



OECD approval number

2/2 360

Restricted Code

OECD approval date

03/10/2006

Make

Zetor

Model

105 41 Proxima plus

Type

4 WD

40 km/h

Manufacturer

Zetor a.s.

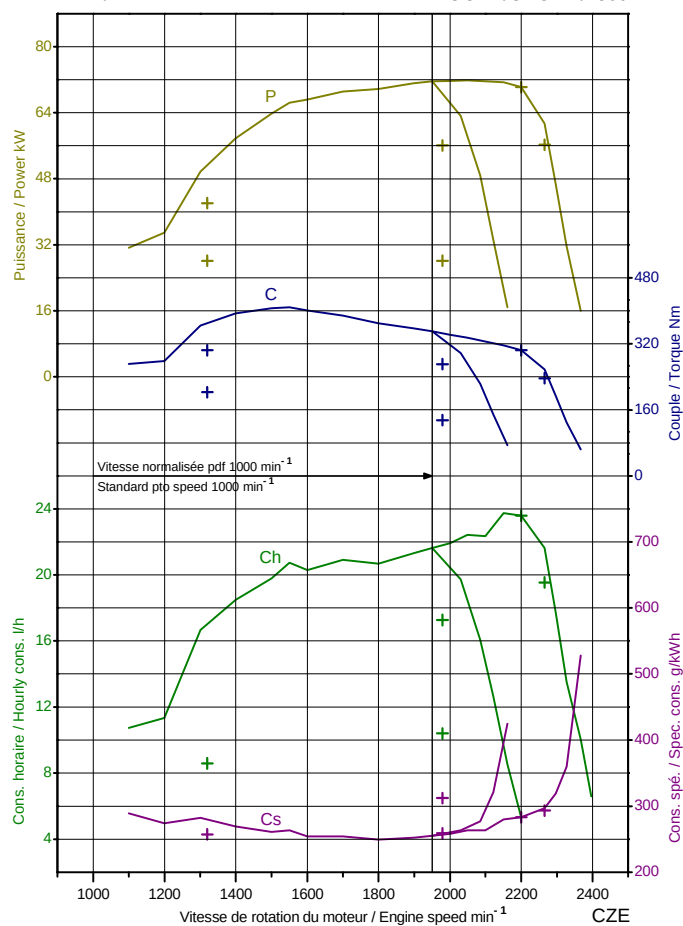
Testing station:

SZZPLS, Praha, Czech Republic

Zetor 105 41 Proxima plus

4 RM/WD

OCDE/OECD 2/2360



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	Zetor	1304
<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>	16	16
<i>Speed at rated engine speed</i>	from 2.03	to 35.96 km/h
<i>Standard Power take-off speed</i>	540 min ⁻¹	1000 min ⁻¹
<i>Power take-off speed at rated engine speed</i>	598 min ⁻¹	1128 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>	71.9 kW	2049 min ⁻¹	1051 min ⁻¹
<i>Hourly and specific consumption</i>		22.45 l/h	263 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	70.2 kW	2200 min ⁻¹	1128 min ⁻¹
<i>Hourly and specific consumption</i>		23.60 l/h	283 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	71.6 kW	1950 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		21.65 l/h	255 g/kWh

Torque rise

		34.3 %
<u>Maximum torque, Engine speed corresponding</u>	409.1 Nm	1550 min ⁻¹

Drawbar Test*Front tyres, Rear tyres*

340/85 R 24 420/85 R 34

Test with tractorunballasted ballasted*Total Mass*

4010 kg

Maximum drawbar pull

35.7 kN

Not

at speed of

4.25 km/h

required

Maximum power

57.7 kW

in

at speed of

7.11 km/h

Code 2

Hydraulic Performance and Power Lift Test*Hydraulic system*

Opened centre

At maximum hydraulic power*Flow rate, Pressure, Power*

49.8 l/min

16.2 MPa

13.4 kW

Maximum lifting force*at hitch points, at frame*

37.5 kN

24.3 kN

