



OECD approval number

1 730

OECD approval date

Full Code
15/01/1998

Make

Zetor

Model

7321 Super turbo

Type

2 WD

30 km/h

Manufacturer

Zetor a.s.

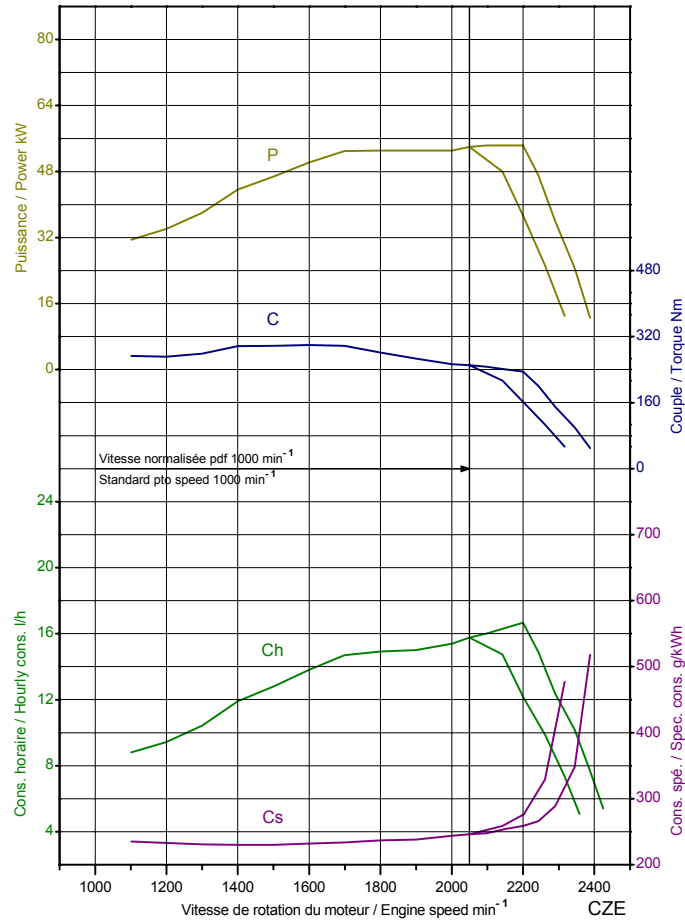
Testing station:

SZZPLS, Praha, Czech Republic

Zetor 7321 Super turbo

2 RM/WD

OCDE/OECD 1730 Code Complet/Full Code



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	Zetor	7302
<i>Type, Supercharging</i>	Direct injection	Yes
<i>Cylinders, Disposition</i>	4	vertical in line
<i>Capacity, Cooling</i>	3922 cm ³	Liquid
<i>Gear box</i>		Mechanical synchronized
<i>Number of forward and reverse speeds</i>	10	2
<i>Speed at rated engine speed</i>	from 1.64	to 29.82 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>	596 min ⁻¹	1073 min ⁻¹
<i>Diameter of the shaft</i>	34.9 mm	34.9 mm
<i>Number of splines</i>	6	6

Power take-off TestTwo hours test at maximum power

<i>Power, Engine and Power take-off speed</i>	54.3 kW	2200 min ⁻¹	1073 min ⁻¹
<i>Hourly and specific consumption</i>		16.67 l/h	259 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	54.3 kW	2200 min ⁻¹	1073 min ⁻¹
<i>Hourly and specific consumption</i>		16.67 l/h	259 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	54.0 kW	2050 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		15.77 l/h	246 g/kWh

Torque rise

27.2 %

Maximum torque, Engine speed corresponding299.8 Nm 1599 min⁻¹**Drawbar Test***Front tyres, Rear tyres*

7.50 - 20 16.9 - 34

Test with tractor

unballasted ballasted

Total Mass

3295 kg 4465 kg

Maximum drawbar pull

19.2 kN 24.4 kN

at speed of

6.77 km/h 5.56 km/h

Maximum power

42.0 kW 41.8 kW

at speed of

10.96 km/h 10.91 km/h

Hydraulic Performance and Power Lift Test*Hydraulic system*

Opened centre

At maximum hydraulic power

<i>Flow rate, Pressure, Power</i>	39.0 l/min	16.2 MPa	10.5 kW
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Maximum lifting force

<i>at hitch points, at frame</i>		27.5 kN	17.6 kN
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