



OECD approval number

2/1 879

Restricted Code

OECD approval date

21/01/2000

Make

Goldoni

Model

3070 Star V

Type

4 WD

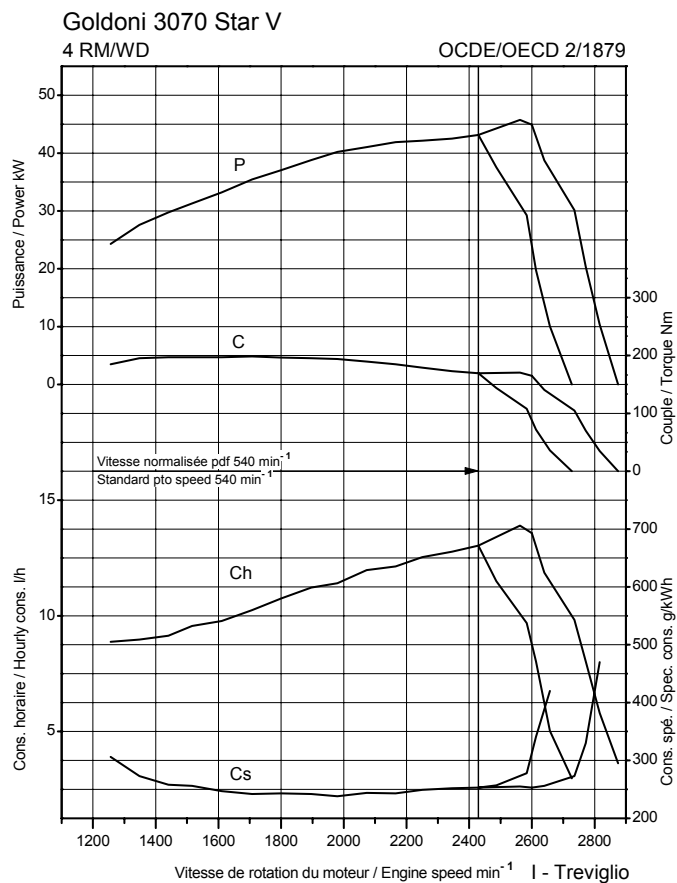
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Manufacturer

Goldoni S.p.A.

Testing station:

ISMA, Treviglio, Italy



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	VM Motori	29B/8
<i>Type, Supercharging</i>	Direct injection	Yes
<i>Cylinders, Disposition</i>	3	vertical in line
<i>Capacity, Cooling</i>	2082 cm ³	By water
<i>Gear box</i>		Mechanical
<i>Number of forward and reverse speeds</i>	16	8
<i>Speed at rated engine speed</i>	from 0.99	to 29.26 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>	578 min ⁻¹	1257 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>	45.8 kW	2562 min ⁻¹	569 min ⁻¹
<i>Hourly and specific consumption</i>		13.90 l/h	255 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	44.9 kW	2600 min ⁻¹	578 min ⁻¹
<i>Hourly and specific consumption</i>		13.58 l/h	253 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	43.2 kW	2429 min ⁻¹	540 min ⁻¹
<i>Hourly and specific consumption</i>		13.04 l/h	253 g/kWh

Torque rise

<i>Maximum torque, Engine speed corresponding</i>		198.4 Nm	1707 min ⁻¹
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Drawbar Test

<i>Front tyres, Rear tyres</i>	7.00 - 12	12.4 - 20
<u>Test with tractor</u>	<u>unballasted</u>	<u>ballasted</u>
<i>Total Mass</i>	1720 kg	
<i>Maximum drawbar pull</i>	15.1 kN	Not
<i>at speed of</i>	3.65 km/h	required
<i>Maximum power</i>	38.8 kW	in
<i>at speed of</i>	15.08 km/h	Code 2

Power Lift and Hydraulic Performance Test

<i>Hydraulic system</i>		Opened centre
<i>Maximum lifting force at hitch points, at frame</i>	10.8 kN	7.5 kN
<u>At maximum hydraulic power</u>		
<i>Flow rate, Pressure, Power</i>	27.5 l/min	18.0 MPa 8.3 kW