



OECD approval number

1/1 684/1

OECD approval date

Full Code

29/06/2001

Make

Zetor

Model

7341 Super turbo

Type

4 WD

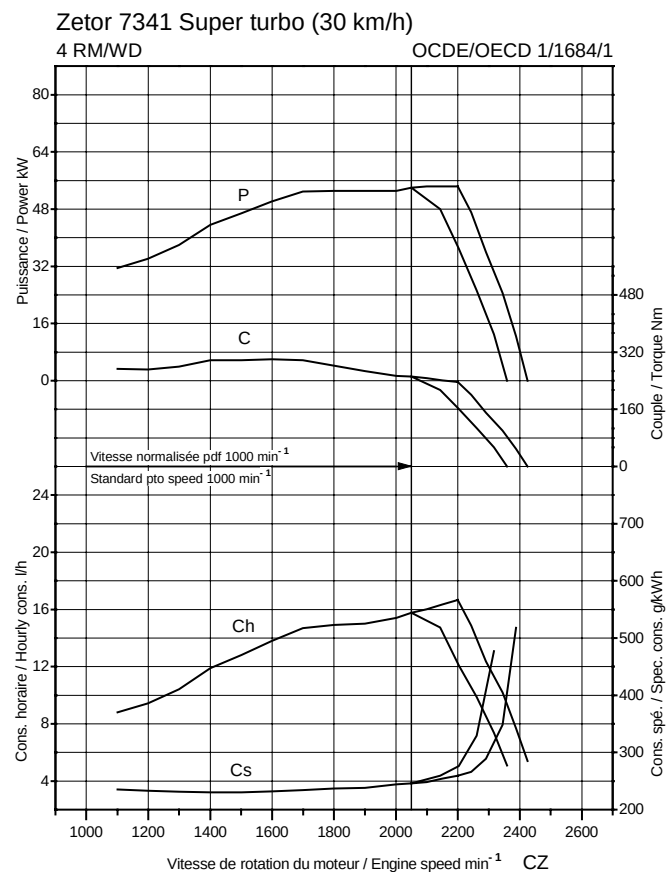
Emissions Compliant Engine - 5 x 2 speeds - 30 km/h

Manufacturer

Zetor a.s.

Testing station:

SZZPLS, Praha, Czech Republic



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	10
<i>Speed at rated engine speed</i>	from 1.70	to 30.82 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	None
<i>Diameter of the shaft</i>	34.9 mm	
<i>Number of splines</i>	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*

13.6 - 24 18.4 - 34

Test with tractorunballasted ballasted*Total Mass*

3620 kg 4970 kg

Maximum drawbar pull

33.4 kN 44.0 kN

at speed of

2.74 km/h 2.69 km/h

Maximum power

42.4 kW 41.0 kW

at speed of

8.92 km/h 6.47 km/h

Power Lift and Hydraulic Performance Test*Hydraulic system*

Opened centre

Maximum lifting force at hitch points, at frame

37.7 kN 24.7 kN

At maximum hydraulic power

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