



OECD approval number

1/1 784

OECD approval date

Full Code
30/09/1998

Make

Hurlimann

Model

XA 606 VDT

Type

4 WD

H10S603WVT - speeds - 40 km/h

Manufacturer

Same Deutz-Fahr Group S.p.A.

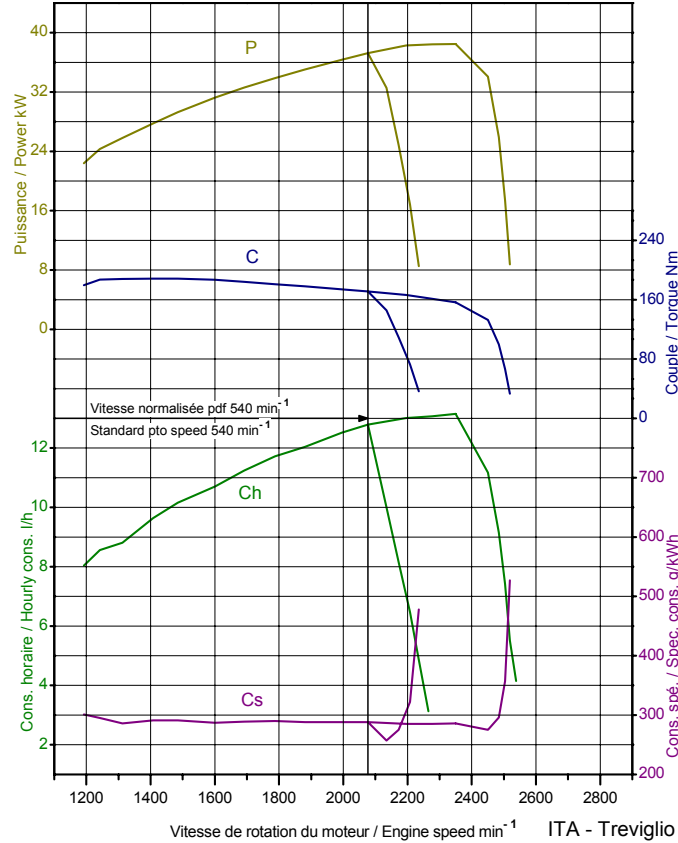
Testing station:

ISMA, Treviglio, Italy

Hurlimann XA 606 VDT

4 RM/WD

OCDE/OECD 1/1784



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	Same Deutz-Fahr Group		1000.3W1
<i>Type, Supercharging</i>	Direct injection		None
<i>Cylinders, Disposition</i>	3		vertical in line
<i>Capacity, Cooling</i>	3000 cm ³		Liquid
<i>Gear box</i>			Mechanical
<i>Number of forward and reverse speeds</i>	45		45
<i>Speed at rated engine speed</i>	from 0.19 to 39.02 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>	38.5 kW	2350 min ⁻¹	611 min ⁻¹
<i>Hourly and specific consumption</i>		13.15 l/h	286 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	38.5 kW	2350 min ⁻¹	611 min ⁻¹
<i>Hourly and specific consumption</i>		13.15 l/h	286 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	37.3 kW	2077 min ⁻¹	540 min ⁻¹
<i>Hourly and specific consumption</i>		12.79 l/h	288 g/kWh

Torque rise

<i>Maximum torque, Engine speed corresponding</i>		188.6 Nm	1408 min ⁻¹
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Drawbar Test

<i>Front tyres, Rear tyres</i>	360/70 R 20	420/70 R 30
<u>Test with tractor</u>	<u>unballasted</u>	<u>ballasted</u>
<i>Total Mass</i>	2990 kg	3395 kg
<i>Maximum drawbar pull</i>	26.3 kN	31.4 kN
<i>at speed of</i>	0.53 km/h	0.26 km/h
<i>Maximum power</i>	34.8 kW	35.3 kW
<i>at speed of</i>	7.65 km/h	7.74 km/h

Hydraulic Performance and Power Lift Test

<i>Hydraulic system</i>	Opened centre		
<u>At maximum hydraulic power</u>			
<i>Flow rate, Pressure, Power</i>	42.0 l/min	14.2 MPa	9.9 kW
<u>Maximum lifting force</u>			
<i>at hitch points, at frame</i>		13.0 kN	14.6 kN