



OECD approval number

1 734

OECD approval date

Full Code
26/01/1998

Make

Steyr

Model

M 948 a

Type

4 WD

9015.15 - 40 km/h

Manufacturer Case Steyr Landmaschinentechnik AG

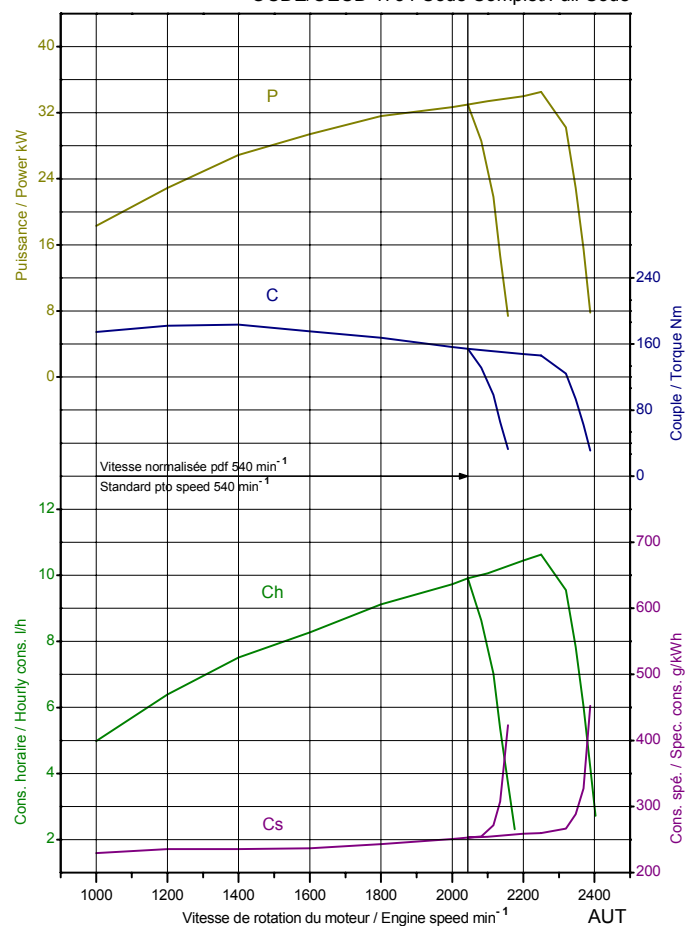
Testing station:

BLT, Wieselburg, Austria

Steyr M 948 a

4 RM/WD

OCDE/OECD 1734 Code Complet/Full Code



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	Perkins	903-27
<i>Type, Supercharging</i>	Direct injection	None
<i>Cylinders, Disposition</i>	3	vertical in line
<i>Capacity, Cooling</i>	2700 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 1.94	to 37.66 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>	594 min ⁻¹	1056 min ⁻¹
<i>Diameter of the shaft</i>	34.9 mm	34.9 mm
<i>Number of splines</i>	6	6

Power take-off TestTwo hours test at maximum power

<i>Power, Engine and Power take-off speed</i>	34.5 kW	2250 min ⁻¹	594 min ⁻¹
<i>Hourly and specific consumption</i>		10.63 l/h	260 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	34.5 kW	2250 min ⁻¹	594 min ⁻¹
<i>Hourly and specific consumption</i>		10.63 l/h	260 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	33.0 kW	2044 min ⁻¹	540 min ⁻¹
<i>Hourly and specific consumption</i>		9.91 l/h	253 g/kWh

Torque rise

<i>Maximum torque, Engine speed corresponding</i>		183.5 Nm	1400 min ⁻¹
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Drawbar Test

<i>Front tyres, Rear tyres</i>	10.5 - 20	14.9 R 28
<u>Test with tractor</u>	<u>unballasted</u>	<u>ballasted</u>
<i>Total Mass</i>	2780 kg	3810 kg
<i>Maximum drawbar pull</i>	26.5 kN	34.8 kN
<i>at speed of</i>	2.92 km/h	2.20 km/h
<i>Maximum power</i>	27.8 kW	29.2 kW
<i>at speed of</i>	6.08 km/h	6.19 km/h

Hydraulic Performance and Power Lift Test

<i>Hydraulic system</i>			Opened centre
<u>At maximum hydraulic power</u>			
<i>Flow rate, Pressure, Power</i>	25.3 l/min	17.0 MPa	7.2 kW
<u>Maximum lifting force</u>			
<i>at hitch points, at frame</i>		13.7 kN	8.5 kN

