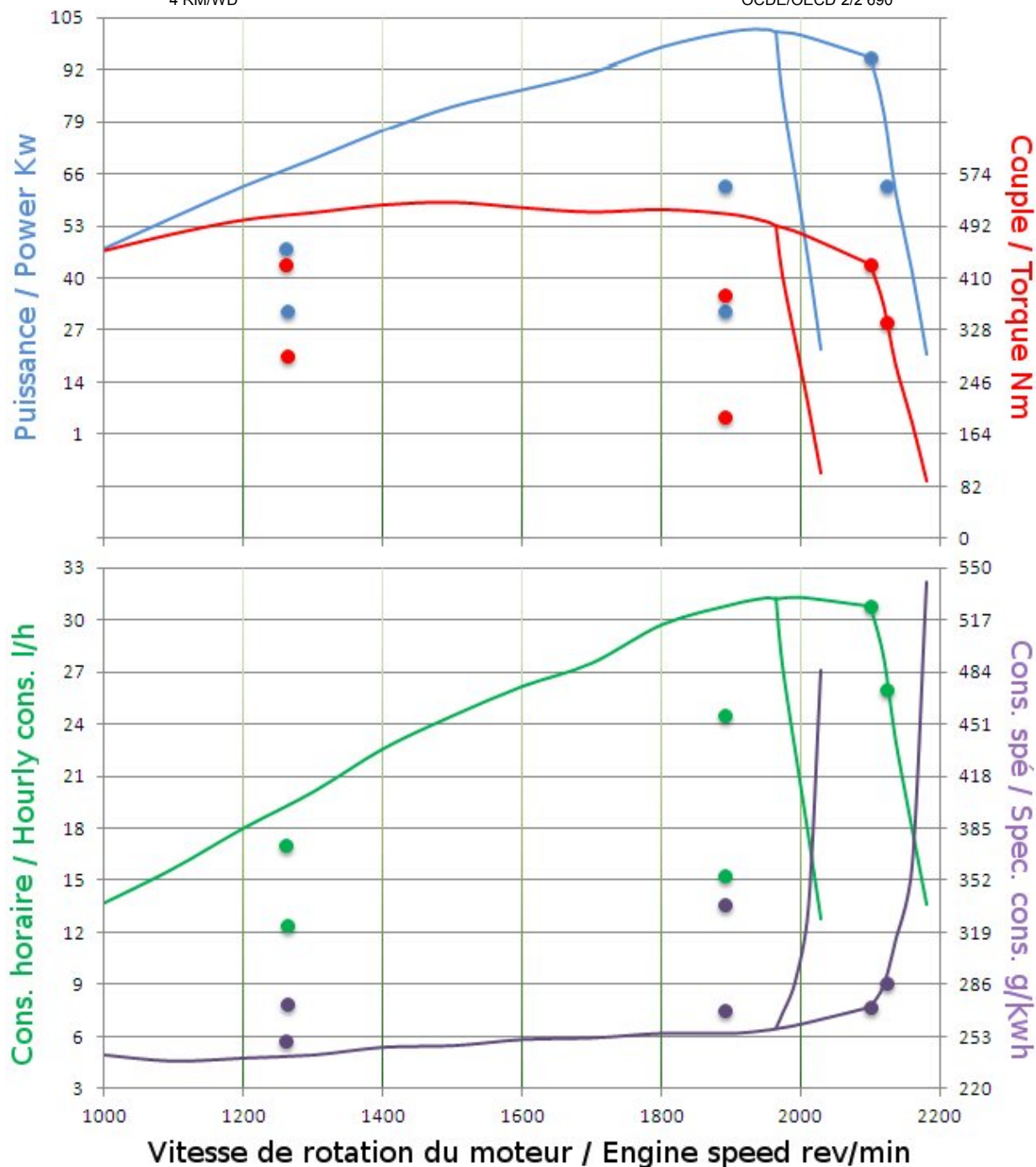




**OECD approval number** 2/2 690  
**OECD approval date** 29/05/2012  
**Make** DEUTZ-FAHR  
**Model** AGROTRON TTV 610  
**Type** 4WD  
 CVT - 50 km/h  
**Manufacturer:** SAME DEUTZ-FAHR DEUTSCHLAND GmbH  
**Testing station:** CRA-ING, Treviglio (BG), Italy

DEUTZ-FAHR AGROTRON TTV 610  
4 RM/WD

OCDE/OECD 2/2 690



**Engine, Transmission, Power take-off Specifications**

<i>Make, Model</i>	DEUTZ AG	TCD2012 L064V
<i>Type, Supercharging</i>	Direct injection	Yes
<i>Cylinders, Disposition</i>	6	vertical in line
<i>Capacity, Cooling</i>	6057 cm <sup>3</sup>	Liquid
<i>Gear box</i>		CVT
<i>Number of forward and reverse speeds</i>		4
<i>Speed at rated engine speed</i>	from 7,16	to 50,00 km/h
<u>Standard Power take-off speed</u>	540 min <sup>-1</sup>	1000 min <sup>-1</sup>
<i>Power take-off speed at rated engine speed</i>	577 min <sup>-1</sup>	1069 min <sup>-1</sup>
<i>Diameter of the shaft</i>	35 mm	35 mm
<i>Number of splines</i>	6	6

**Power take-off Test**One hour test at maximum power

<i>Power, Engine and Power take-off speed</i>	101,9 kW	1950 min <sup>-1</sup>	993 min <sup>-1</sup>
<i>Hourly and specific consumption</i>		31,30 l/h	257 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	95,0 kW	2100 min <sup>-1</sup>	1069 min <sup>-1</sup>
<i>Hourly and specific consumption</i>		30,82 l/h	272 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	101,3 kW	1965 min <sup>-1</sup>	1000 min <sup>-1</sup>
<i>Hourly and specific consumption</i>		31,25 l/h	258 g/kWh

Torque rise

<u>Maximum torque, Engine speed corresponding</u>		529 Nm	1500 min <sup>-1</sup>
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**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>	7335 kg	8335 kg
<i>Maximum drawbar pull</i>	62,47 kN	72,80 kN
<i>at speed of</i>	1,85 km/h	1,81 km/h
<i>Maximum power</i>	87,6 kW	88,9 kW
<i>at speed of</i>	10,12 km/h	9,11 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>	77,4 l/min	18,0 MPa	23,22 kW
<i>Flow rate, Pressure, Power (couplers: 2 pairs or +)</i>	113,5 l/min	19,5 MPa	36,89 kW
<u>Maximum lifting force</u>			
<i>at the hitch points, at frame</i>		67,78 kN	59,68 kN