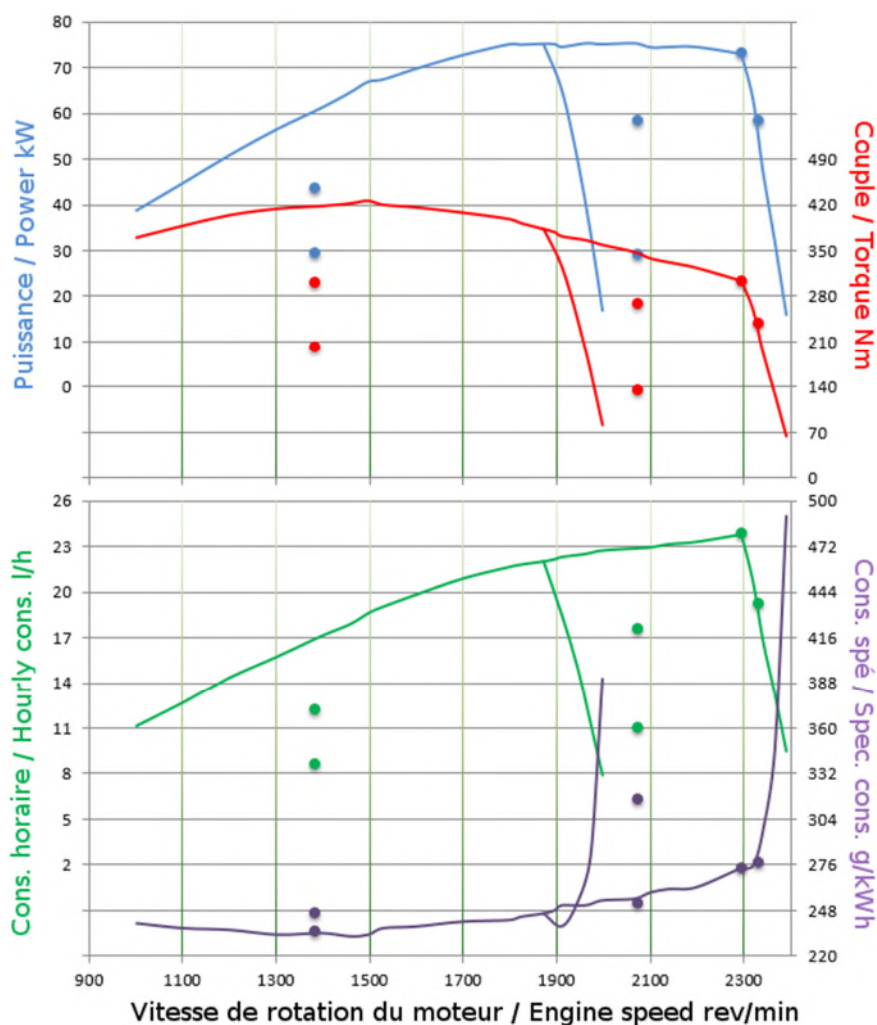
|  |         |                        |                       |
|--|---------|------------------------|-----------------------|
| Power, Engine and Power take-off speed | 73,0 kW | 2296 min <sup>-1</sup> | 661 min <sup>-1</sup> |
| Hourly and specific consumption        |         | 23,84 l/h              | 274 g/kWh             |
| Hourly and specific urea consumption   |         | -                      | -                     |

### Test at standard Power take-off speed

|  |         |                        |                       |
|--|---------|------------------------|-----------------------|
| Power, Engine and Power take-off speed | 75,2 kW | 1872 min <sup>-1</sup> | 539 min <sup>-1</sup> |
| Hourly and specific consumption        |         | 22,05 l/h              | 246 g/kWh             |
| Hourly and specific urea consumption   |         | -                      | -                     |

### Torque rise

|  |          |                        |        |
|--|----------|------------------------|--------|
| Maximum torque, Engine speed corresponding | 426,9 Nm | 1497 min <sup>-1</sup> | 40,7 % |
|--|----------|------------------------|--------|



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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)

60,0 l/min

15,9 MPa

15,9 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

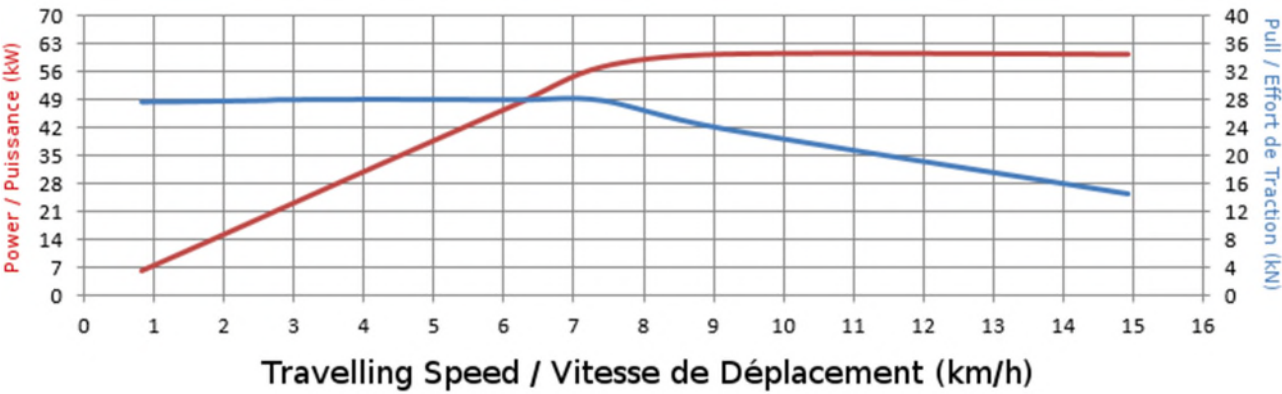


DRAWBAR TEST

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

UNBALLASTED

|                      |           |
|----------------------|-----------|
| Total Mass           | 3405 kg   |
| Maximum drawbar pull | 27,9 kN   |
| at speed of          | 4,30 km/h |
| Maximum power        | 60,3 kW   |
| at speed of          | 9,12 km/h |



BALLASTED

Not Applicable