



OECD approval number

2/2 117

Restricted Code

OECD approval date

17/03/2004

Make

Zetor

Model

7441 Proxima

Type

4 WD

12 speeds - 40 km/h

Manufacturer

Zetor a.s.

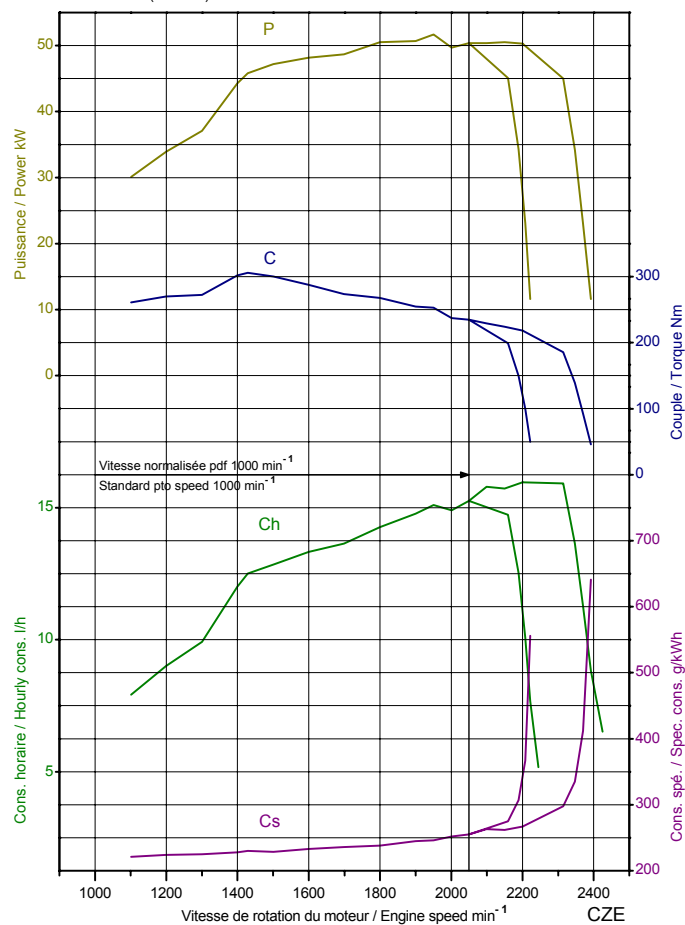
Testing station:

SZZPLS, Praha, Czech Republic

Zetor 7441 Proxima

4 RM/WD (40 km/h)

OCDE/OECD 2/2117



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 1.55 to 35.96 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*

	13.6 R 24	16.9 R 34
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Test with tractor

	<u>unballasted</u>	<u>ballasted</u>
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<i>Total Mass</i>	3630 kg	
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<i>Maximum drawbar pull</i>	31.8 kN	Not
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<i>at speed of</i>	2.61 km/h	required
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<i>Maximum power</i>	43.6 kW	in
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<i>at speed of</i>	6.56 km/h	Code 2
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Hydraulic Performance and Power Lift Test

<i>Hydraulic system</i>		Opened centre
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At maximum hydraulic power

<i>Flow rate, Pressure, Power</i>	46.0 l/min	17.2 MPa	13.2 kW
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Maximum lifting force

<i>at hitch points, at frame</i>		35.7 kN	25.8 k
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