



OECD approval number

1/1 926

OECD approval date

Full Code

06/10/00

Make

Daedong

Model

LK3054

Type

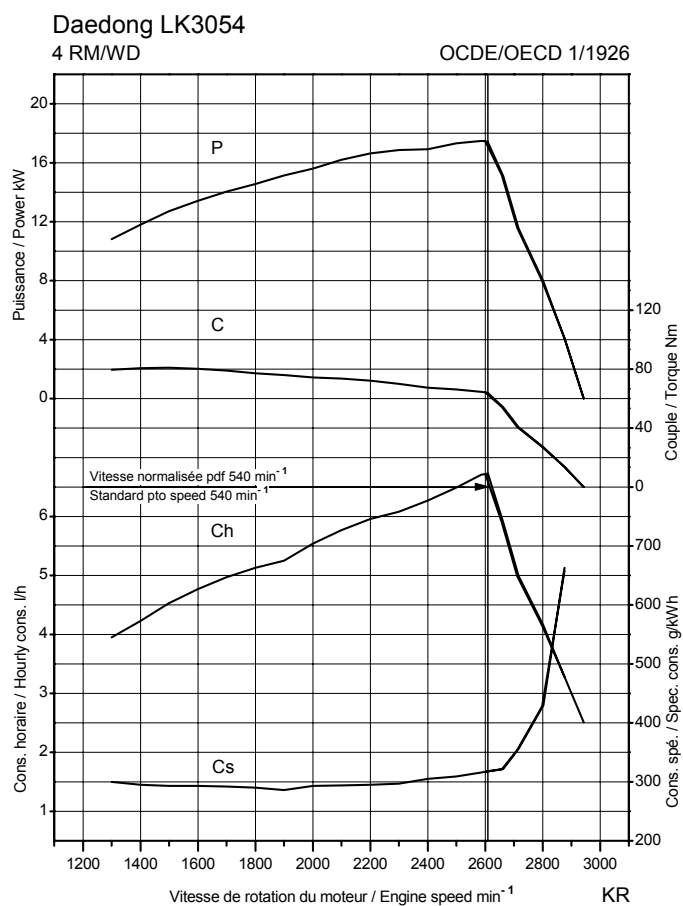
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Manufacturer

Daedong Industry Co., Ltd

Testing station:

NAMRI, Suwon, Korea



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	Daedong	TD1400B
<i>Type, Supercharging</i>	Indirect injection	None
<i>Cylinders, Disposition</i>	3	vertical in line
<i>Capacity, Cooling</i>	1395 cm ³	By water
<i>Gear box</i>		Mechanical
<i>Number of forward and reverse speeds</i>		8
<i>Speed at rated engine speed</i>	from 1.31	to 18.78 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>	538 min ⁻¹	991 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>	17.5 kW	2587 min ⁻¹	535 min ⁻¹
<i>Hourly and specific consumption</i>		6.71 l/h	316 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	17.5 kW	2600 min ⁻¹	538 min ⁻¹
<i>Hourly and specific consumption</i>		6.72 l/h	317 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	17.4 kW	2610 min ⁻¹	540 min ⁻¹
<i>Hourly and specific consumption</i>		6.73 l/h	318 g/kWh

Torque rise

<i>Maximum torque, Engine speed corresponding</i>		81.0 Nm	1500 min ⁻¹
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Drawbar Test*Front tyres, Rear tyres*

<u>Test with tractor</u>	7 - 14	11.2 - 24
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Total Mass

	unballasted	ballasted
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Maximum drawbar pull

	1148 kg	1220 kg
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at speed of

	7.4 kN	8.0 kN
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Maximum power

	2.57 km/h	2.56 km/h
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at speed of

	13.5 kW	13.4 kW
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	8.01 km/h	8.07 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>	7.2 kN	5.8 kN
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<u>At maximum hydraulic power</u>		
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<i>Flow rate, Pressure, Power</i>	22.2 l/min	9.7 MPa	3.6 kW
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