



OECD approval number

1/1 814

OECD approval date

Full Code
30/03/1999

Make

Hürlimann

Model

XN 706

Type

4 WD

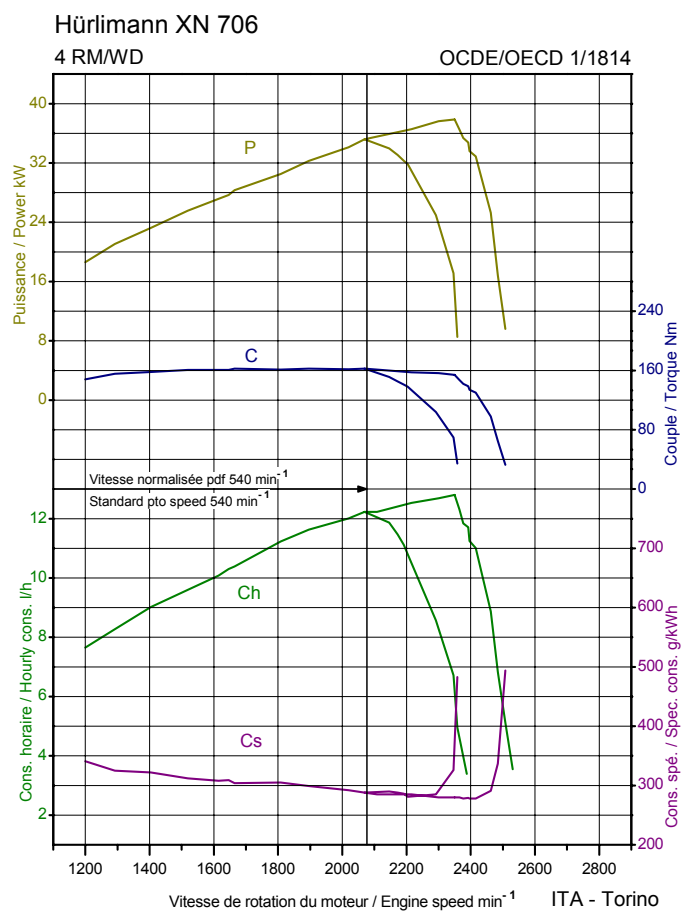
H10N603WVT - 40 km/h

Manufacturer

Same Deutz-Fahr Group S.p.A.

Testing station:

IMA, Torino, Italy



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	Same Deutz-Fahr Group		1000.3 W1
<i>Type, Supercharging</i>	Direct injection		None
<i>Cylinders, Disposition</i>	3		vertical in line
<i>Capacity, Cooling</i>	3000 cm ³		By water
<i>Gear box</i>			Mechanical synchronized
<i>Number of forward and reverse speeds</i>	30		15
<i>Speed at rated engine speed</i>	from 0.19		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		None
<i>Diameter of the shaft</i>	35 mm		
<i>Number of splines</i>	6		

Power take-off TestTwo hours test at maximum power

<i>Power, Engine and Power take-off speed</i>	37.9 kW	2350 min ⁻¹	611 min ⁻¹
<i>Hourly and specific consumption</i>		12.80 l/h	280 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	37.9 kW	2350 min ⁻¹	611 min ⁻¹
<i>Hourly and specific consumption</i>		12.80 l/h	280 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	35.2 kW	2069 min ⁻¹	538 min ⁻¹
<i>Hourly and specific consumption</i>		12.23 l/h	288 g/kWh

Torque rise

			5.6 %
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Maximum torque, Engine speed corresponding

162.5 Nm	1665 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

2350 kg	2600 kg
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Maximum drawbar pull

21.5 kN	24.0 kN
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at speed of

3.02 km/h	0.49 km/h
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Maximum power

27.9 kW	30.1 kW
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at speed of

7.41 km/h	7.37 km/h
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Hydraulic Performance and Power Lift Test*Hydraulic system*

Opened centre

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

34.0 l/min	16.2 MPa	9.2 kW
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Maximum lifting force*at hitch points, at frame*

18.9 kN	13.0 kN
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