



OECD approval number

1/1 928

OECD approval date

Full Code
06/10/00

Make

Daedong

Model

L3503-D

Type

4 WD

Manufacturer

Daedong Industry Co., Ltd

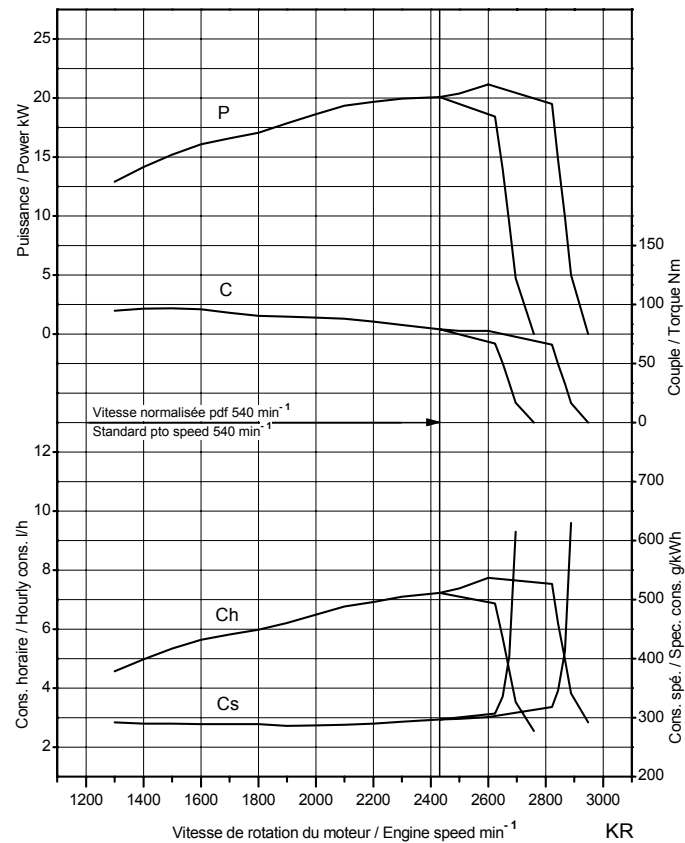
Testing station:

NAMRI, Suwon, Korea

Daedong L3503-D

4 RM/WD

OCDE/OECD 1/1928



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	Daedong	TD1700B
<i>Type, Supercharging</i>	Indirect injection	None
<i>Cylinders, Disposition</i>	4	vertical in line
<i>Capacity, Cooling</i>	1732 cm ³	By water
<i>Gear box</i>		Mechanical
<i>Number of forward and reverse speeds</i>	8	8
<i>Speed at rated engine speed</i>	from 1.67	to 17.08 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	1000 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>	21.2 kW	2600 min ⁻¹	578 min ⁻¹
<i>Hourly and specific consumption</i>		7.74 l/h	301 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	21.2 kW	2600 min ⁻¹	578 min ⁻¹
<i>Hourly and specific consumption</i>		7.74 l/h	301 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	20.1 kW	2431 min ⁻¹	540 min ⁻¹
<i>Hourly and specific consumption</i>		7.23 l/h	297 g/kWh

Torque rise

		24.5 %
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Maximum torque, Engine speed corresponding

	96.8 Nm	1500 min ⁻¹
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Drawbar Test*Front tyres, Rear tyres*

	8 - 16	13.6 - 24
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Test with tractor

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

	1499 kg	1621 kg
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Maximum drawbar pull

	10.3 kN	11.2 kN
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at speed of

	1.68 km/h	1.66 km/h
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Maximum power

	17.2 kW	17.2 kW
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at speed of

	7.84 km/h	7.90 km/h
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Power Lift and Hydraulic Performance Test*Hydraulic system*

		Opened centre
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<i>Maximum lifting force at hitch points, at frame</i>	10.4 kN	7.9 kN
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At maximum hydraulic power

<i>Flow rate, Pressure, Power</i>	30.5 l/min	11.6 MPa	5.9 kW
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