



OECD approval number

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Full Code
24/08/1998

Make

Steyr

Model

9145 a

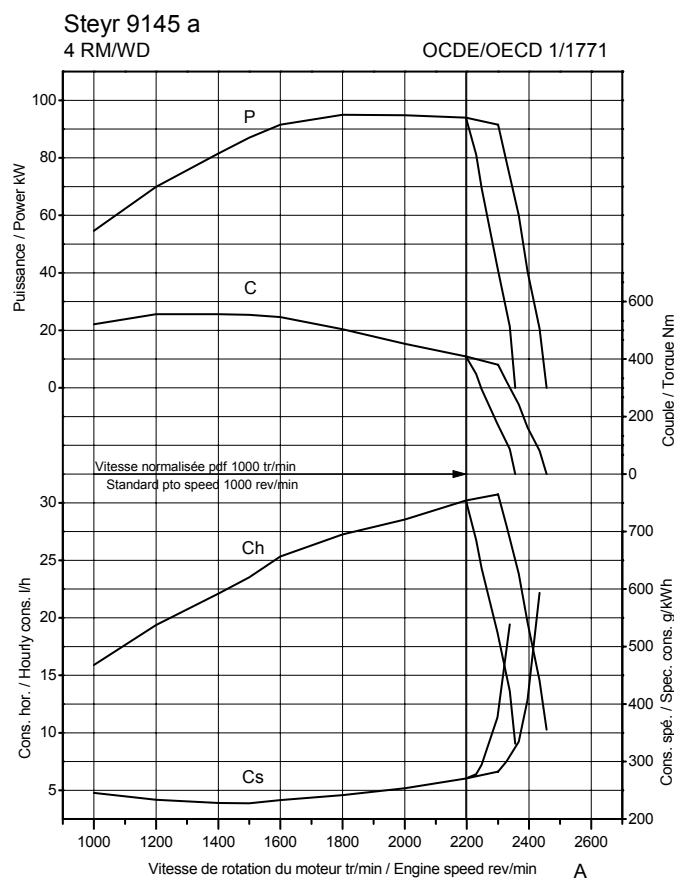
Type

4 WD

9080.75 - 40 km/h

Manufacturer Case Steyr Landmaschinentechnik AG

Testing station: BLT, Wieselburg, Austria



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	Steyr	620.83
<i>Type, Supercharging</i>	Direct injection	Yes
<i>Cylinders, Disposition</i>	6	vertical in line
<i>Capacity, Cooling</i>	6596 cm ³	Liquid
<i>Gear box</i>		Mechanical
<i>Number of forward and reverse speeds</i>	24	24
<i>Speed at rated engine speed</i>	from 2.78	to 39.28 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>	562 min ⁻¹	1046 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>	95.0 kW	1800 min ⁻¹	819 min ⁻¹
<i>Hourly and specific consumption</i>		27.24 l/h	242 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	91.5 kW	2300 min ⁻¹	1047 min ⁻¹
<i>Hourly and specific consumption</i>		30.72 l/h	283 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	94.0 kW	2197 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		30.19 l/h	271 g/kWh

Torque rise

46.4 %

Maximum torque, Engine speed corresponding556.3 Nm 1200 min⁻¹**Drawbar Test***Front tyres, Rear tyres*

16.9 R 28 20.8 R 38

Test with tractorunballasted ballasted*Total Mass*

6010 kg 8395 kg

Maximum drawbar pull

53.5 kN 79.9 kN

at speed of

2.52 km/h 2.48 km/h

Maximum power

75.7 kW 73.7 kW

at speed of

6.91 km/h 6.98 km/h

Hydraulic Performance and Power Lift Test*Hydraulic system*

Opened centre

At maximum hydraulic power

<i>Flow rate, Pressure, Power</i>	68.7 l/min	16.1 MPa	18.4 kW
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Maximum lifting force

<i>at hitch points, at frame</i>		67.2 kN	58.3 kN
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