



OECD approval number

2/2 012

Restricted Code

OECD approval date

24/10/2002

Make

Zetor

Model

11441 Forterra

Type

4 WD

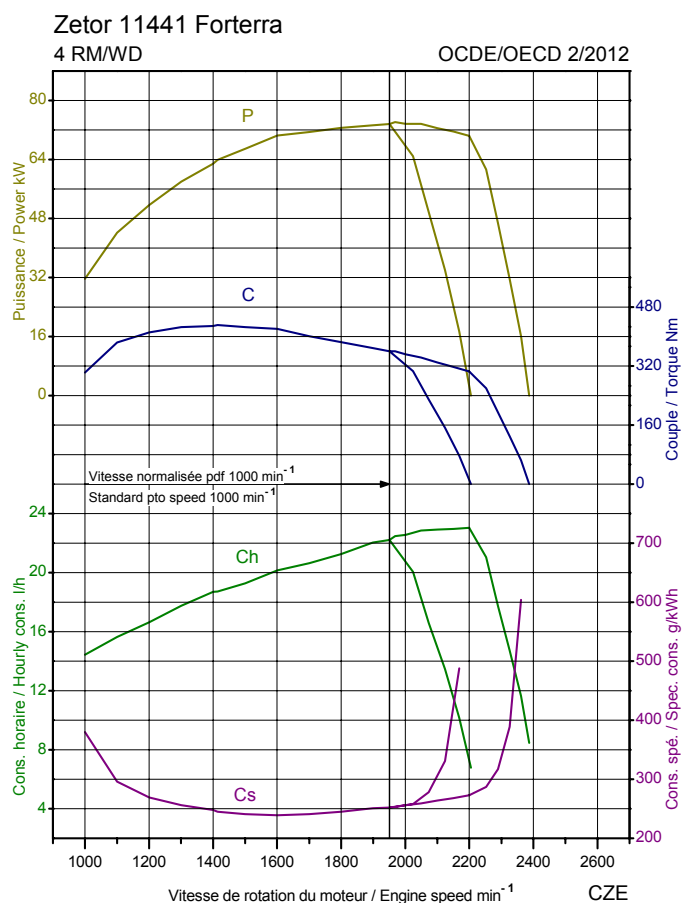
40 km/h

Manufacturer

Zetor a.s.

Testing station:

SZZPLS, Praha, Czech Republic



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	Zetor	1403
<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>	24	18
<i>Speed at rated engine speed</i>	from 2.05	to 37.95 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>	621 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>	74.2 kW	1968 min ⁻¹	1009 min ⁻¹
<i>Hourly and specific consumption</i>		22.48 l/h	253 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	70.4 kW	2200 min ⁻¹	1128 min ⁻¹
<i>Hourly and specific consumption</i>		23.04 l/h	273 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	73.6 kW	1950 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		22.22 l/h	252 g/kWh

Torque rise

41.2 %

Maximum torque, Engine speed corresponding431.5 Nm 1414 min⁻¹**Drawbar Test***Front tyres, Rear tyres*

420/70 R 24 520/70 R 38

Test with tractorunballasted ballasted*Total Mass*

4765 kg

Maximum drawbar pull

43.4 kN

Not

at speed of

4.20 km/h

required

Maximum power

62.7 kW

in

at speed of

11.69 km/h

Code 2

Power Lift and Hydraulic Performance Test*Hydraulic system*

Opened centre

Maximum lifting force at hitch points, at frame

49.8 kN

40.0 kN

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

60.0 l/min

16.2 MPa

16.2 kW