



OECD approval number

2/2 115

Restricted Code

OECD approval date

17/03/2004

Make

Zetor

Model

7421 Proxima

Type

2 WD

12 speeds - 30 km/h

Manufacturer

Zetor a.s.

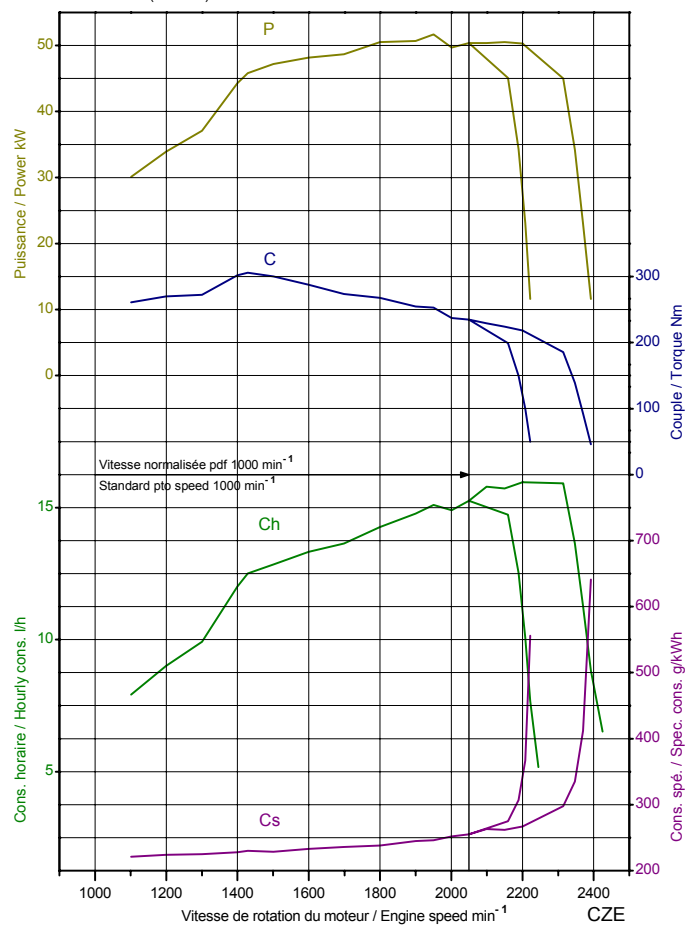
Testing station:

SZZPLS, Praha, Czech Republic

Zetor 7421 Proxima

2 RM/WD (30 km/h)

OCDE/OECD 2/2115



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	Zetor	1104
<i>Type, Supercharging</i>	Direct injection	Yes
<i>Cylinders, Disposition</i>	4	vertical in line
<i>Capacity, Cooling</i>	4156 cm ³	Liquid
<i>Gear box</i>		Mechanical synchronized
<i>Number of forward and reverse speeds</i>		12 12
<i>Speed at rated engine speed</i>		from 1.20 to 27.81 km/h
<u>Standard Power take-off speed</u>		<u>540 min⁻¹</u> <u>1000 min⁻¹</u>
<i>Power take-off speed at rated engine speed</i>		596 min ⁻¹ None
<i>Diameter of the shaft</i>		34.9 mm
<i>Number of splines</i>		6

Power take-off TestTwo hours test at maximum power

<i>Power, Engine and Power take-off speed</i>	51.7 kW	1950 min ⁻¹	951 min ⁻¹
<i>Hourly and specific consumption</i>		15.11 l/h	246 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	50.3 kW	2200 min ⁻¹	1073 min ⁻¹
<i>Hourly and specific consumption</i>		15.96 l/h	267 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	50.4 kW	2050 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		15.26 l/h	255 g/kWh

Torque rise

		40.2 %
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Maximum torque, Engine speed corresponding

306.1 Nm	1429 min ⁻¹
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Drawbar Test*Front tyres, Rear tyres*

7.50 - 16	16.9 R 30
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Test with tractor

<u>unballasted</u>	<u>ballasted</u>
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Total Mass

3130 kg

Maximum drawbar pull

21.5 kN

at speed of

6.09 km/h	Not required
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Maximum power

42.0 kW

at speed of

9.89 km/h	in Code 2
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Hydraulic Performance and Power Lift Test*Hydraulic system*

Opened centre

At maximum hydraulic power

<i>Flow rate, Pressure, Power</i>	54.7 l/min	17.2 MPa	15.7 kW
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Maximum lifting force

<i>at hitch points, at frame</i>		30.3 kN	20.3 kN
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