



OECD approval number

2/2 133

Restricted Code

OECD approval date

07/06/2004

Make

Zetor

Model

6441 Proxima

Type

4 WD

40 km/h

Manufacturer

Zetor a.s.

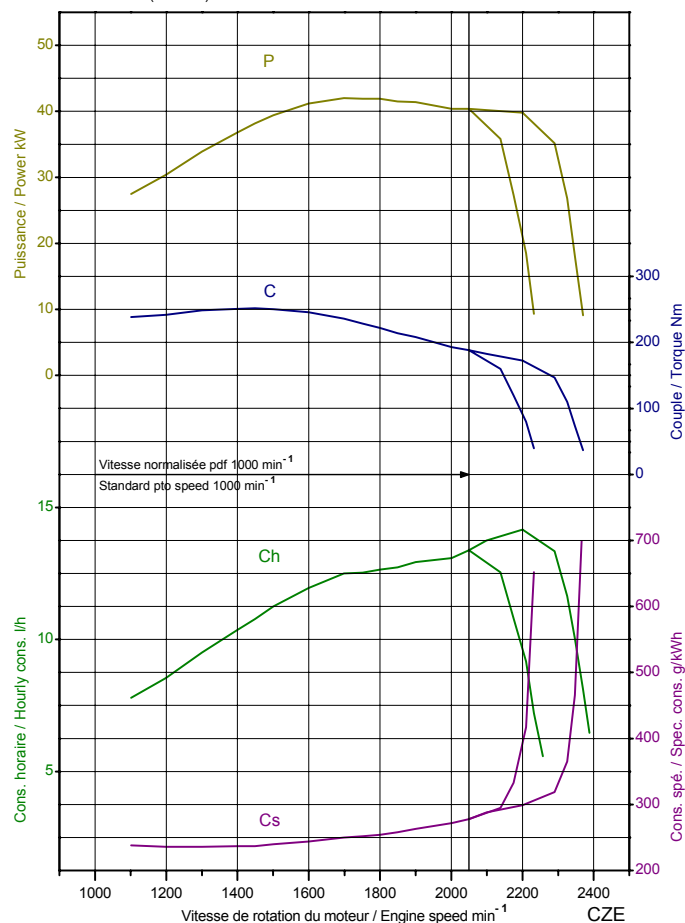
Testing station:

SZZPLS, Praha, Czech Republic

Zetor 6441 Proxima

4 RM/WD (40 km/h)

OCDE/OECD 2/2133



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	Zetor	7204
<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>	20	4
<i>Speed at rated engine speed</i>	from 1.51	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	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>	41.9 kW	1800 min ⁻¹	878 min ⁻¹
<i>Hourly and specific consumption</i>		12.65 l/h	254 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	39.8 kW	2200 min ⁻¹	1073 min ⁻¹
<i>Hourly and specific consumption</i>		14.16 l/h	299 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	40.4 kW	2050 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		13.38 l/h	278 g/kWh

Torque rise

45.7 %

Maximum torque, Engine speed corresponding251.7 Nm 1449 min⁻¹**Drawbar Test***Front tyres, Rear tyres*

13.6 R 24 16.9 R 34

Test with tractorunballasted ballasted*Total Mass*

3695 kg

Maximum drawbar pull

34.3 kN

*at speed of*2.53 km/h *Not required**Maximum power*

34.8 kW

*at speed of*6.18 km/h *in Code 2***Hydraulic Performance and Power Lift Test***Hydraulic system*

Opened centre

At maximum hydraulic power

<i>Flow rate, Pressure, Power</i>	45.8 l/min	17.6 MPa	13.4 kW
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Maximum lifting force

<i>at hitch points, at frame</i>		34.8 kN	22.7 kN
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