



OECD approval number

2/1 879

Restricted Code

OECD approval date

21/01/2000

Make

John Deere

Model

2070 V

Type

4 WD

FH2070

Manufacturer

Goldoni S.p.A.

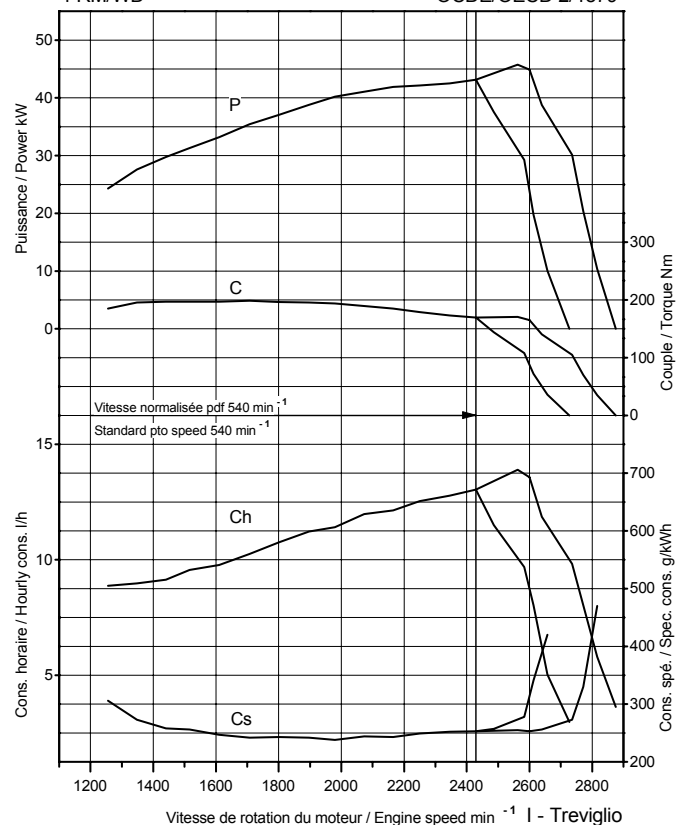
Testing station:

ISMA, Treviglio, Italy

John Deere 2070 V

4 RM/WD

OCDE/OECD 2/1879



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

		20.2 %	
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Maximum torque, Engine speed corresponding

198.4 Nm	1707 min ⁻¹
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Drawbar Test*Front tyres, Rear tyres*

7.00 - 12	12.4 - 20
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Test with tractor

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

1720 kg

Maximum drawbar pull

15.1 kN

at speed of

3.65 km/h	<i>Not required</i>
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Maximum power

38.8 kW

at speed of

15.08 km/h	<i>in Code 2</i>
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Power Lift and Hydraulic Performance Test*Hydraulic system*

Opened centre

Maximum lifting force at hitch points, at frame

10.8 kN

7.5 kN

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

27.5 l/min

18.0 MPa

8.3 kW