PL4 grease is an incidental food contact grease made with 100% PAO synthetic base oil and calcium sulfonate thickener. Designed to meet many global performance and cultural requirements as NSF H1, Kosher and Halal. PL4 grease provides excellent lubrication for a variety of light-to-medium duty uses, and is appropriate for GC-LB applications. It also provides protection from corrosion while equipment is idle or in storage.
**PL4 Food Grade Grease**

**Product Description (Benefits)**
- Inherent protection from rust and corrosion
- Environmentally friendly formulation contains no antimony, barium, chlorine, phosphorus, zinc or free sulfur
- Registered: NSF H1, Kosher and Halal
- Wide service temperature (-40°C~ 200°C)
- Synthetic + Calcium sulfonate, Off-White

**Application Part**
- Automatic grease lubricators
- General chassis lubrication, for equipment where incidental food contact or human contact is expected
- Conveyor bearings and enclosed gears in high humidity food processing environments
- Packaging equipment in beverage processing facilities such as dairies, breweries, and bottling plants
- Farm equipment used in the maintaining and harvesting of crops

**Product Data**

<table>
<thead>
<tr>
<th>Test item</th>
<th>Unit</th>
<th>Test method</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>Copper Corrosion</td>
<td>grade</td>
<td>ASTM D 4048</td>
<td>1B</td>
</tr>
<tr>
<td>Worked Penetration</td>
<td>0.1mm</td>
<td>ASTM D 217</td>
<td>265 -295</td>
</tr>
<tr>
<td>Dropping Point</td>
<td>℃</td>
<td>ASTM D 2265</td>
<td>316</td>
</tr>
<tr>
<td>Base Oil Viscosity</td>
<td>cSt (@40℃)</td>
<td>ASTM D 445</td>
<td>100</td>
</tr>
<tr>
<td>4 Ball EP</td>
<td>kg</td>
<td>ASTM D 2596</td>
<td>400</td>
</tr>
<tr>
<td>Oil Separation</td>
<td>wt%</td>
<td>ASTM D 1742</td>
<td>0.5</td>
</tr>
</tbody>
</table>

Note: The above data constitutes neither an assurance of product properties nor does it release the user from the obligation of performing preliminary field test with the product selected for a specific application.

**Suggestion of Using**
Grease gun, various spreading apparatus, brush and automatic lubricating system
※ Storage: Approx. 12 months if the product is stored in the original closed container in a dry place

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