



OECD approval number

1/1 828

OECD approval date

Full Code
18/06/1999

Make

Hurlimann

Model

XN 709

Type

4 WD

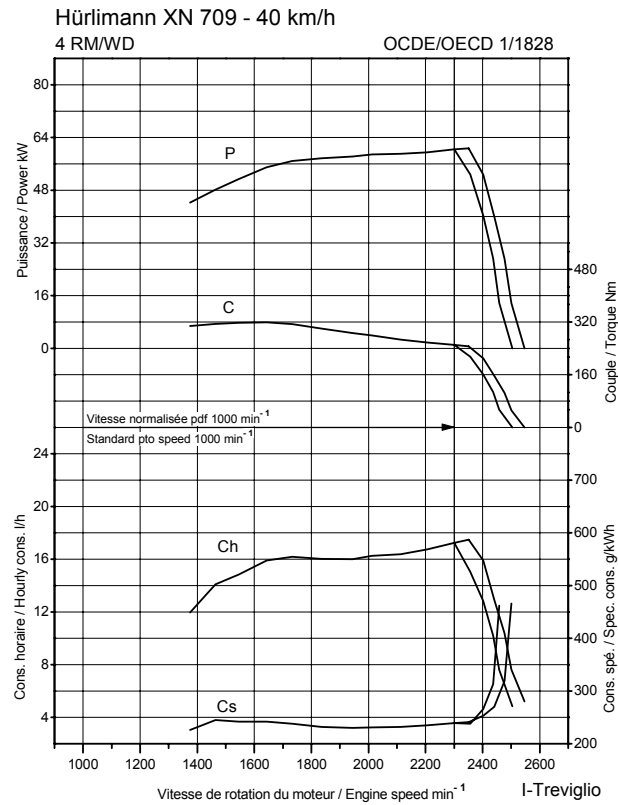
45 speeds - H10N874WVT - 40 km/h

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		1000.4 WT1
<i>Type, Supercharging</i>	Direct injection		Yes
<i>Cylinders, Disposition</i>	4		vertical in line
<i>Capacity, Cooling</i>	4000 cm ³		Liquid
<i>Gear box</i>			Mechanical synchronized
<i>Number of forward and reverse speeds</i>	45		45
<i>Speed at rated engine speed</i>	from 0.18 to 40.01 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		1022 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>	60.7 kW	2351 min ⁻¹	1022 min ⁻¹
<i>Hourly and specific consumption</i>		17.48 l/h	241 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	60.7 kW	2351 min ⁻¹	1022 min ⁻¹
<i>Hourly and specific consumption</i>		17.48 l/h	241 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	60.4 kW	2300 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		17.25 l/h	239 g/kWh

Torque rise

29.5 %

Maximum torque, Engine speed corresponding319.4 Nm 1643 min⁻¹**Drawbar Test***Front tyres, Rear tyres*

240/70 R 18 420/70 R 28

Test with tractorunballasted ballasted*Total Mass*

2740 kg 2975 kg

Maximum drawbar pull

25.4 kN 29.3 kN

at speed of

0.48 km/h 0.23 km/h

Maximum power

53.7 kW 55.5 kW

at speed of

9.96 km/h 12.18 km/h

Hydraulic Performance and Power Lift Test*Hydraulic system*

Opened centre

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

34.9 l/min 15.8 MPa 9.2 kW

Maximum lifting force*at hitch points, at frame*

15.5 kN 11.9 kN