



OECD approval number

1/1 876

OECD approval date

Full Code

12/01/00

Make

LG

Model

LT380D

Type

4 WD

Manufacturer

LG Cable & Machinery Ltd.

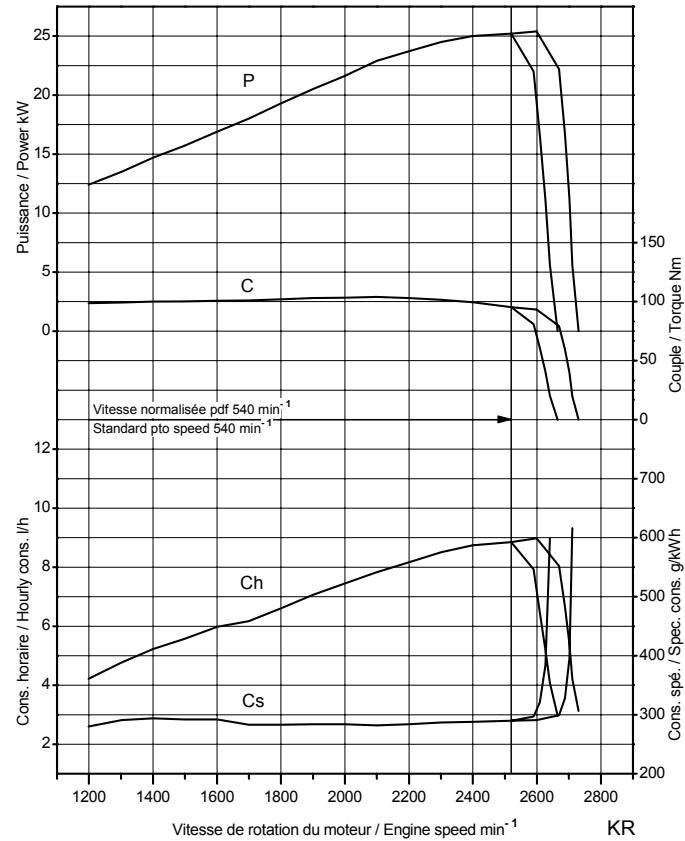
Testing station:

NAMRI, Suwon, Korea

LG LT380D

4 RM/WD

OCDE/OECD 1/1876



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	LG	S4QS15T
<i>Type, Supercharging</i>	Indirect injection	None
<i>Cylinders, Disposition</i>	4	vertical in line
<i>Capacity, Cooling</i>	2311 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 0.73	to 21.06 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>	557 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>	25.4 kW	2599 min ⁻¹	557 min ⁻¹
<i>Hourly and specific consumption</i>		8.98 l/h	291 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	25.4 kW	2599 min ⁻¹	557 min ⁻¹
<i>Hourly and specific consumption</i>		8.98 l/h	291 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	25.2 kW	2520 min ⁻¹	540 min ⁻¹
<i>Hourly and specific consumption</i>		8.85 l/h	290 g/kWh

Torque rise

<i>Maximum torque, Engine speed corresponding</i>		103.9 Nm	2100 min ⁻¹
---	--	----------	------------------------

Drawbar Test*Front tyres, Rear tyres*

<u>Test with tractor</u>	8 - 16	13.6 - 24
--------------------------	--------	-----------

Total Mass

	<u>unballasted</u>	<u>ballasted</u>
--	--------------------	------------------

Maximum drawbar pull

	1529 kg	1774 kg
--	---------	---------

at speed of

	11.1 kN	13.0 kN
--	---------	---------

Maximum power

	1.86 km/h	1.85 km/h
--	-----------	-----------

at speed of

	20.4 kW	20.7 kW
--	---------	---------

At maximum hydraulic power

<i>Flow rate, Pressure, Power</i>	10.56 km/h	7.28 km/h
-----------------------------------	------------	-----------

Power Lift and Hydraulic Performance Test*Hydraulic system*

<i>Maximum lifting force at hitch points, at frame</i>	12.3 kN	Opened centre 9.5 kN
--	---------	-------------------------

At maximum hydraulic power

<i>Flow rate, Pressure, Power</i>	34.5 l/min	10.8 MPa	6.2 kW
-----------------------------------	------------	----------	--------

