



Hi-Tec Oil Traders Pty Ltd ABN 28 053 837 362

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## PRODUCT DATA SHEET

### **FOOD MACHINERY GREASE** (USFDA Approved Type H-1 Grease)

#### **Description**

**Hi-Tec Food Machinery Grease** is a premium white Aluminium Complex grease specially developed for the lubrication of all types of machinery used in the food processing industry.

**Hi-Tec Food Machinery Grease** is registered with NSF (category H-1) and also complies with FDA Regulation 178.3570 requirements for incidental contact with food. In addition it is Halal certified and approved by Australian Quarantine Inspection Service (AQIS)

**Hi-Tec Food Machinery Grease** contains an advanced additive technology system that will provide outstanding extreme pressure (EP) and antiwear (AW) performance along with protection from corrosion, oxidation and water washout.

**Hi-Tec Food Machinery Grease** has been independently tested for bacteria and fungi and considered practically sterile. It is not a source of microbiological contamination.

The state-of-the-art equipment and procedures employed to manufacture **Hi-Tec Food Machinery Grease** engenders it with a high degree of mechanical and storage stability. It resists breakdown under high mechanical stress and not release oil in storage.

#### **Application**

**Hi-Tec Food Machinery Grease** is recommended for use in most grease applications encountered in food processing plants. It is suitable for rolling element bearings, plain bearings, gears and couplings.

The recommended operating temperature range is from . 30 °C to 160 °C. **Hi-Tec Food Machinery Grease** can endure higher temperatures for short periods or if the lubrication frequency is increased.

#### **Benefits of Hi-Tec Food Machinery Grease**

- Reduced wear under high or shock loads
- Excellent resistance to water washout
- Superior protection against rust and corrosion
- Strong adhesive properties
- Excellent mechanical stability
- Multi-service applications
- NSF H-1 registered
- Halal certified
- AQIS approved
- Microbiologically stable



AUSTRALIAN FAMILY OWNED SINCE 1989





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### TEST

NLGI  
Soap Type  
Colour  
Penetration at 25°C  
Unworked  
Worked, 60 Strokes  
Worked, 100,000 Strokes  
Dropping Point, °C  
Oxidation, Pressure Drop  
after 100hours, kPa  
Bearing, Rust Protection  
Oil Separation, after 24 hours  
at 100°C%  
Bearing Life, 10,000RPM  
at 121°C, hours  
Timken, OK Load kg  
Water Wash-out, at 38°C, %  
at 80°C, %  
Copper Corrosion, 3 hours at 100°C  
Base Oil (US Pharmacopoeia quality)  
Viscosity, cSt at 40°C  
at 100°C

### ASTM METHOD

D.217  
  
  
  
D.2265  
  
D.942  
D.1743  
D.1742  
  
D.1741 Mod  
  
D.2509  
D.1264  
  
D.130Mod  
  
D.445  
D.445

### FOOD MACHINERY GREASE

2  
Aluminium complex  
White  
  
  
275  
272  
287  
232  
  
10  
1  
1.5  
  
700  
  
20  
Nil  
0.9  
1a  
  
66  
6.60

**Item Code:** HI7-1009-

**Available In:** Bulk, 180 kg, 18 kg, 2.5 kg, 450 g

The facts stated and recommendations made herein are believed to be accurate. No guarantee of their accuracy is made however, and unless otherwise expressly provided in written contract, the products are sold without conditions or warranties, expressed or implied. Purchasers should determine the suitability of such products for their particular purposes.+

**Effective:** June 2012

**Expires:** June 2014

GH216080/2



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