



OECD approval number

1/1 746

OECD approval date

Full Code
03/04/1998

Make

LG

Model

LT530D

Type

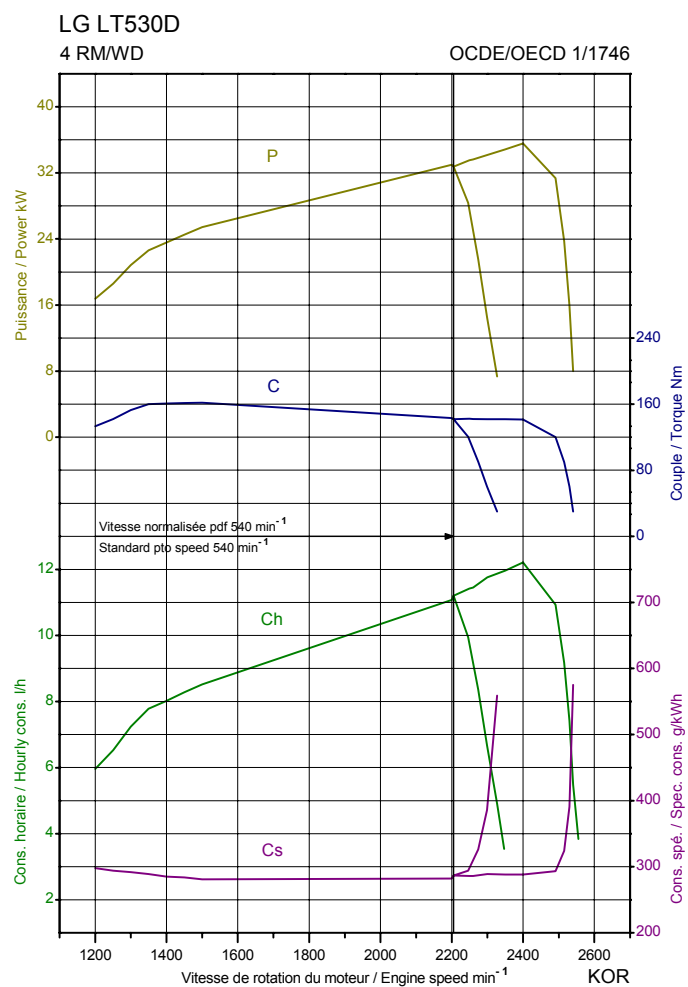
4 WD

Manufacturer

LG Cable & Machinery Ltd.

Testing station:

NAMRI, Suwon, Korea



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	Mitsubishi Heavy Industries	S4S
<i>Type, Supercharging</i>	Indirect injection	None
<i>Cylinders, Disposition</i>	4	vertical in line
<i>Capacity, Cooling</i>	3331 cm ³	Liquid
<i>Gear box</i>		Mechanical
<i>Number of forward and reverse speeds</i>	16	16
<i>Speed at rated engine speed</i>	from 0.25	to 23.10 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>	588 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>	35.6 kW	2400 min ⁻¹	588 min ⁻¹
<i>Hourly and specific consumption</i>		12.21 l/h	288 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	35.6 kW	2400 min ⁻¹	588 min ⁻¹
<i>Hourly and specific consumption</i>		12.21 l/h	288 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	32.8 kW	2205 min ⁻¹	540 min ⁻¹
<i>Hourly and specific consumption</i>		11.20 l/h	287 g/kWh

Torque rise

<i>Maximum torque, Engine speed corresponding</i>	161.9 Nm	1500 min ⁻¹	14.4 %
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Drawbar Test

<i>Front tyres, Rear tyres</i>	9.5 - 20	13.6 - 28
<u>Test with tractor</u>	<u>unballasted</u>	<u>ballasted</u>
<i>Total Mass</i>	2105 kg	2255 kg
<i>Maximum drawbar pull</i>	18.7 kN	19.5 kN
<i>at speed of</i>	1.73 km/h	1.73 km/h
<i>Maximum power</i>	34.1 kW	34.2 kW
<i>at speed of</i>	7.58 km/h	7.57 km/h

Hydraulic Performance and Power Lift Test

<i>Hydraulic system</i>			Opened centre
<u>At maximum hydraulic power</u>			
<i>Flow rate, Pressure, Power</i>	38.9 l/min	12.8 MPa	8.3 kW
<u>Maximum lifting force</u>			
<i>at hitch points, at frame</i>		14.6 kN	11.7 kN

