



OECD approval number

2/1 739

Restricted Code

OECD approval date

09/03/1998

Make

Ursus

Model

6012

Type

2 WD

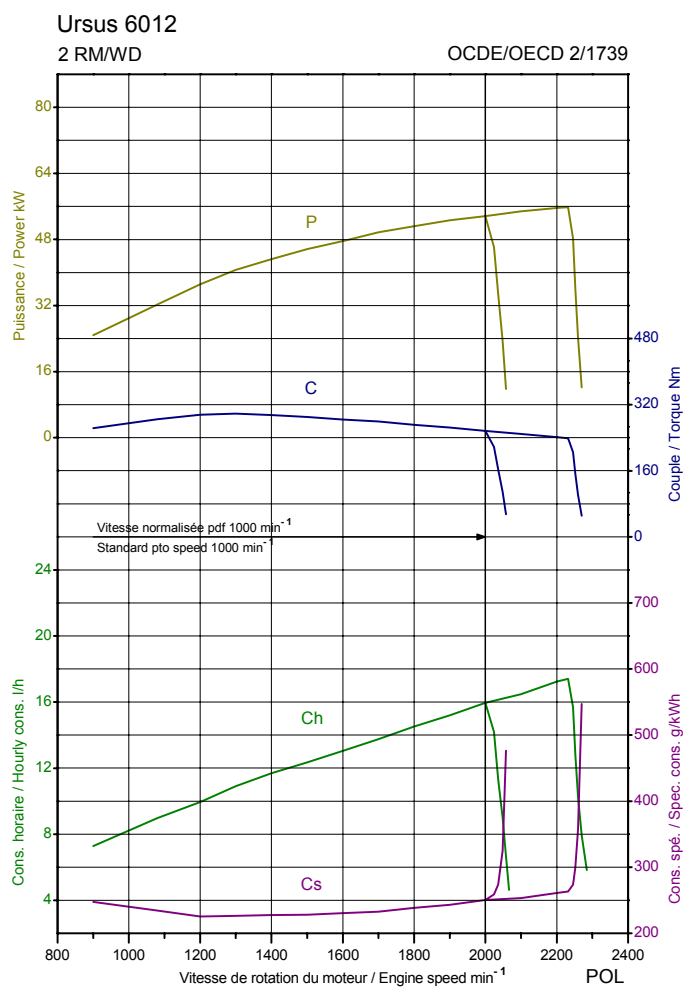
Manufacturer

Zakłady Przemysłu Ciągnikowego

"URSUS"

Testing station:

IBMER, Kludzienko, Poland



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	Ursus	T4390
<i>Type, Supercharging</i>	Direct injection	Yes
<i>Cylinders, Disposition</i>	4	in line
<i>Capacity, Cooling</i>	3865 cm ³	Liquid
<i>Gear box</i>		Mechanical
<i>Number of forward and reverse speeds</i>	8	2
<i>Speed at rated engine speed</i>	from 2.18	to 29.43 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>	596 min ⁻¹	2000 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>	55.8 kW	2232 min ⁻¹	1116 min ⁻¹
<i>Hourly and specific consumption</i>		17.42 l/h	263 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	55.7 kW	2200 min ⁻¹	1100 min ⁻¹
<i>Hourly and specific consumption</i>		17.24 l/h	261 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	53.7 kW	2000 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		15.95 l/h	250 g/kWh

Torque rise

23.6 %

Maximum torque, Engine speed corresponding298.4 Nm 1300 min⁻¹**Drawbar Test***Front tyres, Rear tyres*

7.50 - 20 16.9 R 34

Test with tractorunballasted ballasted*Total Mass*

3340 kg

Maximum drawbar pull

18.9 kN

*at speed of*7.74 km/h *Not required**Maximum power*

45.9 kW

*at speed of*12.20 km/h *in Code 2***Hydraulic Performance and Power Lift Test***Hydraulic system*

Opened centre

At maximum hydraulic power

<i>Flow rate, Pressure, Power</i>	53.9 l/min	18.0 MPa	16.2 kW
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Maximum lifting force

<i>at hitch points, at frame</i>		35.5 kN	24.5 kN
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