



**OECD approval number**

**2/2 101**

**Restricted Code**

**15/01/2004**

**OECD approval date**

**Make**

**Zetor**

**Model**

**8421 Proxima**

**Type**

**2 WD**

**30 km/h**

*Manufacturer*

**Zetor a.s.**

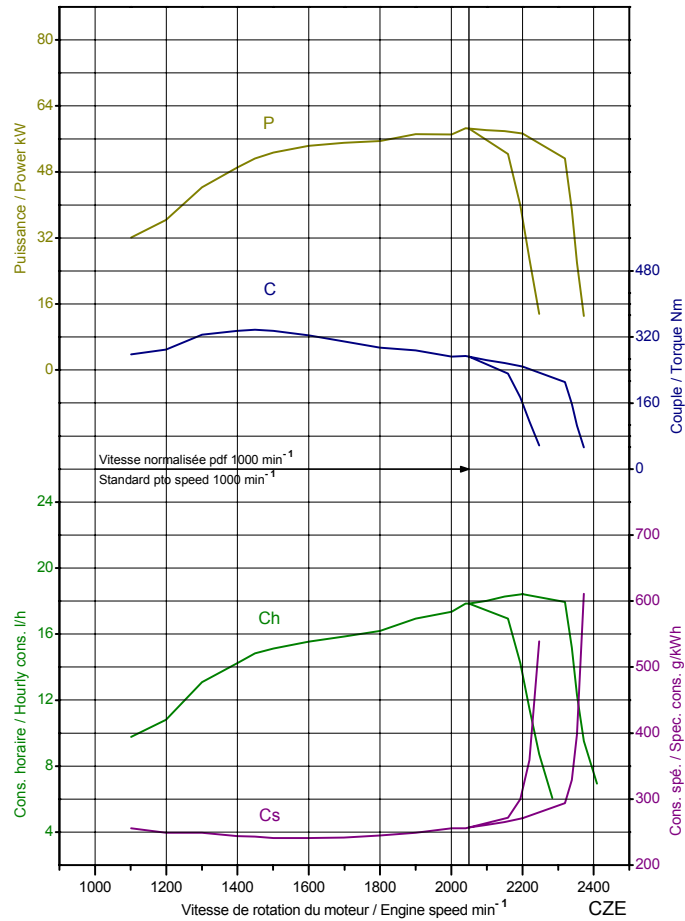
*Testing station:*

**SZZPLS, Praha, Czech Republic**

**Zetor 8421 Proxima**

**2 RM/WD (30 km/h)**

**OCDE/OECD 2/2101**



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

<i>Make, Model</i>	Zetor	1204
<i>Type, Supercharging</i>	Direct injection	Yes
<i>Cylinders, Disposition</i>	4	vertical in line
<i>Capacity, Cooling</i>	4156 cm <sup>3</sup>	Liquid
<i>Gear box</i>		Mechanical synchronized
<i>Number of forward and reverse speeds</i>	20	4
<i>Speed at rated engine speed</i>	from 1.25	to 29.82 km/h
<u>Standard Power take-off speed</u>	<u>540 min<sup>-1</sup></u>	<u>1000 min<sup>-1</sup></u>
<i>Power take-off speed at rated engine speed</i>	596 min <sup>-1</sup>	1073 min <sup>-1</sup>
<i>Diameter of the shaft</i>	34.9 mm	34.9 mm
<i>Number of splines</i>	6	21

**Power take-off Test**Two hours test at maximum power

<i>Power, Engine and Power take-off speed</i>	58.6 kW	2040 min <sup>-1</sup>	995 min <sup>-1</sup>
<i>Hourly and specific consumption</i>		17.86 l/h	256 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	57.3 kW	2200 min <sup>-1</sup>	1073 min <sup>-1</sup>
<i>Hourly and specific consumption</i>		18.43 l/h	271 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	58.5 kW	2050 min <sup>-1</sup>	1000 min <sup>-1</sup>
<i>Hourly and specific consumption</i>		17.85 l/h	257 g/kWh

Torque rise

<i>Maximum torque. Engine speed corresponding</i>		338.1 Nm	1449 min <sup>-1</sup>
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**Drawbar Test**

<i>Front tyres, Rear tyres</i>	9.00 - 16	16.9 R 34
<u>Test with tractor</u>	<u>unballasted</u>	<u>ballasted</u>
<i>Total Mass</i>	3350 kg	
<i>Maximum drawbar pull</i>	23.1 kN	Not
<i>at speed of</i>	6.53 km/h	required
<i>Maximum power</i>	47.7 kW	in
<i>at speed of</i>	13.62 km/h	Code 2

**Hydraulic Performance and Power Lift Test**

<i>Hydraulic system</i>			Opened centre
<u>At maximum hydraulic power</u>			
<i>Flow rate, Pressure, Power</i>	46.8 l/min	17.9 MPa	14.0 kW
<u>Maximum lifting force</u>			
<i>at hitch points, at frame</i>		34.6 kN	22.8 kN

