

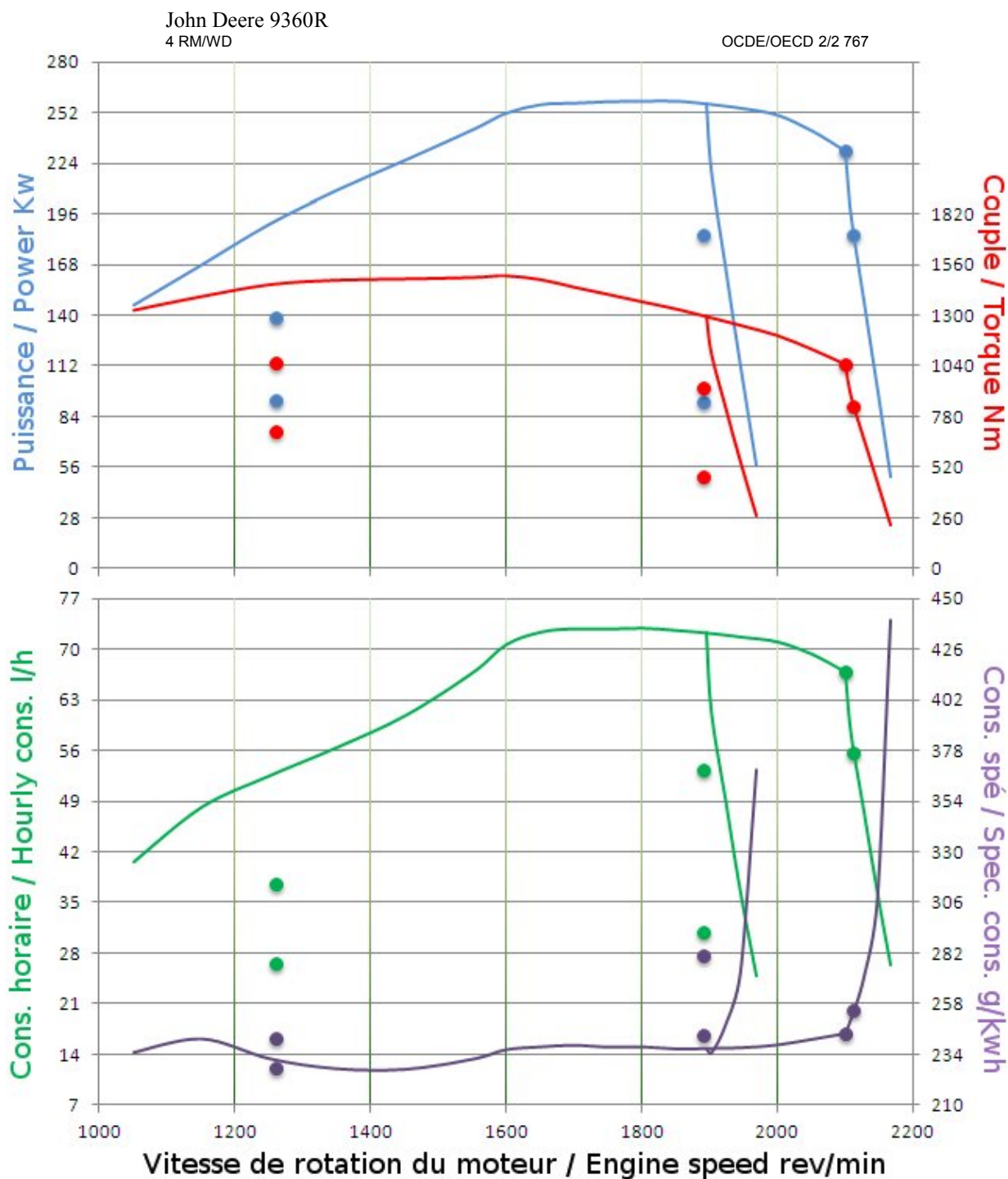


OECD approval number
OECD approval date
Make
Model
Type

Manufacturer:
Testing station:

2/2 767
24/06/2013
John Deere
9360R
4WD

Full PowerShift - 40 km/h
John Deere Tractor Works
Nebraska Tractor Test Laboratory
Lincoln, Nebraska U.S.A.



Engine, Transmission, Power take-off Specifications

| | | |
|---|-----------------------|------------------------|
| <i>Make, Model</i> | John Deere | 6090RW403 |
| <i>Type, Supercharging</i> | Direct injection | Yes |
| <i>Cylinders, Disposition</i> | 6 | vertical in line |
| <i>Capacity, Cooling</i> | 8948 cm ³ | Liquid |
| <i>Gear box</i> | | Full PowerShift |
| <i>Number of forward and reverse speeds</i> | 18 | 6 |
| <i>Speed at rated engine speed</i> | from 3,81 | to 37,78 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> | | 1108 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> | 258,06 kW | 1800 min ⁻¹ | 950 min ⁻¹ |
| <i>Hourly and specific consumption</i> | | 72,85 l/h | 238 g/kWh |

Test at maximum power at rated engine speed

| | | | |
|---|-----------|------------------------|------------------------|
| <i>Power, Engine and Power take-off speed</i> | 230,65 kW | 2099 min ⁻¹ | 1108 min ⁻¹ |
| <i>Hourly and specific consumption</i> | | 66,84 l/h | 244 g/kWh |

Test at standard Power take-off speed

| | | | |
|---|-----------|------------------------|------------------------|
| <i>Power, Engine and Power take-off speed</i> | 256,62 kW | 1895 min ⁻¹ | 1000 min ⁻¹ |
| <i>Hourly and specific consumption</i> | | 72,19 l/h | 237 g/kWh |

Torque rise

| | | | |
|---|-----------|--|------------------------|
| <i>Maximum torque, Engine speed corresponding</i> | 1502,1 Nm | | 1599 min ⁻¹ |
|---|-----------|--|------------------------|

Drawbar Test

| | | |
|--------------------------------|-------------|------------|
| <i>Front tyres, Rear tyres</i> | 480/80 R46 | 480/80 R46 |
| <i>Test with tractor</i> | unballasted | ballasted |
| <i>Total Mass</i> | 17028 kg | |
| <i>Maximum drawbar pull</i> | 160,73 kN | Not |
| <i>at speed of</i> | 3,54 km/h | Applicable |
| <i>Maximum power</i> | 231,60 kW | |
| <i>at speed of</i> | 11,22 km/h | |

Hydraulic Performance and Power Lift Test

| | | | |
|--|-------------|-----------|---------------|
| <i>Hydraulic system</i> | | | Closed centre |
| <i>At maximum hydraulic power</i> | | | |
| <i>Flow rate, Pressure, Power (couplers: 1 pair)</i> | 125,2 l/min | 15,41 MPa | 32,2 kW |
| <i>Flow rate, Pressure, Power (couplers: 2 pairs or +)</i> | 197,8 l/min | 17,00 MPa | 56,0 kW |
| <i>Maximum lifting force</i> | | | |
| <i>at the hitch points, at frame</i> | | 73,0 kN | 59,3 kN |