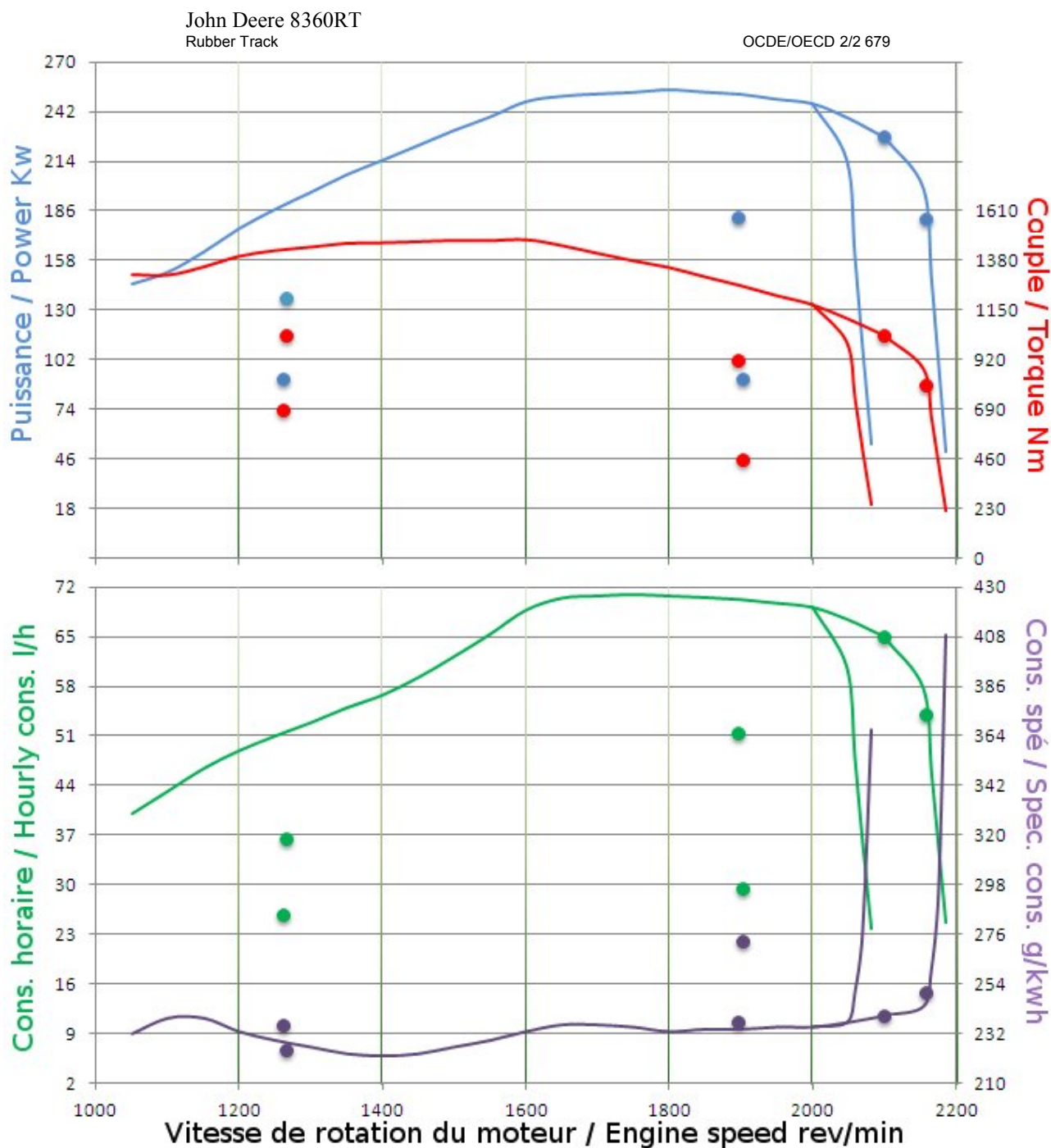




OECD approval number
OECD approval date
Make
Model
Type

Manufacturer:
Testing station:

2/2 679
16/02/2012
John Deere
8360RT
Rubber Track
IVT - 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	6090RW414
<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>		IVT
<i>Number of forward and reverse speeds</i>	-	-
<i>Speed at rated engine speed</i>	from 0	to 40 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>		1050 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>	253,44 kW	1800 min ⁻¹	900 min ⁻¹
<i>Hourly and specific consumption</i>		70,95 l/h	235 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	227,75 kW	2100 min ⁻¹	1050 min ⁻¹
<i>Hourly and specific consumption</i>		65,11 l/h	240 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	246,75 kW	2000 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		69,22 l/h	235 g/kWh

Torque rise

<i>Maximum torque, Engine speed corresponding</i>	1479 Nm		1600 min ⁻¹
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Drawbar Test

<i>Front tyres, Rear tyres</i>	Not	Applicable
<i>Test with tractor</i>	unballasted	ballasted
<i>Total Mass</i>	16151 kg	17761 kg
<i>Maximum drawbar pull</i>	157,89 kN	179,01 kN
<i>at speed of</i>	3,72 km/h	3,07 km/h
<i>Maximum power</i>	212,70 kW	215,32 kW
<i>at speed of</i>	9,78 km/h	8,09 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>	149,7 l/min	14,09 MPa	35,2 kW
<i>Flow rate, Pressure, Power (couplers: 2 pairs or +)</i>	245,2 l/min	16,66 MPa	68,1 kW
<i>Maximum lifting force</i>			
<i>at the hitch points, at frame</i>		77,3 kN	77,6 kN