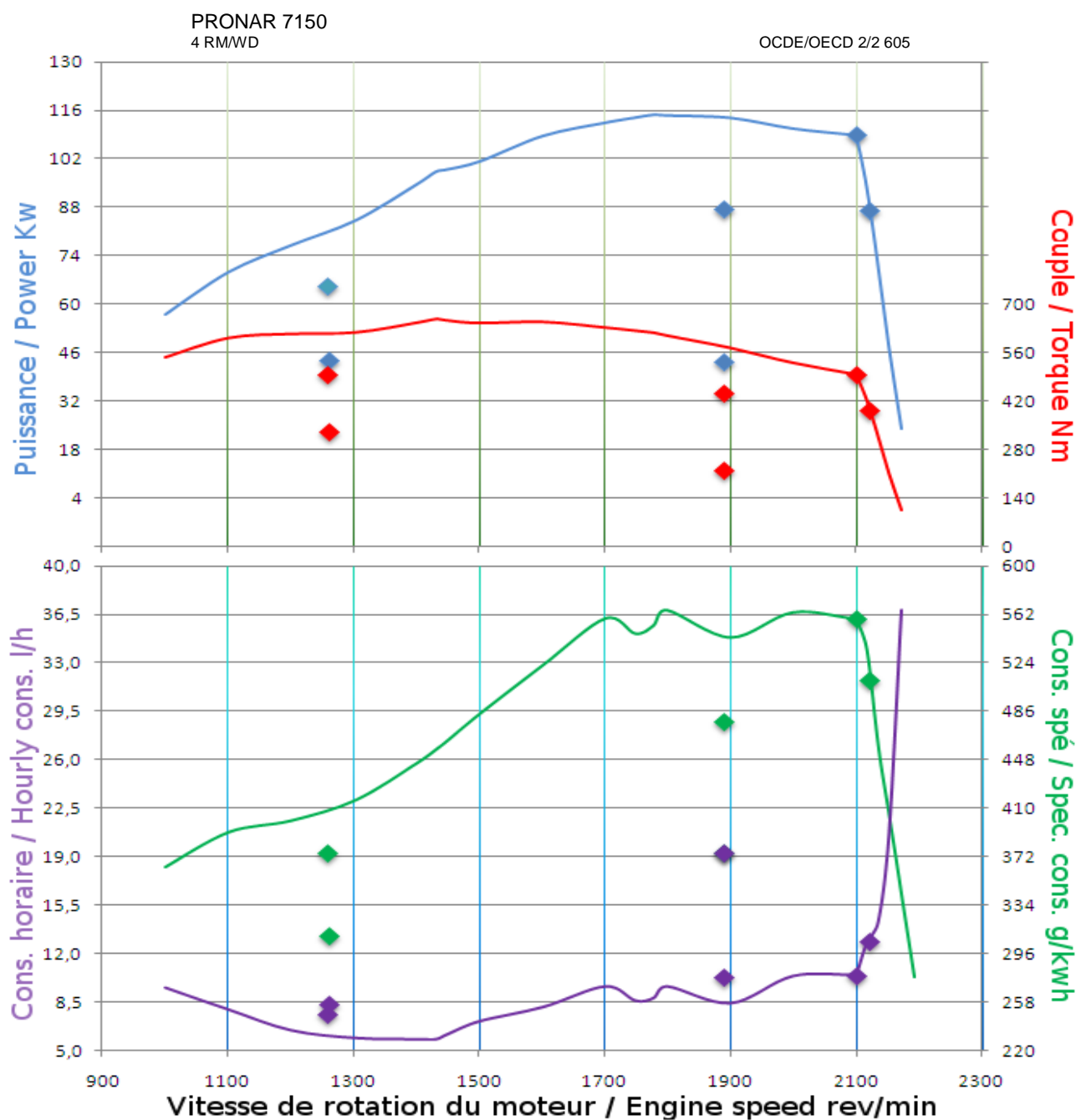




OECD approval number
OECD approval date
Make
Model
Type

Manufacturer:
Testing station:

2/2 605
03/05/2011
PRONAR
7150
4 WD
mechanical transmission - 40 km/h
PRONAR Sp. z o.o.
SZZPLS, a.s., Praha, Czech
Republic



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	DEUTZ	TCD 2012 L06 2V Code C3UT129	
<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>		mechanical	
<i>Number of forward and reverse speeds</i>		40	40
<i>Speed at rated engine speed</i>		from 0,35	to 40,00 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>		514 min ⁻¹	956 min ⁻¹
<i>Diameter of the shaft</i>		34,9 or 44,4 mm	34,9 or 44,4 mm
<i>Number of splines</i>		6, 21 or 20	6, 21 or 20

Power take-off TestOne hour test at maximum power

<i>Power, Engine and Power take-off speed</i>	114,9 kW	1778 min ⁻¹	809 min ⁻¹
<i>Hourly and specific consumption</i>		35,71 l/h	261 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	109,0 kW	2101 min ⁻¹	956 min ⁻¹
<i>Hourly and specific consumption</i>		36,17 l/h	279 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	1,0 kW	2193 min ⁻¹	998 min ⁻¹
<i>Hourly and specific consumption</i>		10,26 l/h	n/a

Torque rise

<i>Maximum torque, Engine speed corresponding</i>		656,6 Nm	1431 min ⁻¹
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Drawbar Test

<i>Front tyres, Rear tyres</i>	480/70 R 30	650/65 R 42
<i>Test with tractor</i>	<u>unballasted</u>	<u>ballasted</u>
<i>Total Mass</i>	7190 kg	7935 kg
<i>Maximum drawbar pull</i>	64,7 kN	
<i>at speed of</i>	4,52 km/h	Not
<i>Maximum power</i>	101,8 kW	required
<i>at speed of</i>	9,96 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>	95,0 l/min	16,2 MPa	25,7 kW
<i>Flow rate, Pressure, Power (couplers: 2 pairs or +)</i>	103,0 l/min	17,0 MPa	29,2 kW
<i>Maximum lifting force</i>			
<i>at the hitch points, at frame</i>		69,3 kN	61,8 kN