



OECD approval number

2/1 831

Restricted Code

12/07/1999

OECD approval date

Make

Zetor

Model

11641 Forterra

Type

4 WD

30 km/h

Manufacturer

Zetor a.s.

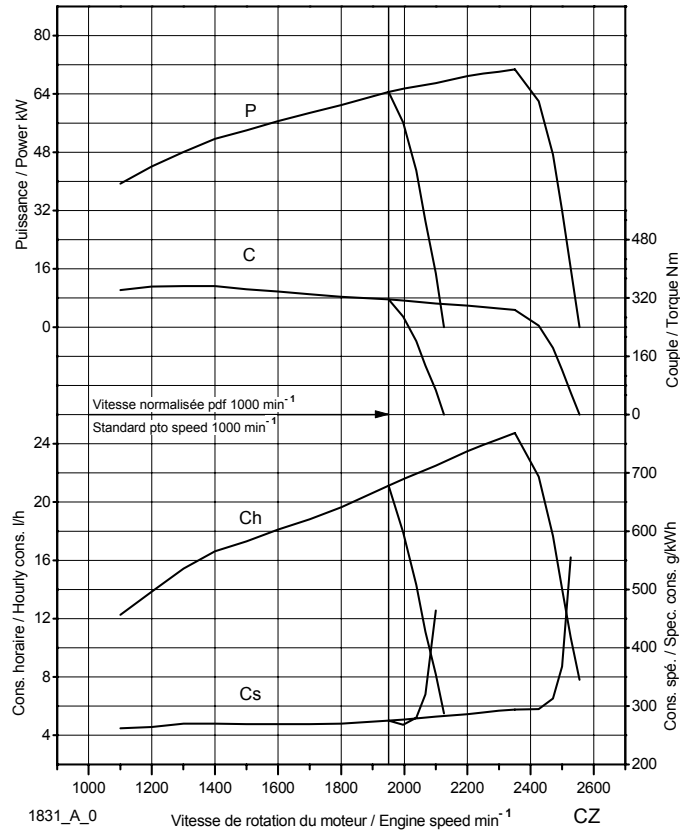
Testing station:

SZZPLS, Praha, Czech Republic

Zetor 11641 Forterra - 30 km/h

4 RM/WD

OCDE/OECD 2/1831



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	Same Deutz-Fahr Group		1000.6W2
<i>Type, Supercharging</i>	Direct injection		None
<i>Cylinders, Disposition</i>	6		vertical in line
<i>Capacity, Cooling</i>	6001 cm ³		Liquid
<i>Gear box</i>			Mechanical synchronized
<i>Number of forward and reverse speeds</i>			24 18
<i>Speed at rated engine speed</i>			from 1.59 to 29.37 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>			663 min ⁻¹ 1205 min ⁻¹
<i>Diameter of the shaft</i>			35 mm 35 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>	70.7 kW	2350 min ⁻¹	1205 min ⁻¹
<i>Hourly and specific consumption</i>		24.75 l/h	294 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	70.7 kW	2350 min ⁻¹	1205 min ⁻¹
<i>Hourly and specific consumption</i>		24.75 l/h	294 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	64.6 kW	1950 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		21.13 l/h	275 g/kWh

Torque rise

			22.9 %
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<u>Maximum torque, Engine speed corresponding</u>		353.1 Nm	1199 min ⁻¹
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Drawbar Test

<i>Front tyres, Rear tyres</i>	14.9 - 24	520/70 R 38
<u>Test with tractor</u>	<u>unballasted</u>	<u>ballasted</u>
<i>Total Mass</i>	4645 kg	
<i>Maximum drawbar pull</i>	45.1 kN	Not
<i>at speed of</i>	3.73 km/h	required
<i>Maximum power</i>	60.7 kW	in
<i>at speed of</i>	9.15 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>	60.0 l/min	17.2 MPa	17.2 kW
<u>Maximum lifting force</u>			
<i>at hitch points, at frame</i>		50.4 kN	36.7 kN

