



OECD approval number

2/2 034

Restricted Code

OECD approval date

14/01/2003

Make

Zetor

Model

117 41 Forterra

Type

4 WD

40 km/h

Manufacturer

Zetor a.s.

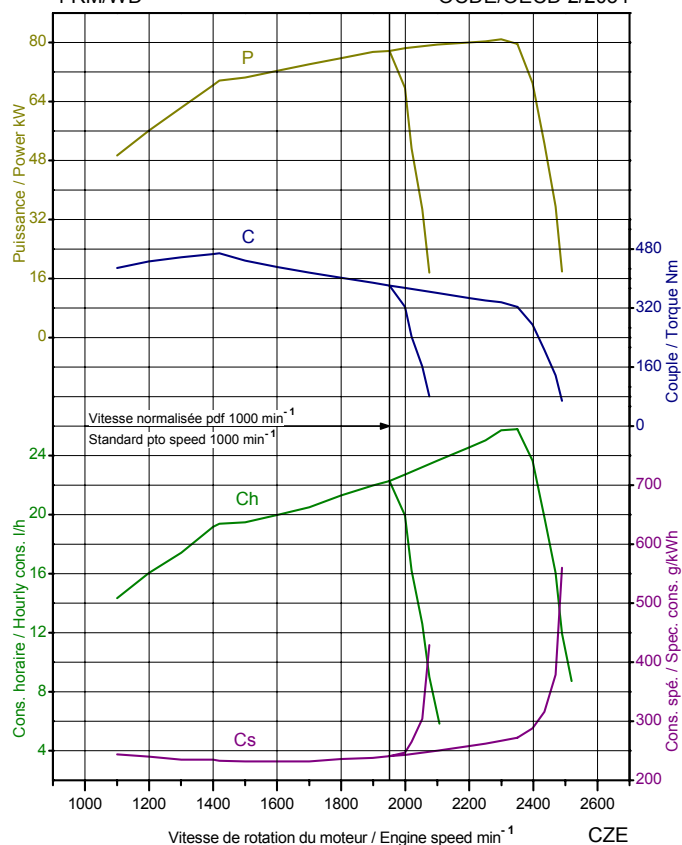
Testing station:

SZZPLS, Praha, Czech Republic

Zetor 11741 Forterra

4 RM/WD

OCDE/OECD 2/2034



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	Same Deutz-Fahr Group		1000.6WT1
<i>Type, Supercharging</i>	Direct injection		Yes
<i>Cylinders, Disposition</i>	6		vertical in line
<i>Capacity, Cooling</i>	6001 cm ³		Liquid
<i>Gear box</i>			Mechanical
<i>Number of forward and reverse speeds</i>	24		18
<i>Speed at rated engine speed</i>	from 2.04		to 37.84 km/h
<u>Standard Power take-off speed</u>	540 min ⁻¹		1000 min ⁻¹
<i>Power take-off speed at rated engine speed</i>	663 min ⁻¹		1205 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>	80.9 kW	2299 min ⁻¹	1179 min ⁻¹
<i>Hourly and specific consumption</i>		25.72 l/h	267 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	79.6 kW	2350 min ⁻¹	1205 min ⁻¹
<i>Hourly and specific consumption</i>		25.80 l/h	272 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	77.7 kW	1950 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		22.28 l/h	241 g/kWh

Torque rise

		44.9 %	
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<u>Maximum torque, Engine speed corresponding</u>	468.7 Nm	1420 min ⁻¹	
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Drawbar Test

<i>Front tyres, Rear tyres</i>	14.9 R 24	18.4 R 38
<u>Test with tractor</u>	<u>unballasted</u>	<u>ballasted</u>
<i>Total Mass</i>	4630 kg	
<i>Maximum drawbar pull</i>	43.0 kN	Not
<i>at speed of</i>	4.75 km/h	required
<i>Maximum power</i>	71.5 kW	in
<i>at speed of</i>	9.26 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>	38.9 l/min	17.0 MPa	11.0 kW
<u>Maximum lifting force</u>			
<i>at hitch points, at frame</i>		52.7 kN	42.2 kN

