



OECD approval number

1/1 672/1

OECD approval date

Full Code
29/06/2001

Make

Zetor

Model

7341 Super turbo

Type

4 WD

Emissions Compliant Engine - 5 x 2 Forward speeds
40 km/h

Manufacturer

Zetor a.s.

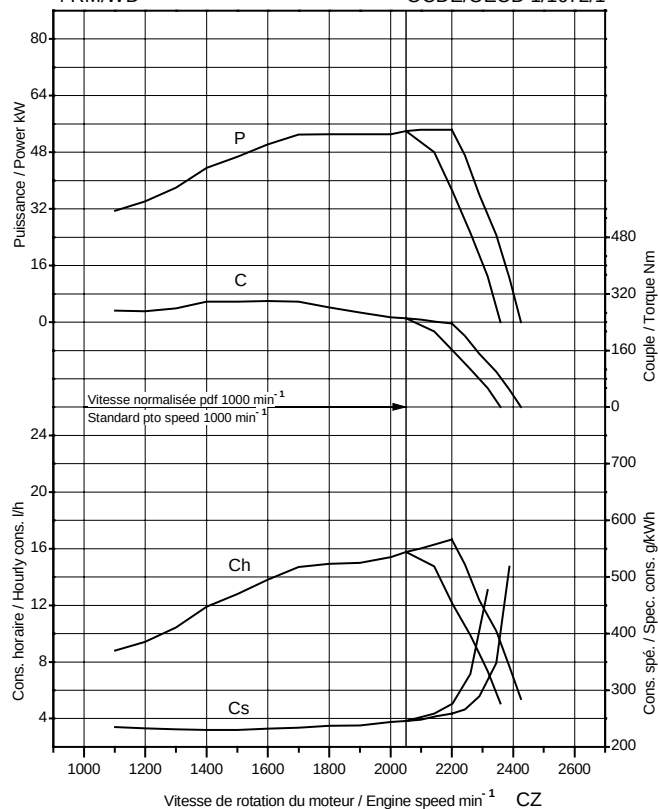
Testing station:

SZZPLS, Praha, Czech Republic

Zetor 7341 Super turbo (40 km/h)

4 RM/WD

OCDE/OECD 1/1672/1



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	Zetor	7303
<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 2.05	to 37.17 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>	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>	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 %
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Maximum torque, Engine speed corresponding

299.8 Nm	1599 min ⁻¹
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Drawbar Test*Front tyres, Rear tyres*

13.6 - 24	18.4 - 34
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Test with tractor

<u>unballasted</u>	<u>ballasted</u>
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Total Mass

3675 kg	5170 kg
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Maximum drawbar pull

33.1 kN	46.2 kN
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at speed of

3.31 km/h	2.51 km/h
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Maximum power

45.6 kW	45.1 kW
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at speed of

7.70 km/h	7.80 km/h
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Power Lift and Hydraulic Performance Test*Hydraulic system*

Opened centre

Maximum lifting force at hitch points, at frame

37.7 kN	24.7 kN
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At maximum hydraulic power

<i>Flow rate, Pressure, Power</i>	50.0 l/min	17.0 MPa	14.2 kW
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