



OECD approval number
OECD approval date
Make
Model
Type

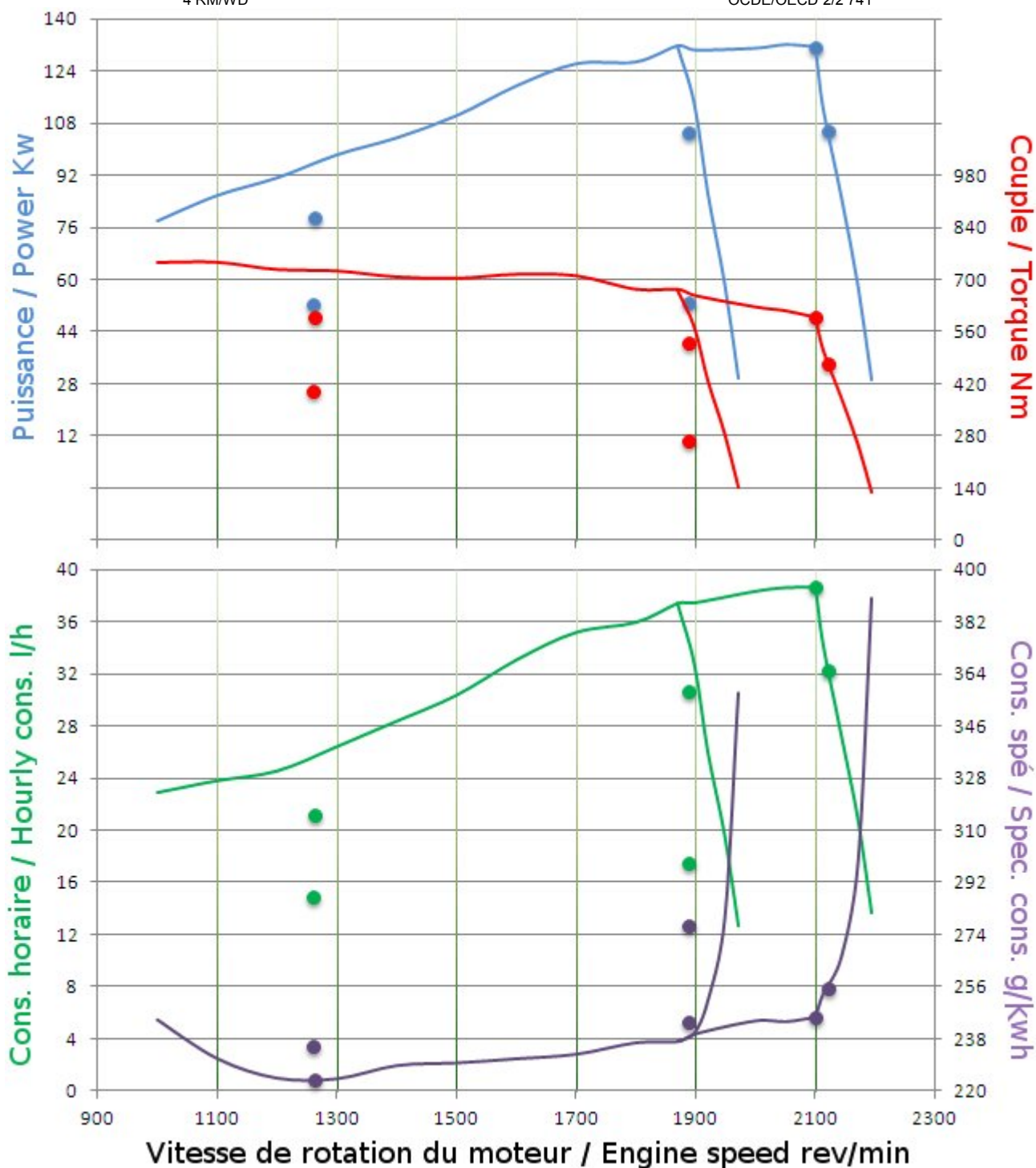
Manufacturer:

Testing station:

2/2 741
17/01/2013
DEUTZ-FAHR
AGROTRON TTV 630
4 WD
CVT - 50 km/h
SAME DEUTZ-FAHR DEUTSCHLAND
GmbH
IMAMOTER – Torino, Italy

DEUTZ-FAHR AGROTRON TTV 630
4 RM/WD

OCDE/OECD 2/2 741



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	DEUTZ AG	TCD 2012 L06 4V code C3CT163	
<i>Type, Supercharging</i>	Direct injection	Yes	
<i>Cylinders, Disposition</i>	6	vertical in line	
<i>Capacity, Cooling</i>	6057 cm ³	Liquid	
<i>Gear box</i>		CVT	
<i>Number of forward and reverse speeds</i>		-	-
<i>Speed at rated engine speed</i>		from 0	to 50 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>		603 min ⁻¹	1123 min ⁻¹
<i>Diameter of the shaft</i>		35 mm	35 mm
<i>Number of splines</i>		6	21

Power take-off TestOne hour test at maximum power

<i>Power, Engine and Power take-off speed</i>	132,0 kW	2050 min ⁻¹	1096 min ⁻¹
<i>Hourly and specific consumption</i>		38,60 l/h	244 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	131,4 kW	2100 min ⁻¹	1123 min ⁻¹
<i>Hourly and specific consumption</i>		38,65 l/h	246 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	131,6 kW	1870 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		37,39 l/h	237 g/kWh

Torque rise

<i>Maximum torque, Engine speed corresponding</i>		744,4 Nm	1100 min ⁻¹
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Drawbar Test

<i>Front tyres, Rear tyres</i>	540/65 R 34	650/65 R 42
<i>Test with tractor</i>	<u>unballasted</u>	<u>ballasted</u>
<i>Total Mass</i>	8270 kg	9980 kg
<i>Maximum drawbar pull</i>	63,4 kN	80,0 kN
<i>at speed of</i>	2,7 km/h	3,5 km/h
<i>Maximum power</i>	107,3 kW	110,1 kW
<i>at speed of</i>	11,0 km/h	10,1 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>	81,4 l/min	17,5 MPa	23,7 kW
<i>Flow rate, Pressure, Power (couplers: 2 pairs or +)</i>	132,2 l/min	17,5 MPa	38,6 kW
<i>Maximum lifting force</i>			
<i>at the hitch points, at frame</i>		70,3 kN	60,6 kN