



OECD approval number

1/1 875

OECD approval date

Full Code

11/01/00

Make

LG

Model

LT300D

Type

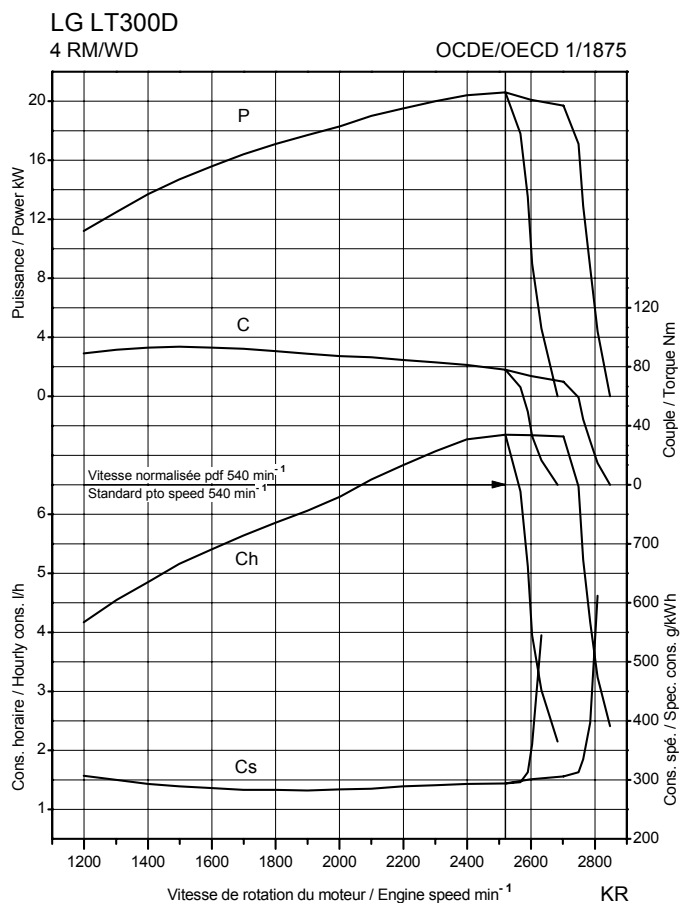
4 WD

Manufacturer

LG Cable & Machinery Ltd.

Testing station:

NAMRI, Suwon, Korea



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	Mitsubishi Heavy Industries	S4L
<i>Type, Supercharging</i>	Indirect injection	None
<i>Cylinders, Disposition</i>	4	vertical in line
<i>Capacity, Cooling</i>	1500 cm ³	By water
<i>Gear box</i>		Mechanical
<i>Number of forward and reverse speeds</i>	12	12
<i>Speed at rated engine speed</i>	from 0.69	to 20.11 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>	579 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>	20.6 kW	2520 min ⁻¹	540 min ⁻¹
<i>Hourly and specific consumption</i>		7.35 l/h	294 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	19.7 kW	2702 min ⁻¹	579 min ⁻¹
<i>Hourly and specific consumption</i>		7.32 l/h	306 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	20.6 kW	2520 min ⁻¹	540 min ⁻¹
<i>Hourly and specific consumption</i>		7.35 l/h	294 g/kWh

Torque rise

		34.1 %
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<u>Maximum torque, Engine speed corresponding</u>	93.6 Nm	1498 min ⁻¹
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Drawbar Test*Front tyres, Rear tyres*

	7 - 16	11.2 - 24
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<u>Test with tractor</u>	<u>unballasted</u>	<u>ballasted</u>
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<i>Total Mass</i>	1379 kg	1536 kg
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<i>Maximum drawbar pull</i>	9.9 kN	11.1 kN
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<i>at speed of</i>	2.90 km/h	2.08 km/h
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<i>Maximum power</i>	16.7 kW	16.2 kW
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<i>at speed of</i>	9.62 km/h	6.66 km/h
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Power Lift and Hydraulic Performance Test*Hydraulic system*

	10.7 kN	Opened centre	8.9 kN
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Maximum lifting force at hitch points, at frame

<u>At maximum hydraulic power</u>			
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<i>Flow rate, Pressure, Power</i>	23.8 l/min	11.8 MPa	4.7 kW
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