CALSULLENCE 1615 WR
(TEMPORARY PRODUCT DATA SHEET)

CLASSIFICATION

DIN 51502  
ISO 6743  
KP1,5N-20  
ISO-L-XBDFB1,5

PRODUCT DESCRIPTION

CALSULLENCE 1615 WR is a calcium sulphonate complex thickened lubricating grease based on mineral oil. The grease contains antioxidants and corrosion inhibitors. The product does not contain conventional EP- and AW-additives since they are built in as an integral part of the soap structure.

The functional soap gives the product excellent load carrying capacity making it suitable for heavily loaded applications. The grease has also superb mechanical stability, good corrosion protection and excellent water resistance which are important in wet and corrosive environments.

- Excellent load carrying capacity
- Excellent mechanical stability
- Very good corrosion protection
- Water resistant

TYPICAL TECHNICAL DATA

<table>
<thead>
<tr>
<th>Thickener</th>
<th>Calcium sulphonate complex</th>
</tr>
</thead>
<tbody>
<tr>
<td>Base oil</td>
<td>Mineral oil</td>
</tr>
<tr>
<td>Colour</td>
<td>Visual Brown</td>
</tr>
<tr>
<td>NLGI Grade</td>
<td>ASTM D217 1,5</td>
</tr>
<tr>
<td>Dropping point</td>
<td>IP 396 &gt;260°C</td>
</tr>
<tr>
<td>Base oil viscosity at 40°C</td>
<td>ISO 12058 460 mm²/s</td>
</tr>
<tr>
<td>Base oil viscosity at 100°C</td>
<td>ISO 12058 30 mm²/s</td>
</tr>
<tr>
<td>4-ball weld load</td>
<td>DIN 51350:4 &gt;6500 N</td>
</tr>
<tr>
<td>Temperature range</td>
<td>-20°C to +150°C</td>
</tr>
</tbody>
</table>

CALSULLENCE 1615 WR is a modern high performance product especially suitable for industrial applications. The extreme load carrying capacity and the excellent water resistance make the product a perfect choice for heavily loaded applications or wet and corrosive environments.
**TYPICAL TECHNICAL DATA**

### Mechanical stability
- **Penetration 60 strokes**
  - ISO 2137
  - 285-315
- **Shell roll stability 50h/80°C**
  - ASTM D1831mod
  - +50

### Corrosion protection
- **SKF Emcor salt water**
  - ISO 11007
  - 1-1
- **Copper corrosion 24h/100°C**
  - ASTM D4048
  - 1b

### Water stability
- **Water washout 1h/80°C**
  - ISO 11009
  - 5%
- **Water Spray off**
  - ASTM D4049
  - <25%

### Oil Separation
- **Separation 168h/40°C**
  - IP 121
  - 5%

### Anti-wear properties
- **4-ball wear scar (1h at 400N)**
  - DIN 51350:5
  - 0,4 mm

### Others
- **Oxidation stability 100 h/100°C**
  - ASTM D942
  - 70 kPa
- **Timken OK Load**
  - IP 326
  - 60 lbs

The information above is based on current production data and can vary within given tolerances. Temperature range is given as a guideline only. Information and data can be changed without previous notification. This information replaces prior editions.