PRODUCT DATA SHEET

NEVER MELT GREASE

PRODUCT DESCRIPTION

Never Melt Grease is multi-functional lubricating grease recommended for bearing applications where operational temperatures can be very high.

Never Melt Grease is an amber, buttery textured grease manufactured from bentone thickened paraffinic base oils and fortified with effective oxidation, rust and corrosion inhibitors.

Never Melt Grease does not have a melting point due to its bentone (clay) based thickener and is suitable for use in high temperatures situations. It has good low temperature properties as well, ensuring that is suitable for applications where temperatures are below freezing.

CHARACTERISTICS

WATER RESISTANT. **Never Melt Grease** has outstanding resistance to water washout so that lubrication is sustained in water contaminated environments.

HIGH AND LOW TEMPERATURE SERVIC. **Never Melt Grease** provides excellent lubrication under extreme temperatures. Where service is required in excess of 200° C it is recommended that application intervals be more frequent to remove partly oxidised grease or charred grease (which may occur at temperatures 400° C and higher). Minimum operating temperature is -18° C.

SHEAR RESISTANT. **Never Melt Grease** maintains its consistency because it does not thin out under high shear like some other greases, avoiding premature wear or equipment failure. It has excellent pumpability characteristics over a wide temperature range.

OXIDATION AND RUST INHIBITED. **Never Melt Grease** minimises oxidation in very high temperature applications thereby promoting longer service life in these hostile environments.

RECOMMENDATIONS

Never Melt Grease is suitable for use in many applications including:

Automotive: In cars, trucks, tractors and trailers - Chassis, universal joints, wheel bearings especially those operating at the high temperatures associated with disc braking systems.

Industrial: For ball and roller bearings especially where high temperatures are encountered.
It is a prime recommendation for automotive, marine and industrial bearings where long service life is required.

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

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TYPICAL PROPERTIES

Property	Method	Results
Appearance		Smooth grease
Colour		Brown
NLGI		2
Thickener		Bentone
Penetration, Worked (°C)	IP50	265 - 295
Dropping Point (°C)	IP132	Does not melt
Water Washout, @ 39°C (%)	ASTM D-1264	2
Oil Separation (%)	IP121	2
Copper Corrosion	IP112	Pass
4-Ball Weld (kg/F)	IP239	250
Resistance to Corrosion Emcor (a)	IP220	Pass
Base Oil		Refined mineral oil

Available in: Bulk, 180kg, 55kg, 20kg and 450g

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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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