



OECD approval number

2/2 116

Restricted Code

17/03/2004

OECD approval date

Make

Zetor

Model

7441 Proxima

Type

4 WD

10 speeds - 30 km/h

Manufacturer

Zetor a.s.

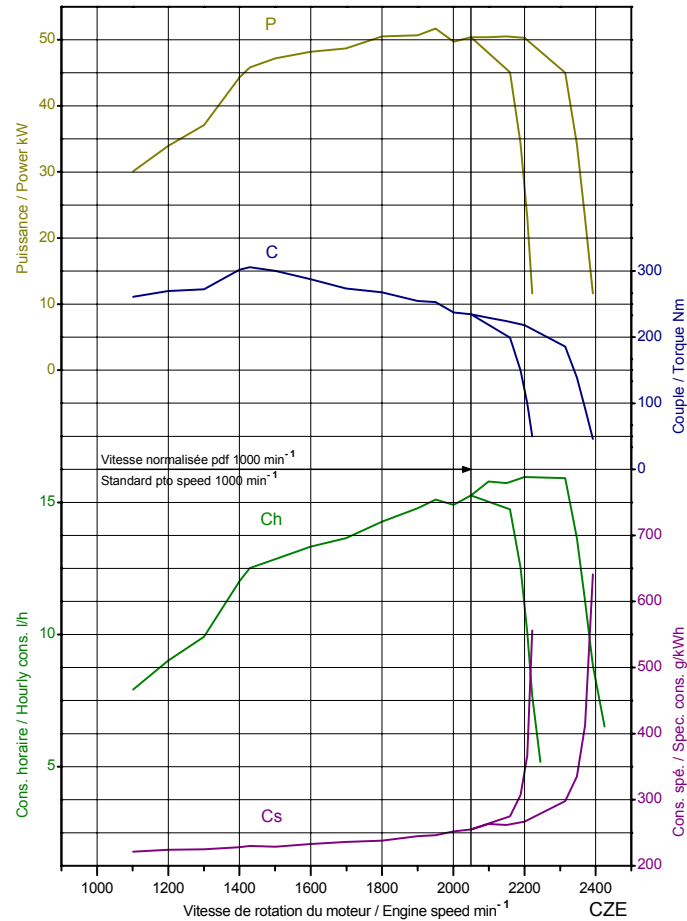
Testing station:

SZZPLS, Praha, Czech Republic

Zetor 7441 Proxima

4 RM/WD (30 km/h)

OCDE/OECD 2/2116



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
<i>Number of forward and reverse speeds</i>	10	2
<i>Speed at rated engine speed</i>	from 1.65	to 29.82 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	1073 min ⁻¹
<i>Diameter of the shaft</i>	34.9 mm	34.9 mm
<i>Number of splines</i>	6	21

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

<i>Maximum torque. Engine speed corresponding</i>		306.1 Nm	1429 min ⁻¹
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Drawbar Test

<i>Front tyres, Rear tyres</i>	13.6 R 24	16.9 R 34
<u>Test with tractor</u>	<u>unballasted</u>	<u>ballasted</u>
<i>Total Mass</i>	3655 kg	
<i>Maximum drawbar pull</i>	32.4 kN	Not
<i>at speed of</i>	3.05 km/h	required
<i>Maximum power</i>	44.3 kW	in
<i>at speed of</i>	7.90 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>	49.4 l/min	16.4 MPa	13.5 kW
<u>Maximum lifting force</u>			
<i>at hitch points, at frame</i>		28.8 kN	19.1 kN

