



PRODUCT DATA SHEET

ZINC OXIDE GREASE

PRODUCT DESCRIPTION

Zinc Oxide Grease is a premium quality, NLGI 3, multi-purpose, water-resistant grease for use in industrial and marine applications where the presence of water and humid atmospheres can effect lubricating performance and be detrimental to the corrosion protection of components. It is further enhanced with a special additive which provides additional protection and lubrication when excessive levels of water are prevalent such as water pumping equipment. It is suitable for plain and anti-friction bearings.

CHARACTERISTICS

Zinc Oxide Grease employs a calcium soap thickener combined with selected paraffinic and naphthenic base oils, rust, oxidation and corrosion inhibitors and extreme pressure additives. It can be used as a multi-purpose grease for many applications (up to 110°C). It protects moving parts against wear from shock loads in high load service conditions. **Zinc Oxide Grease** prevents scuffing and further assists in wear prevention due to the high performance EP additives.

PERFORMANCE

- Superb mechanical stability
- Excellent corrosion protection
- Extremely high water resistance
- Good sealing properties

RECOMMENDATIONS

Due to its extremely high water resistance, **Zinc Oxide Grease** is recommended for plain and anti-friction bearings, automotive, marine and industrial applications under service conditions where the presence of water or humidity can effect lubricant performance.

Hi-Tec suggests that the equipment manufacturers' recommendations for grade, performance requirements and general operating conditions should be checked prior to use. **Zinc Oxide Grease** can be applied manually, or by using a standard grease gun. As with all greases used for the first time, check compatibility with the grease applied previously and if necessary clean equipment prior to application. Likewise, as a general rule, take care not to over-lubricate and apply the quantity of grease recommended by the manufacturer.

TYPICAL PROPERTIES

Property	Units	Method	Results
Appearance	-	Visual	Off-white
NLGI Grade	-	-	3
Thickener	-	-	Calcium
Base Oil	-	-	Mineral Oil
Worked Penetration	dmm	IP 50	220-250
Dropping Point	°C	IP 132	>140
Oil Separation	%	IP121	<3
Copper Corrosion	-	IP 112	Pass
Resistance to Corrosion Emcor	-	IP 220	0:0
Water Washout @ 39°C	%	ASTM D1264	<2
Operating Temperature Range	°C	-	-20 to 110
Solids	%	-	6



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PRODUCT DATA SHEET

Available in: Bulk, 180kg, 20kg and 2.5kg

“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”

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