



PRODUCT DATA SHEET

NEVER MELT GREASE

DESCRIPTION

Hi-Tec NEVER MELT GREASE is multi-functional lubricating grease recommended for bearing applications where operational temperatures can be very high.

Hi-Tec 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.

Hi-Tec NEVER MELT GREASE does not have a melting point due to its bentone (clay) based thickener and thus 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: **Hi-Tec NEVER MELT GREASE** has outstanding resistance to water washout so that lubrication is sustained in water contaminated environments.

HIGH AND LOW TEMPERATURE SERVICE: **Hi-Tec 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: **Hi-Tec 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: **Hi-Tec NEVER MELT GREASE** minimises oxidation in very high temperature applications thereby promoting longer service life in these hostile environments.

RECOMMENDATIONS

Hi-Tec 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 a long service life is required.



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<u>PROPERTY</u>	<u>ASTM METHOD</u>	<u>TYPICAL VALUE</u>
NLGI		2.5
Gelling Agent		Bentone
Penetration, Worked at 25 °C after 60 Strokes	D.217	250 – 270
Drop Point °C	D.2265	Does not melt
Water Washout, @ 79°C, %	D.1264	0
Wheel Bearing Leakage, g	D.1263	0.78
Oxidation Resistance Pressure Drop after 100 hours (kPa)	D.942	28
Timken, OK Load, Kg	D.2509	18
4-Ball Weld, Kg/f	D.2596	150
Rust Prevention Characteristics	D.1743	Pass
Base Oil (Mineral): Viscosity, cSt @40°C	D.445	500
@100°C	D.445	32

Product Code: HI7-1008

"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."

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