



OECD approval number

1/2 036

OECD approval date

Full Code
17/01/2003

Make

LG

Model

N47

Type

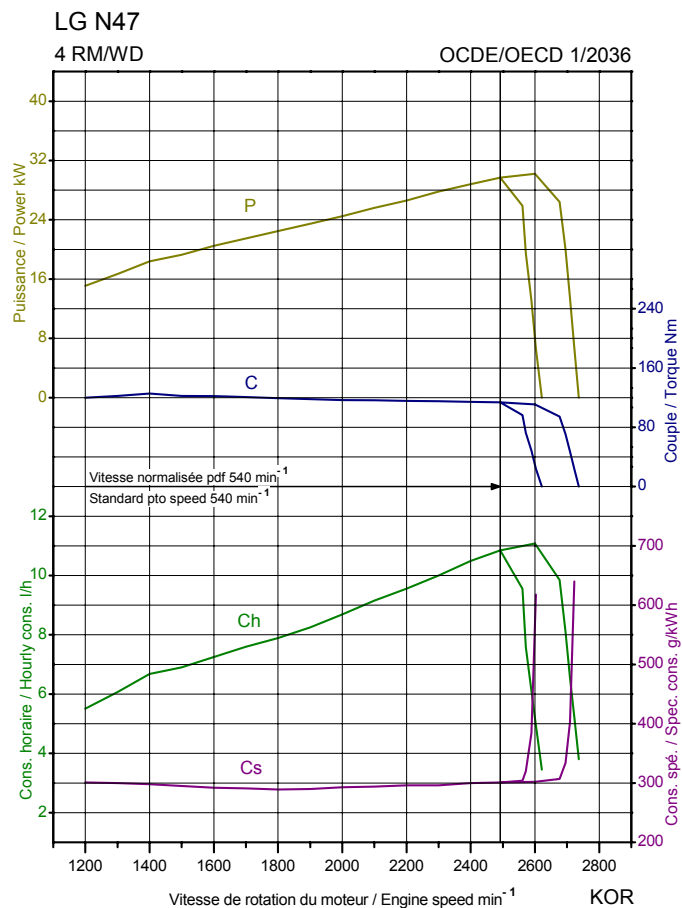
4 WD

Manufacturer

LG Cable Ltd.

Testing station:

NAMRI, Suwon, Korea



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	LG	S4QL28T
<i>Type, Supercharging</i>	Indirect injection	None
<i>Cylinders, Disposition</i>	4	vertical in line
<i>Capacity, Cooling</i>	2505 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 0.23	to 22.49 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>	563 min ⁻¹	1050 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>	30.2 kW	2600 min ⁻¹	563 min ⁻¹
<i>Hourly and specific consumption</i>		11.08 l/h	302 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	30.2 kW	2600 min ⁻¹	563 min ⁻¹
<i>Hourly and specific consumption</i>		11.08 l/h	302 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	29.7 kW	2492 min ⁻¹	540 min ⁻¹
<i>Hourly and specific consumption</i>		10.85 l/h	301 g/kWh

Torque rise

		13.4 %	
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Maximum torque, Engine speed corresponding

	125.8 Nm	1400 min ⁻¹	
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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>	2360 kg	2510 kg
<i>Maximum drawbar pull</i>	17.3 kN	18.1 kN
<i>at speed of</i>	1.76 km/h	1.76 km/h
<i>Maximum power</i>	25.8 kW	25.9 kW
<i>at speed of</i>	8.43 km/h	8.44 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>	36.8 l/min	12.5 MPa	7.7 kW
<u>Maximum lifting force</u>			
<i>at hitch points, at frame</i>		14.3 kN	13.7 kN

