The information contained in this Technical Bulletin is as up to date and correct as possible as at the time of issue. The data provided should be used as a guide only as the performance of the product will vary depending on differing operating conditions and application methods.

The sale of any product described in this Technical Bulletin will be in accordance with ITW Polymers & Fluids Conditions Of Sale, a copy of which is available on request. To the extent permitted by law, ITW Polymers & Fluids excludes all other warranties in relation to this product.

Last Modified July 2013

**FOODLUBE® HI-TEMP 2 GREASE**

*Food grade, high temperature grease fortified with PTFE.*

**Description**

**FOODLUBE® Hi-Temp 2 Grease** is a food grade, high temperature, NLGI No. 2 grease fortified with PTFE.

**FOODLUBE® Hi-Temp 2 Grease** is a non-toxic lubricant designed for the effective lubrication and protection of ball, roller and plain bearings operating in food/clean environments.

**FOODLUBE® Hi-Temp 2 Grease** contains only FDA listed ingredients (FDA Group 21).

**Areas of application**

- Food/Clean manufacturing equipment
- Ball, roller and plain bearings

**Features**

- Temperature range: −20°C to 200°C
- Good anti-wear performance
- Highly resistant to water wash off
- Suitable for slow moving bearings and slides
- Ideal for use as a friction reducing lubricant
- Does not contain: mineral hydrocarbons, animal derived materials, nut oils or genetically modified ingredients.
- NZFSA Approved C15 (All animal product except dairy)
- NZ AsureQuality Approved (incidental contact)
- NSF Registered H1 – 122065
- ISO 21469 Certified
- HACCP Australia Pty Ltd endorsed as a food grade lubricant suitable for use in facilities that operate a HACCP based food safety program (PE-626-ITW-1-02)
Technical data

<table>
<thead>
<tr>
<th>Property</th>
<th>Test Method</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td></td>
<td>White, semi-translucent grease</td>
</tr>
<tr>
<td>NLGI No.</td>
<td>(IP 50)(ASTM D217)</td>
<td>NLGI No. 2</td>
</tr>
<tr>
<td>Base type</td>
<td></td>
<td>Silicone</td>
</tr>
<tr>
<td>Thickener</td>
<td></td>
<td>Silica</td>
</tr>
<tr>
<td>Solids</td>
<td></td>
<td>PTFE</td>
</tr>
<tr>
<td>Temperature range</td>
<td></td>
<td>-20°C to 200°C</td>
</tr>
<tr>
<td>Drop point</td>
<td></td>
<td>Non-melting</td>
</tr>
<tr>
<td>Base fluid viscosity at 40°C</td>
<td></td>
<td>1000 cSt</td>
</tr>
<tr>
<td>Shell 4 ball Weld load</td>
<td>(IP 239)(ASTM D2596)</td>
<td>180 kg</td>
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<tr>
<td>Load-wear index</td>
<td></td>
<td>25.5 kg</td>
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<tr>
<td>Water washout test</td>
<td>(IP 215)(ASTM D 1264)</td>
<td>&lt;2%</td>
</tr>
</tbody>
</table>

Directions for use

- Apply manually or with an applicator suitable for silicone grease lubricants.
- It is recommended that ROCOL® FOODLUBE® High Temp 2 Grease is not mixed with any other lubricant.
- For best results bearings should be cleaned or purged of the previous lubricant prior to use.
- Use only the minimum quantity required to achieve the desired technical effect.

Storage and Shelf Life

Store in dry conditions between 1°C and 40°C, keep away from sources of heat and naked flames. Protect from frost. When stored in original sealed containers, the minimum shelf life is four (4) years.

Packaging

FOODLUBE® Hi-Temp 2 Grease is available in 380g and 18kg sizes.

Ordering Information: Pack size Part Codes
380 g RY15251
18kg RY15254

Health & Safety Information

The product is non-hazardous. A Material Safety Data Sheet is available from the ITW Polymers & Fluids Technical Department upon request or available on our website www.rocol.com.au.