



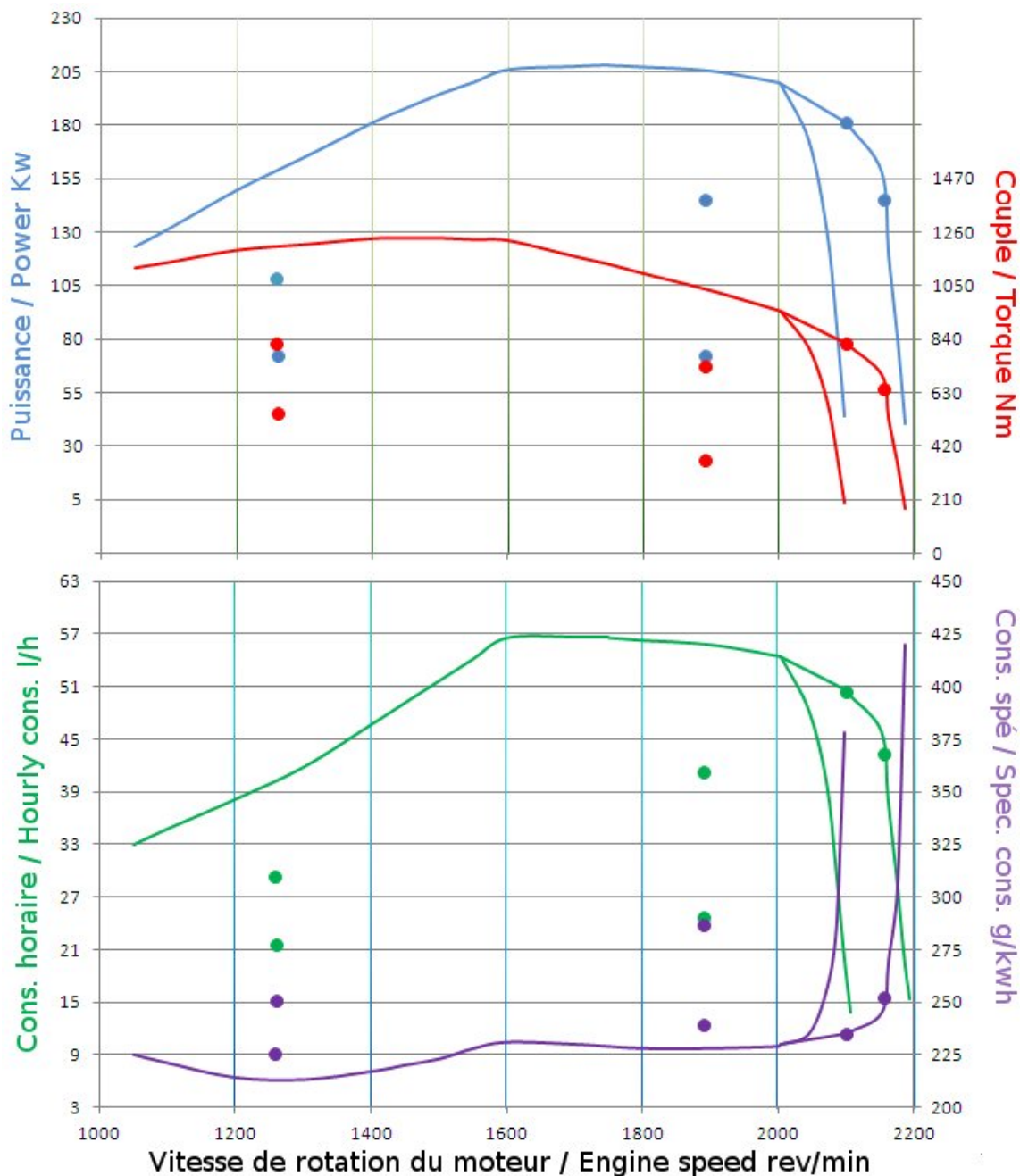
OECD approval number
OECD approval date
Make
Model
Type

Manufacturer:
Testing station:

2/2 589
11/02/2011
John Deere
8295RT
Rubber Tracked
Full powershift - 40 km/h
John Deere Tractor Works
Nebraska Tractor Test Laboratory
Lincoln, Nebraska U.S.A.

John Deere 8295RT
Rubber tracked

OCDE/OECD 2/2 589



Engine, Transmission, Power take-off Specifications

| | | |
|---|-----------------------|------------------------|
| <i>Make, Model</i> | John Deere | 6090HRW48 |
| <i>Type, Supercharging</i> | Direct injection | Yes |
| <i>Cylinders, Disposition</i> | 6 | vertical in line |
| <i>Capacity, Cooling</i> | 8984 cm ³ | Liquid |
| <i>Gear box</i> | | Full powershift |
| <i>Number of forward and reverse speeds</i> | 16 | 4 |
| <i>Speed at rated engine speed</i> | from 1,82 | to 37,76 km/h |
| <i>Standard Power take-off speed</i> | 540 min ⁻¹ | 1000 min ⁻¹ |
| <i>Power take-off speed at rated engine speed</i> | | 1048 min ⁻¹ |
| <i>Diameter of the shaft</i> | Not | 45 mm |
| <i>Number of splines</i> | Applicable | 20 |

Power take-off TestOne hour test at maximum power

| | | | |
|---|-----------|------------------------|-----------------------|
| <i>Power, Engine and Power take-off speed</i> | 208,16 kW | 1749 min ⁻¹ | 873 min ⁻¹ |
| <i>Hourly and specific consumption</i> | | 56,70 l/h | 229 g/kWh |

Test at maximum power at rated engine speed

| | | | |
|---|-----------|------------------------|------------------------|
| <i>Power, Engine and Power take-off speed</i> | 181,06 kW | 2100 min ⁻¹ | 1048 min ⁻¹ |
| <i>Hourly and specific consumption</i> | | 50,51 l/h | 235 g/kWh |

Test at standard Power take-off speed

| | | | |
|---|-----------|------------------------|------------------------|
| <i>Power, Engine and Power take-off speed</i> | 199,32 kW | 2004 min ⁻¹ | 1000 min ⁻¹ |
| <i>Hourly and specific consumption</i> | | 54,43 l/h | 230 g/kWh |

Torque rise

| | | | |
|---|---------|--|------------------------|
| <i>Maximum torque, Engine speed corresponding</i> | 1238 Nm | | 1501 min ⁻¹ |
|---|---------|--|------------------------|

Drawbar Test*Front tyres, Rear tyres*

| | | |
|--------------------------|-------------|-----------|
| <i>Test with tractor</i> | unballasted | ballasted |
|--------------------------|-------------|-----------|

Total Mass

| | | |
|--|----------|--|
| | 15272 kg | |
|--|----------|--|

Maximum drawbar pull

| | | |
|--|----------|--|
| | 145,9 kN | |
|--|----------|--|

at speed of

| | | |
|--|-----------|-----|
| | 2,95 km/h | Not |
|--|-----------|-----|

Maximum power

| | | |
|--|-----------|------------|
| | 183,18 kW | Applicable |
|--|-----------|------------|

at speed of

| | | |
|--|-----------|--|
| | 8,14 km/h | |
|--|-----------|--|

Hydraulic Performance and Power Lift Test*Hydraulic system*

| | | |
|--|--|---------------|
| | | Closed centre |
|--|--|---------------|

At maximum hydraulic power

| | | | |
|--|-------------|-----------|---------|
| <i>Flow rate, Pressure, Power (couplers: 1 pair)</i> | 149,1 l/min | 15,76 MPa | 39,2 kW |
|--|-------------|-----------|---------|

| | | | |
|--|-------------|-----------|---------|
| <i>Flow rate, Pressure, Power (couplers: 2 pairs or +)</i> | 179,5 l/min | 18,89 MPa | 56,5 kW |
|--|-------------|-----------|---------|

Maximum lifting force

| | | |
|--------------------------------------|---------|---------|
| <i>at the hitch points, at frame</i> | 61,9 kN | 62,3 kN |
|--------------------------------------|---------|---------|