



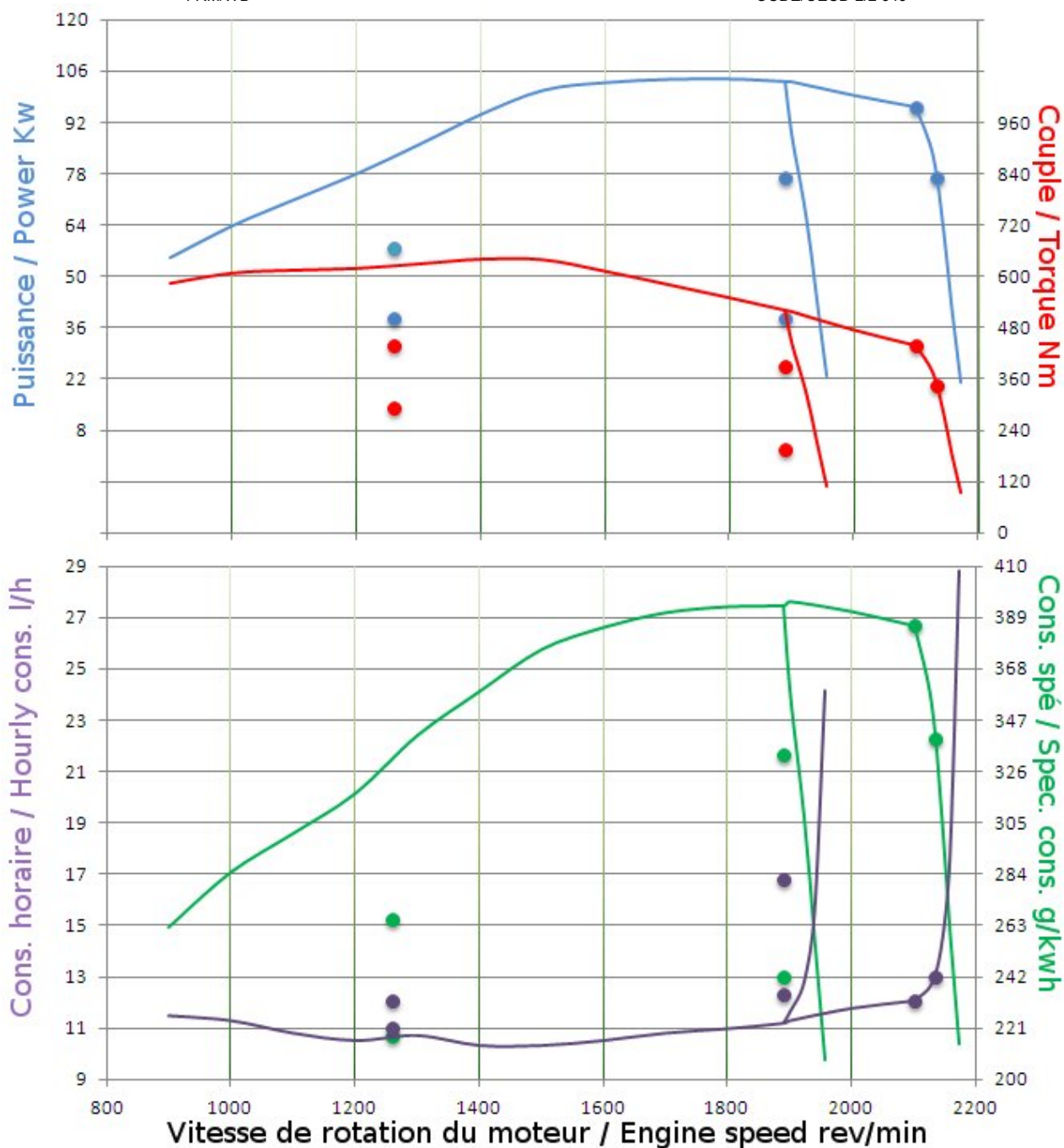
OECD approval number
OECD approval date
Make
Model
Type

Manufacturer:
Testing station:

2/2 649
18/11/2011
New Holland
T7.185
4 WD
semi-powershift - 40 km/h
CNH Europe Holding S.A.
IMAMOTER – Torino, Italy

New Holland T7.185
4 RM/WD

OCDE/OECD 2/2 649



Engine, Transmission, Power take-off Specifications

| | | |
|---|-----------------------|------------------------|
| <i>Make, Model</i> | Iveco | F4DFE613C |
| <i>Type, Supercharging</i> | Direct injection | Yes |
| <i>Cylinders, Disposition</i> | 6 | vertical in line |
| <i>Capacity, Cooling</i> | 6728 cm ³ | Liquid |
| <i>Gear box</i> | | mechanical |
| <i>Number of forward and reverse speeds</i> | 19 | 6 |
| <i>Speed at rated engine speed</i> | from 2,4 | to 42,4 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> | 576 min ⁻¹ | 1109 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> | 103,7 kW | 1800 min ⁻¹ | 952 min ⁻¹ |
| <i>Hourly and specific consumption</i> | | 27,43 l/h | 221 g/kWh |

Test at maximum power at rated engine speed

| | | | |
|---|---------|------------------------|------------------------|
| <i>Power, Engine and Power take-off speed</i> | 96,1 kW | 2100 min ⁻¹ | 1111 min ⁻¹ |
| <i>Hourly and specific consumption</i> | | 26,68 l/h | 232 g/kWh |

Test at standard Power take-off speed

| | | | |
|---|----------|------------------------|------------------------|
| <i>Power, Engine and Power take-off speed</i> | 103,0 kW | 1890 min ⁻¹ | 1000 min ⁻¹ |
| <i>Hourly and specific consumption</i> | | 27,47 l/h | 223 g/kWh |

Torque rise

| | | |
|---|----------|------------------------|
| <i>Maximum torque, Engine speed corresponding</i> | 641,8 Nm | 1400 min ⁻¹ |
|---|----------|------------------------|

Drawbar Test

| | | |
|--------------------------------|--------------------|-------------------|
| <i>Front tyres, Rear tyres</i> | 540/65R28 | 650/65R38 |
| <u>Test with tractor</u> | <u>unballasted</u> | <u>ballasted</u> |
| <i>Total Mass</i> | 6350 kg | |
| <i>Maximum drawbar pull</i> | 60,8 kN | <i>Not</i> |
| <i>at speed of</i> | 2,1 km/h | <i>Applicable</i> |
| <i>Maximum power</i> | 90,5 kW | |
| <i>at speed of</i> | 13,5 km/h | |

Hydraulic Performance and Power Lift Test

| | | | |
|--|------------|----------|---------------|
| <i>Hydraulic system</i> | | | Closed centre |
| <u>At maximum hydraulic power</u> | | | |
| <i>Flow rate, Pressure, Power (couplers: 1 pair)</i> | 89,9 l/min | 16,0 MPa | 24,0 kW |
| <i>Flow rate, Pressure, Power (couplers: 2 pairs or +)</i> | 87,2 l/min | 18,0 MPa | 26,2 kW |
| <u>Maximum lifting force</u> | | | |
| <i>at the hitch points, at frame</i> | | 53,8 kN | 42,7 kN |