



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

5 Tarlington Place Smithfield NSW 2164

Correspondence: P.O Box 322 Castle Hill NSW 1765

Ph: 1300 796 009 | Fax: (02) 9604 1611 | Email: hitecoils@hi-tecoils.com.au

www.hi-tecoils.com.au

PRODUCT DATA SHEET

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

PRODUCT DESCRIPTION

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.

Food Machinery Grease is registered with NSF (category H-1) and also complies with USDA 1998 H1 guidelines for incidental contact with food.

Food Machinery Grease contains an advanced additive technology system and PTFE to provide outstanding extreme pressure (EP) and anti-wear (AW) performance along with protection from corrosion, oxidation and water washout. It is suitable for all plain and anti-friction bearings as well as sliding surfaces.

The state-of-the-art equipment and procedures employed to manufacture **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.

BENEFITS

- Wide range of food safe applications
- Provides long term lubrication at high temperatures, therefore extending lubrication intervals
- Reduced wear under high or shock loads
- Excellent water resistance
- Superior protection against rust and corrosion
- Strong adhesive properties
- Excellent mechanical stability
- Multi-service applications
- NSF H-1 registered
- Halal certified

Hi-Tec suggests that the equipment manufacturers' recommendations for grade, performance requirements and general operating conditions should be checked prior to use.

APPLICATION

Food Machinery Grease is recommended for use in most grease applications encountered in food processing plants. The recommended operating temperature range is from -50°C to 165°C , but can endure higher temperatures for short periods or if the lubrication frequency is increased.

Food Machinery Grease can be applied by hand or using a standard grease gun (450g cartridges). As with all greases used for the first time, check compatibility with the grease applied previously and if necessary, purge bearings prior to application. Take care not to over-lubricate and apply the quantity of grease recommended by the bearing manufacturer.



AUSTRALIAN FAMILY OWNED SINCE 1989





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

5 Tarlington Place Smithfield NSW 2164

Correspondence: P.O Box 322 Castle Hill NSW 1765

Ph: 1300 796 009 | Fax: (02) 9604 1611 | Email: hitecoils@hi-tecoils.com.au

www.hi-tecoils.com.au

PRODUCT DATA SHEET

TYPICAL PROPERTIES

Property	ASTM Method	Results
Appearance	-	Smooth Adhesive
Colour	-	White
NLGI classification	-	2
Thickener	-	Aluminium Complex
Base oil	-	Blend Synthetic oils
Dropping point (°C)	IP132	>230
Oil separation (%)	IP121	1
Copper corrosion	IP112	Pass
Resistance to corrosion Emcor (a)	IP 220	0:0
Water washout @ 39°C (%)	D-1264	1
Four Ball Weld Load (kg)	IP 239	500
DN factor	-	500,000
Operating temperature range	-	-50°C to 165°C
Solids (%)	-	5

Available In: 180 kg, 18 kg and 450 g cartridges

"Hi-Tec Oil Traders Pty Ltd (Hi-Tec Oils) has endeavoured to ensure that all information, representations and specifications contained in this product data sheet are accurate at the time of publication. This general information should be used in conjunction with appropriate inquiries by users of the product including consultation with the vehicle or equipment manufacturers published information.

It is the responsibility of users of the product to use the product safely. Users should consult the safety data sheets for each product at www.hi-tecoils.com.au. Hi-Tec Oils takes no responsibility for injury or damage if the product is used in an inappropriate or unsafe manner.

Our product warranty and product quality statement can be viewed at www.hi-tecoils.com.au"

Item Code: HI7-1009

Effective: August 2019

KH918062/1



AUSTRALIAN FAMILY OWNED SINCE 1989

