



OECD approval number

2/1 945

Restricted Code

OECD approval date

08/02/2001

Make

Steyr

Model

9145

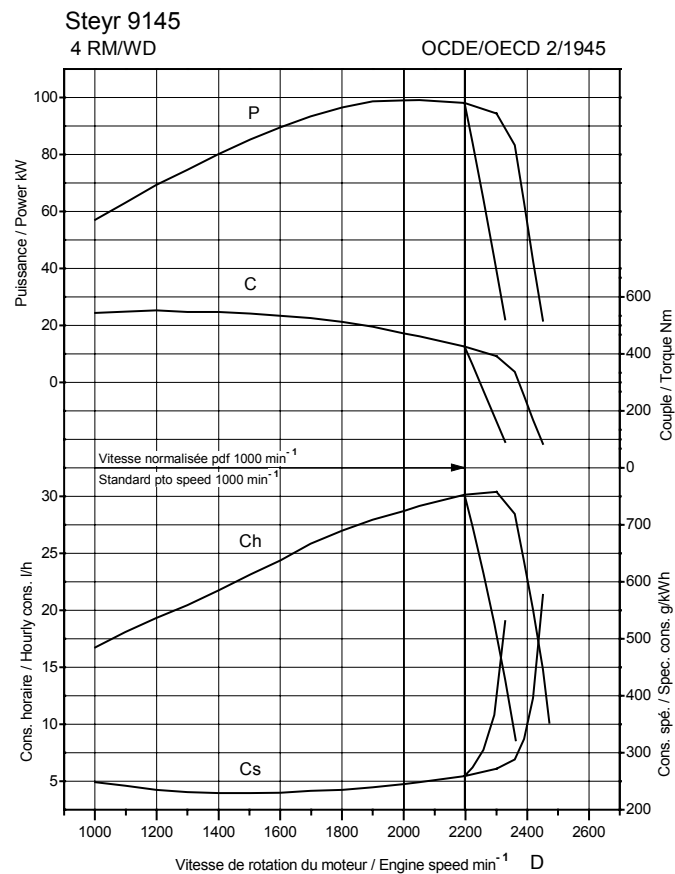
Type

4 WD

9145 a M2 - 9080.75 - 40 km/h

Manufacturer Case Steyr Landmaschinentechnik GmbH

Testing station: DLG, Gross-Umstadt, Germany



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	Steyr	620.93, TIER I
<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 powershift
<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 1047 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>	99.0 kW	2051 min ⁻¹	934 min ⁻¹
<i>Hourly and specific consumption</i>		29.14 l/h	248 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	94.3 kW	2300 min ⁻¹	1047 min ⁻¹
<i>Hourly and specific consumption</i>		30.41 l/h	272 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	98.0 kW	2197 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		30.12 l/h	259 g/kWh

Torque rise

		40.8 %
<u>Maximum torque, Engine speed corresponding</u>	552.0 Nm	1199 min ⁻¹

Drawbar Test

<i>Front tyres, Rear tyres</i>	540/65 - 28	650/65 - 38
<u>Test with tractor</u>	<u>unballasted</u>	<u>ballasted</u>
<i>Total Mass</i>	6380 kg	
<i>Maximum drawbar pull</i>	65.9 kN	Not
<i>at speed of</i>	4.36 km/h	required
<i>Maximum power</i>	90.6 kW	in
<i>at speed of</i>	10.20 km/h	Code 2

Power Lift and Hydraulic Performance Test

<i>Hydraulic system</i>		Closed centre
<i>Maximum lifting force at hitch points, at frame</i>	82.4 kN	67.5 kN
<u>At maximum hydraulic power</u>		
<i>Flow rate, Pressure, Power</i>	81.7 l/min	19.5 MPa 26.6 kW