



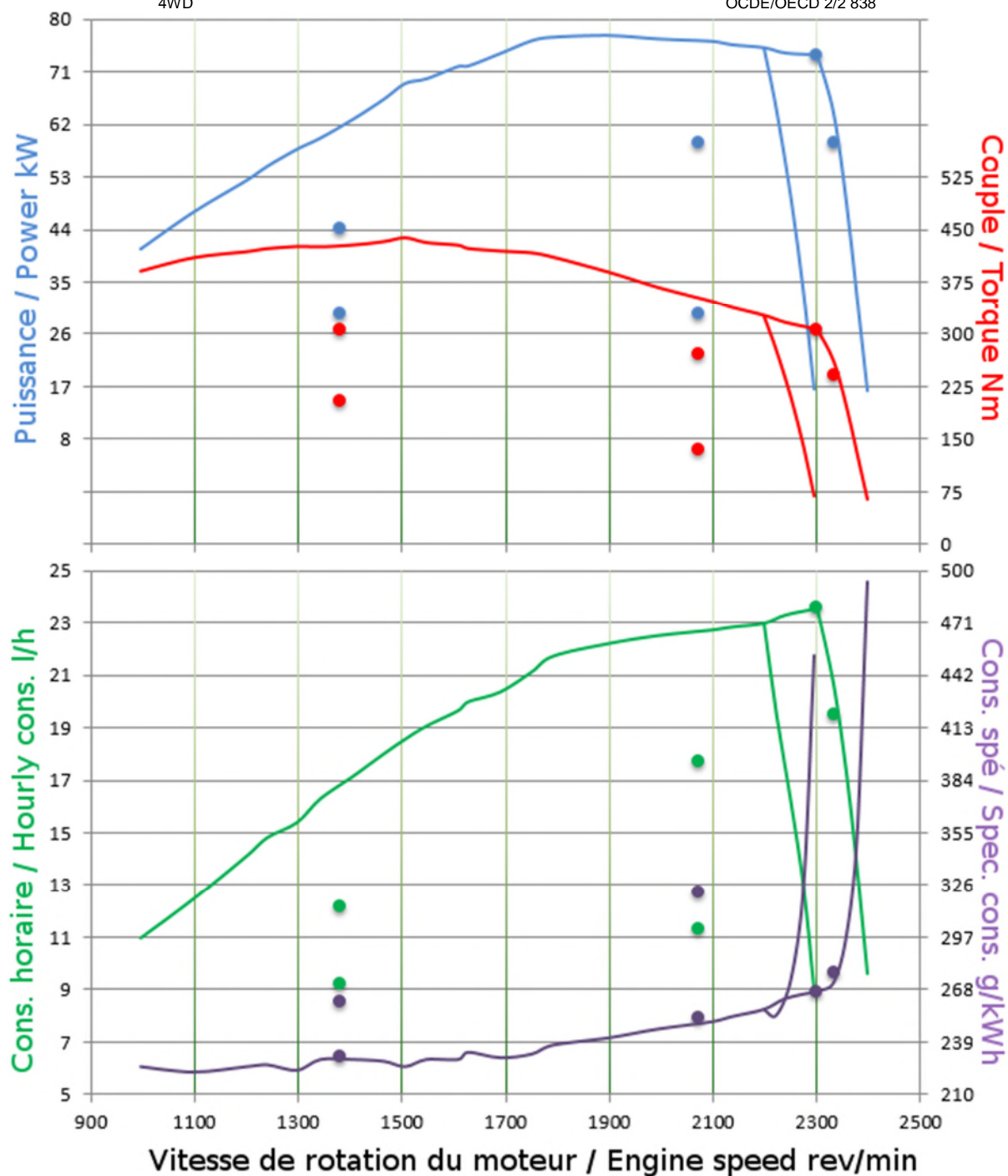
OECD approval number
OECD approval date
Make
Model
Type

Manufacturer:
Testing station:

2/2 838
14/05/2014
NEW HOLLAND
T 4.115
4WD
Mechanical - 40 km/h
CNH Industrial Europe Holding S.A.
DISTAL – Italy

NEW HOLLAND T 4.115
4WD

OCDE/OECD 2/2 838



Engine, Transmission, Power take-off Specifications

| | | |
|---------------------------------------------------|-----------------------|------------------------|
| <i>Make, Model</i> | FTP Industrial | F5DFL413H |
| <i>Type, Supercharging</i> | Direct injection | Yes |
| <i>Cylinders, Disposition</i> | 4 | vertical in line |
| <i>Capacity, Cooling</i> | 3387 cm ³ | Liquid |
| <i>Gear box</i> | | Mechanical |
| <i>Number of forward and reverse speeds</i> | 12 | 12 |
| <i>Speed at rated engine speed</i> | from 2,15 | to 38,22 km/h |
| <u>Standard Power take-off speed</u> | 540 min ⁻¹ | 1000 min ⁻¹ |
| <i>Power take-off speed at rated engine speed</i> | 565 min ⁻¹ | 1017 min ⁻¹ |
| <i>Diameter of the shaft</i> | 35 mm | 35 mm |
| <i>Number of splines</i> | 6 | 21 |

Power take-off TestOne hour test at maximum power

| | | | |
|-----------------------------------------------|---------|------------------------|-----------------------|
| <i>Power, Engine and Power take-off speed</i> | 77,2 kW | 1897 min ⁻¹ | 466 min ⁻¹ |
| <i>Hourly and specific consumption</i> | | 22,22 l/h | 241 g/kWh |

Test at maximum power at rated engine speed

| | | | |
|-----------------------------------------------|---------|------------------------|-----------------------|
| <i>Power, Engine and Power take-off speed</i> | 73,9 kW | 2300 min ⁻¹ | 565 min ⁻¹ |
| <i>Hourly and specific consumption</i> | | 23,56 l/h | 267 g/kWh |

Test at standard Power take-off speed

| | | | |
|-----------------------------------------------|---------|------------------------|-----------------------|
| <i>Power, Engine and Power take-off speed</i> | 75,1 kW | 2198 min ⁻¹ | 540 min ⁻¹ |
| <i>Hourly and specific consumption</i> | | 23,00 l/h | 257 g/kWh |

Torque rise

| | | | |
|---------------------------------------------------|----------|------------------------|--------|
| <i>Maximum torque, Engine speed corresponding</i> | 437,6 Nm | 1506 min ⁻¹ | 42,7 % |
|---------------------------------------------------|----------|------------------------|--------|

Drawbar Test

| | | |
|--------------------------------|--------------------|------------------|
| <i>Front tyres, Rear tyres</i> | 440/65 R24 | 540/65 R34 |
| <u>Test with tractor</u> | <u>unballasted</u> | <u>ballasted</u> |
| <i>Total Mass</i> | 3405 kg | |
| <i>Maximum drawbar pull</i> | 27,78 kN | |
| <i>at speed of</i> | 5,68 km/h | Not |
| <i>Maximum power</i> | 58,92 kW | Applicable |
| <i>at speed of</i> | 12,58 km/h | |

Hydraulic Performance and Power Lift Test

| | | |
|------------------------------------------------------------|-------------|--------------------|
| <i>Hydraulic system</i> | | Open centre |
| <u>At maximum hydraulic power</u> | | |
| <i>Flow rate, Pressure, Power (couplers: 1 pair)</i> | 40,08 l/min | 17,66 MPa 11,80 kW |
| <i>Flow rate, Pressure, Power (couplers: 2 pairs or +)</i> | | Not Applicable |
| <u>Maximum lifting force</u> | | |
| <i>at the hitch points, at frame</i> | 24,3 kN | 17,5 kN |