



OECD approval number

1/1 743

OECD approval date

Full Code  
27/03/1998

Make

LG

Model

LT360D

Type

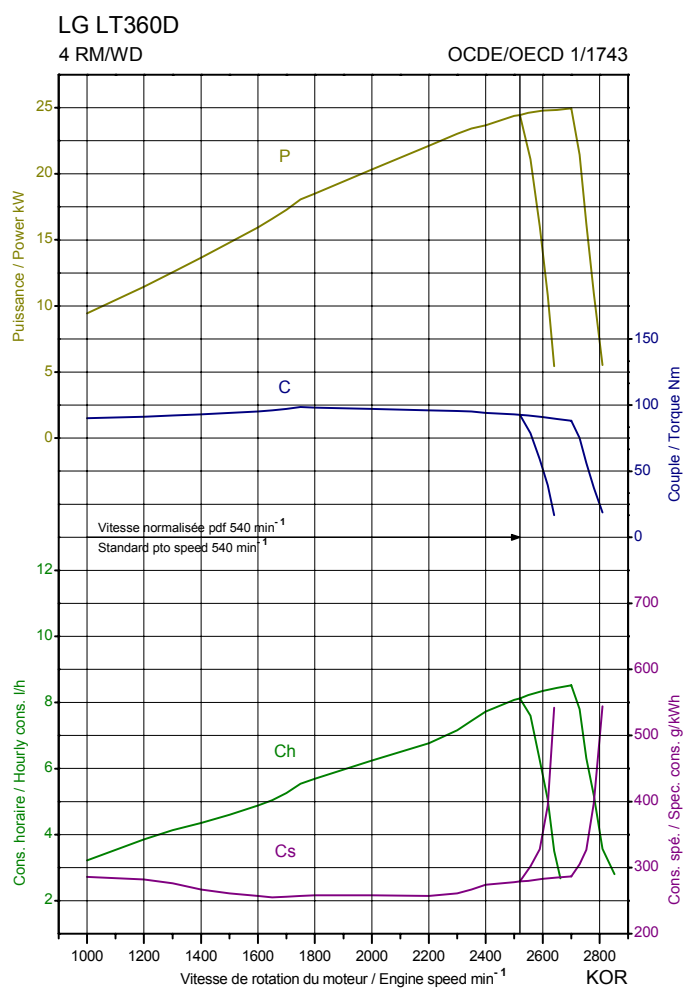
4 WD

Manufacturer

LG Cable & Machinery Ltd.

Testing station:

NAMRI, Suwon, Korea



**Engine, Transmission, Power take-off Specifications**

|                                                   |                             |                              |
|---------------------------------------------------|-----------------------------|------------------------------|
| <i>Make, Model</i>                                | LG                          | LT360D                       |
| <i>Type, Supercharging</i>                        | Indirect injection          | None                         |
| <i>Cylinders, Disposition</i>                     | 4                           | vertical in line             |
| <i>Capacity, Cooling</i>                          | 1758 cm <sup>3</sup>        | Liquid                       |
| <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 21.09 km/h                |
| <u>Standard Power take-off speed</u>              | <u>540 min<sup>-1</sup></u> | <u>1000 min<sup>-1</sup></u> |
| <i>Power take-off speed at rated engine speed</i> | 579 min <sup>-1</sup>       | None                         |
| <i>Diameter of the shaft</i>                      | 35 mm                       |                              |
| <i>Number of splines</i>                          | 6                           |                              |

**Power take-off Test**Two hours test at maximum power

|                                               |         |                        |                       |
|-----------------------------------------------|---------|------------------------|-----------------------|
| <i>Power, Engine and Power take-off speed</i> | 25.0 kW | 2700 min <sup>-1</sup> | 579 min <sup>-1</sup> |
| <i>Hourly and specific consumption</i>        |         | 8.52 l/h               | 287 g/kWh             |

Test at maximum power at rated engine speed

|                                               |         |                        |                       |
|-----------------------------------------------|---------|------------------------|-----------------------|
| <i>Power, Engine and Power take-off speed</i> | 25.0 kW | 2700 min <sup>-1</sup> | 579 min <sup>-1</sup> |
| <i>Hourly and specific consumption</i>        |         | 8.52 l/h               | 287 g/kWh             |

Test at standard Power take-off speed

|                                               |         |                        |                       |
|-----------------------------------------------|---------|------------------------|-----------------------|
| <i>Power, Engine and Power take-off speed</i> | 24.5 kW | 2520 min <sup>-1</sup> | 540 min <sup>-1</sup> |
| <i>Hourly and specific consumption</i>        |         | 8.12 l/h               | 279 g/kWh             |

Torque rise

|  |  |  |        |
|--|--|--|--------|
|  |  |  | 11.7 % |
|--|--|--|--------|

Maximum torque, Engine speed corresponding

|         |                        |
|---------|------------------------|
| 98.6 Nm | 1750 min <sup>-1</sup> |
|---------|------------------------|

**Drawbar Test***Front tyres, Rear tyres*

|        |           |
|--------|-----------|
| 8 - 16 | 12.4 - 24 |
|--------|-----------|

Test with tractor

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

*Total Mass*

|         |         |
|---------|---------|
| 1390 kg | 1635 kg |
|---------|---------|

*Maximum drawbar pull*

|         |         |
|---------|---------|
| 13.5 kN | 14.5 kN |
|---------|---------|

*at speed of*

|           |           |
|-----------|-----------|
| 1.37 km/h | 2.23 km/h |
|-----------|-----------|

*Maximum power*

|         |         |
|---------|---------|
| 22.1 kW | 23.5 kW |
|---------|---------|

*at speed of*

|           |           |
|-----------|-----------|
| 7.65 km/h | 6.20 km/h |
|-----------|-----------|

**Hydraulic Performance and Power Lift Test***Hydraulic system*

Opened centre

At maximum hydraulic power

|                                   |            |          |        |
|-----------------------------------|------------|----------|--------|
| <i>Flow rate, Pressure, Power</i> | 28.7 l/min | 10.8 MPa | 5.2 kW |
|-----------------------------------|------------|----------|--------|

Maximum lifting force

|                                  |  |         |        |
|----------------------------------|--|---------|--------|
| <i>at hitch points, at frame</i> |  | 13.2 kN | 9.8 kN |
|----------------------------------|--|---------|--------|

