



OECD approval number

2/1 866

OECD approval date

Restricted Code

22/11/1999

Make

Ursus

Model

1734

Type

4 WD

Manufacturer

Zakłady Przemysłu Ciągnikowego "URSUS" S.A.

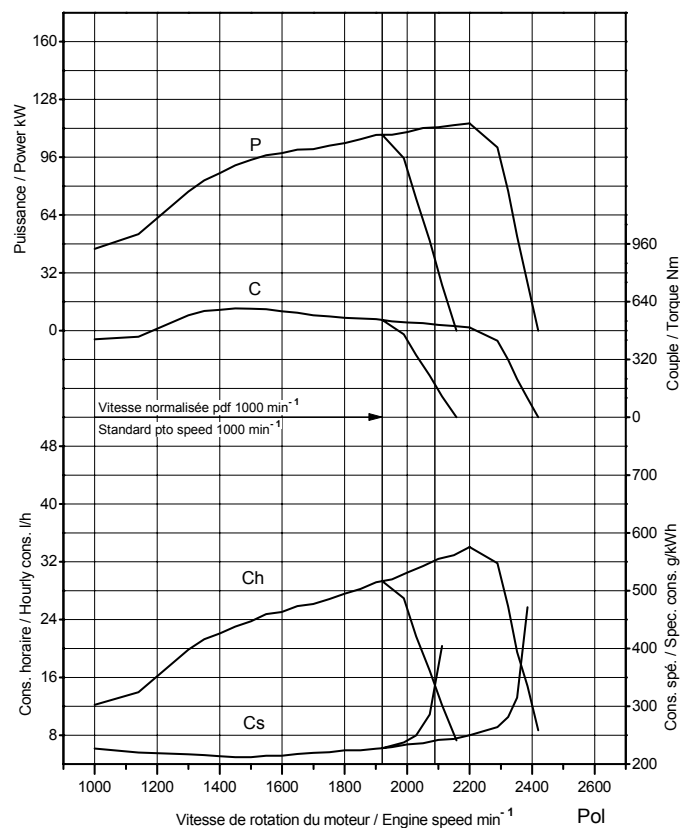
Testing station:

IBMER, Kludzienko, Poland

Ursus 1734

4 RM/WD

OCDE/OECD 2/1866



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	Martin Diesel	Z 8604.000
<i>Type, Supercharging</i>	Direct injection	Yes
<i>Cylinders, Disposition</i>	6	in line
<i>Capacity, Cooling</i>	7299 cm ³	Liquid
<i>Gear box</i>		Mechanical
<i>Number of forward and reverse speeds</i>	16	8
<i>Speed at rated engine speed</i>	from 2.21	to 32.67 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>	629 min ⁻¹	1146 min ⁻¹
<i>Diameter of the shaft</i>	35 mm	45 mm
<i>Number of splines</i>	6	20

Power take-off TestTwo hours test at maximum power

<i>Power, Engine and Power take-off speed</i>	114.7 kW	2200 min ⁻¹	1146 min ⁻¹
<i>Hourly and specific consumption</i>		34.05 l/h	250 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	114.7 kW	2200 min ⁻¹	1146 min ⁻¹
<i>Hourly and specific consumption</i>		34.05 l/h	250 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	108.5 kW	1920 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		29.33 l/h	228 g/kWh

Torque rise

21.1 %

Maximum torque, Engine speed corresponding603.1 Nm 1450 min⁻¹**Drawbar Test***Front tyres, Rear tyres*

14.9 - 28 20.8 R 38

Test with tractorunballasted ballasted*Total Mass*

5590 kg

Maximum drawbar pull

42.1 kN

Not

at speed of

7.65 km/h

required

Maximum power

99.9 kW

in

at speed of

15.06 km/h

Code 2

Hydraulic Performance and Power Lift Test*Hydraulic system*

Opened centre

At maximum hydraulic power*Flow rate, Pressure, Power*

51.2 l/min

17.5 MPa

14.9 kW

Maximum lifting force*at hitch points, at frame*

66.9 kN

45.3 kN

