

## TEST REPORT

### 1. Applicant

Name : KLT Co., Ltd.  
Address : 597-2. Geumseung-ri, Tanhyeon-myeon, Paju-si,  
Gyeonggi-do, Korea

### 2. Products

Name : Pulsarlube V  
Model/Type : V250  
Manufacturer : KLT Co., Ltd.  
Remark : -

3. Test Standard/Method : IEC 60529:2001, KS C IEC 60529:2006


4. Test Results : IP68 (Refer to document)

5. Use of Report : For Quality Control

6. Date of Application : 2012. 11. 28

7. Date of Issue : 2012. 11. 30

Tested by



Machinery Convergence Technology Center  
Chang-ho Kim

Approved by



Machinery Convergence Technology Center  
Leader Jun-gu Kang

*The above test report is the accredited test results by Korea Laboratory Accreditation Scheme, which signed the ILAC-MRA.*

## Korea Testing Laboratory

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## TEST RESULTS

for Degree of protection provided by enclosures(IP Code)

### 1. Test Results

Code letters	IP	Test method and Record	Results
<p><b>1st</b> Characteristic numerals</p> <p>Against ingress of solid foreign objects</p>	<b>6</b>	<p>1. CONDITIONS</p> <p>1.1 Talcum powder(mesh) : Wire diameter=50 <math>\mu\text{m}</math>, width between wires=75 <math>\mu\text{m}</math></p> <p>1.2 Amount of talcum powder of the test chamber : 2kg/m<sup>3</sup></p> <p>2. TEST</p> <p>2.1 Volume of the enclosures: about 95 cm<sup>3</sup></p> <p>2.2 Reduction air pressure : -2.0 kPa(-200 mmH<sub>2</sub>O)</p> <p>2.3 Flow rate : 0.0 LPM</p> <p>2.4 Extraction rate per hour : 0 volumes/h</p> <p>2.5 Test duration : 8 hours</p>	<b>Pass</b>
<p><b>2nd</b> Characteristic numerals</p> <p>Against ingress of water with harmful effects</p>	<b>8</b>	<p>1. CONDITIONS</p> <p>1.1 The lowest point of enclosure : 1,200 mm</p> <p>1.2 The highest point of enclosure : 1,103 mm</p> <p>1.3 Differential temperature of water and enclosure (less than 5K) : about 2.0 K</p> <p>2. TEST</p> <p>2.1 The duration of the test is : 3 hours</p>	<b>Pass</b>

### 2. Reference Data

- (1) Test conditions : 20.3 °C, 57 %RH, 86~106 kPa
- (2) Size :  $\varnothing$ 97.1 mm×H165.8 mm
- (3) Identical Model : V125 ( $\varnothing$ 97 mm×H127 mm)