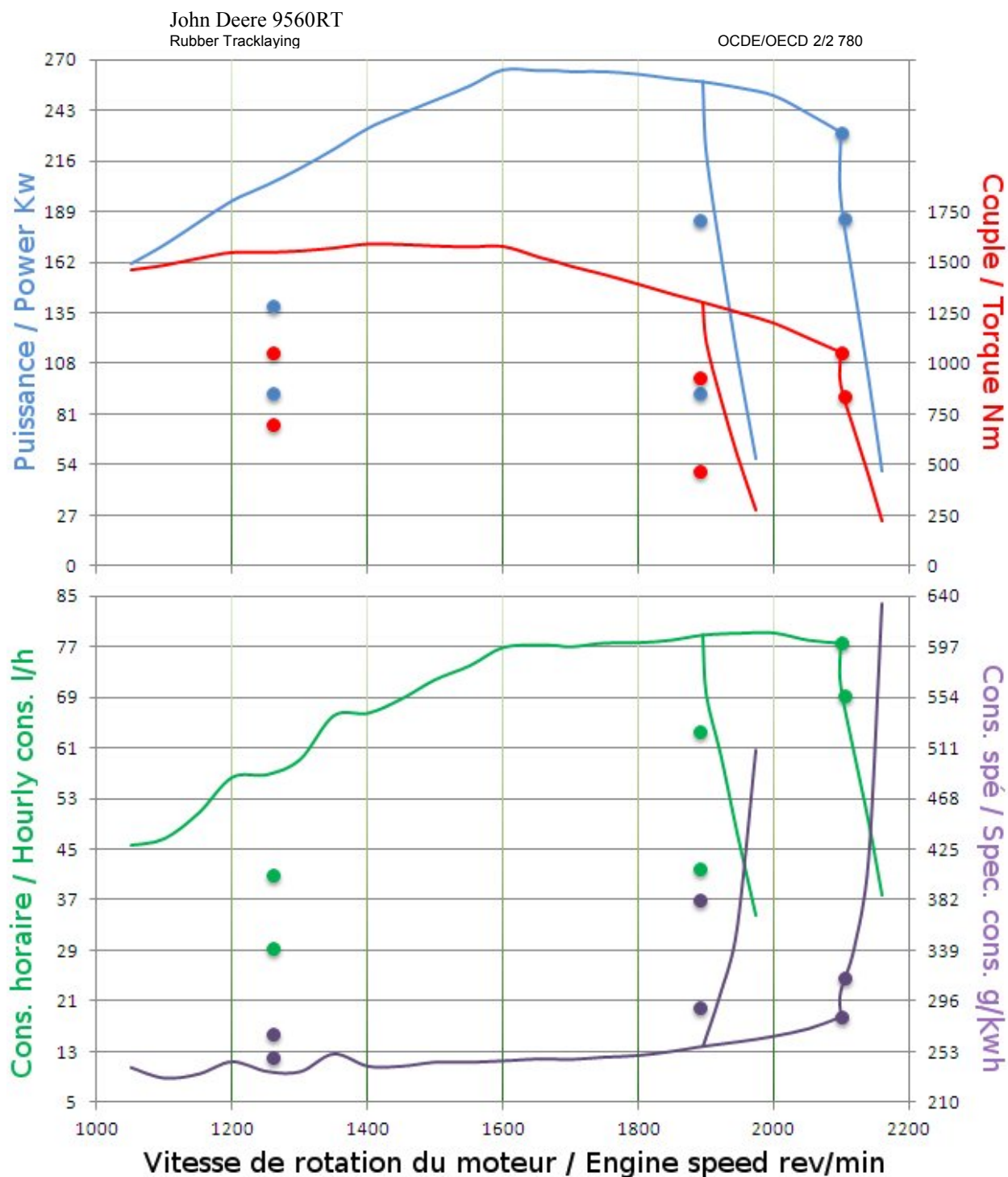




OECD approval number
OECD approval date
Make
Model
Type

Manufacturer:
Testing station:

2/2 780
27/08/2013
John Deere
9560RT
Rubber Tracklaying
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	6135RW401
<i>Type, Supercharging</i>	Direct injection	Yes
<i>Cylinders, Disposition</i>	6	vertical in line
<i>Capacity, Cooling</i>	13548 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 4,02	to 39,61 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>	264,31 kW	1650 min ⁻¹	871 min ⁻¹
<i>Hourly and specific consumption</i>		77,25 l/h	247 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	231,15 kW	2099 min ⁻¹	1108 min ⁻¹
<i>Hourly and specific consumption</i>		77,56 l/h	283 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	258,27 kW	1895 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		78,85 l/h	258 g/kWh

Torque rise

<i>Maximum torque, Engine speed corresponding</i>	1592,5 Nm		1400 min ⁻¹
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Drawbar Test*Front tyres, Rear tyres*

<i>Test with tractor</i>	unballasted	ballasted
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Total Mass

	21330 kg	24419 kg
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Maximum drawbar pull

	214,74 kN	257,31 kN
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at speed of

	3,53 km/h	3,37 km/h
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Maximum power

	366,86 kW	369,03 kW
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at speed of

	11,83 km/h	9,63 km/h
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Hydraulic Performance and Power Lift Test*Hydraulic system*

		Closed centre
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At maximum hydraulic power

<i>Flow rate, Pressure, Power (couplers: 1 pair)</i>	133,1 l/min	15,21 MPa	33,7 kW
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<i>Flow rate, Pressure, Power (couplers: 2 pairs or +)</i>	200,4 l/min	17,58 MPa	58,7 kW
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Maximum lifting force

<i>at the hitch points, at frame</i>	100,7 kN	82,5 kN
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