



OECD approval number

1/1 812

OECD approval date

Full Code
12/03/1999

Make

Hürlimann

Model

XN 708

Type

4 WD

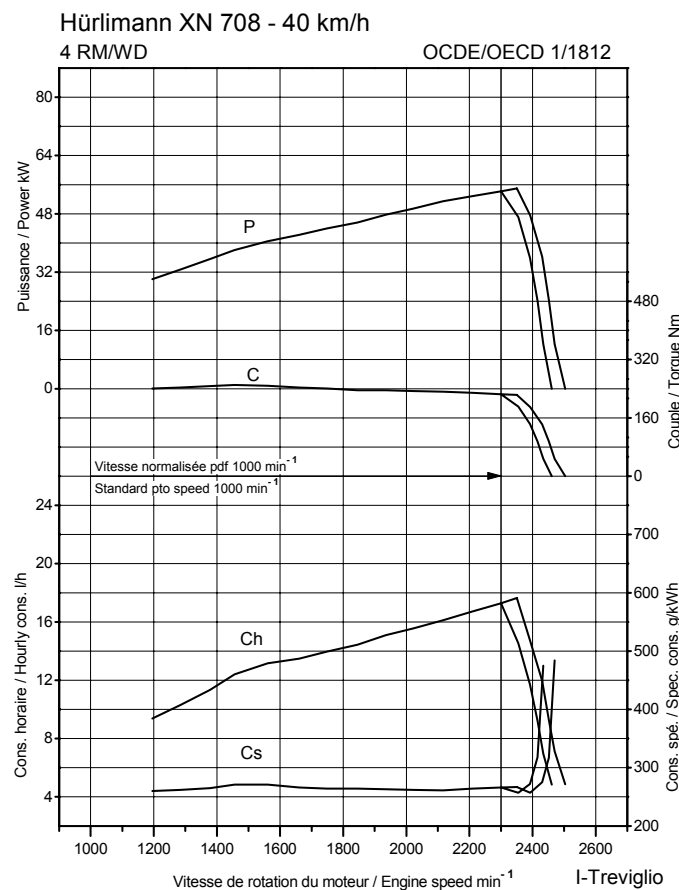
45 speeds - H10N804WVT - 40 km/h

Manufacturer

Same Deutz-Fahr Group S.p.A.

Testing station:

ISMA, Treviglio, Italy



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	Same Deutz-Fahr Group		1000.4W3
<i>Type, Supercharging</i>	Direct injection		None
<i>Cylinders, Disposition</i>	4		vertical in line
<i>Capacity, Cooling</i>	4000 cm ³		By water
<i>Gear box</i>			Mechanical synchronized
<i>Number of forward and reverse speeds</i>	45		45
<i>Speed at rated engine speed</i>	from 0.15		to 33.63 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>	611 min ⁻¹		1021 min ⁻¹
<i>Diameter of the shaft</i>	35 mm		35 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>	55.0 kW	2350 min ⁻¹	1022 min ⁻¹
<i>Hourly and specific consumption</i>		17.65 l/h	267 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	55.0 kW	2350 min ⁻¹	1022 min ⁻¹
<i>Hourly and specific consumption</i>		17.65 l/h	267 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	54.2 kW	2300 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		17.29 l/h	266 g/kWh

Torque rise

			11.9 %
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Maximum torque, Engine speed corresponding

250.1 Nm	1456 min ⁻¹
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Drawbar Test*Front tyres, Rear tyres*

240/70 R 16	380/70 R 20
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Test with tractor

<u>unballasted</u>	<u>ballasted</u>
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Total Mass

2520 kg	2755 kg
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Maximum drawbar pull

26.3 kN	31.3 kN
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at speed of

2.47 km/h	0.28 km/h
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Maximum power

47.3 kW	47.6 kW
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at speed of

14.65 km/h	10.43 km/h
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Hydraulic Performance and Power Lift Test*Hydraulic system*

Opened centre

At maximum hydraulic power

<i>Flow rate, Pressure, Power</i>	33.7 l/min	17.3 MPa	9.7 kW
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Maximum lifting force

<i>at hitch points, at frame</i>		18.7 kN	10.9 kN
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