

Product Data Sheet

No Melt HT 2 Grease

Non-Melt Hi Temperature Grease NLGI 2

Description

NO MELT HT 2 GREASE is a non-melting amber coloured grease formulated from a highly refined ISO 460 grade mineral base oil and an organo-clay (bentonite) thickener.

It is fortified with oxidation inhibitors to impart effective oxidation resistance for high-temperature applications.

NO MELT HT 2 GREASE offers superior water washout resistance and excellent thermal and oxidative stability and is the ideal grease to use for applications where high temperatures are frequently encountered.

Unlike normal greases, Bentone greases retain their consistency under increasing temperatures.

Applications

NO MELT HT 2 GREASE is recommended for automotive and industrial applications particularly where high temperatures are encountered.

Common applications for **NO MELT HT 2 GREASE** include: -

- Automotive wheel bearings
- Industrial ball and roller bearings in high temperature applications
- Exhaust fan bearings
- Furnace door bearings
- Kiln car wheel bearings
- Roll neck bearings
- High temperature conveyor bearings
- Rotary kiln bearings

NO MELT HT 2 GREASE must not be mixed with other greases unless they are of a similar bentonite clay-based thickener.

Package Sizes

Item Code	Pack Size
MG0416201-0180	180 kg drum
MG0410201-0020	20kg pail
MG0416201-0450	450g cartridge (12 x 450g/ctn)

NOTE: Always confirm that the product selected is consistent with the original equipment manufacturer's recommendation for the equipment operating conditions and customer's maintenance practices.

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Key Benefits

- Non-melt clay based thickened formulation to withstand high temperature applications
- Superior oxidation and thermal stability
- Excellent resistance to water washout
- Good adhesive strength to bearings and metal surfaces
- Highly effective rust and corrosion resistance
- Good mechanical and shear stability

Typical Test Data

Property	Method	Typical
NLGI Grade		2
Thickener Type		Organo-Clay (Bentonite)
Colour, Visual		Amber – Smooth
Corrosion, Cu strip, 24hr @100°C	ASTM D130	1b
Penetration, Worked, 25° C,	ASTM D217	275
Dropping Point, °C,	ASTM D2265	N/A
Base Oil Viscosity, cSt @ 40° C	ASTM D445	450
4-Ball EP Weld Point, kgf	ASTM D2596	180
Timken OK Load, kg	ASTM D2509	18
Oil Separation. 24 hr @ 25°C, m%	ASTM D1742	1.0
Water Washout, 80°C, % loss	ASTM D1264	<0.5
Roll Stability, (tenth mm)	ASTM D1831	20
Usable temperature range in continuous service		-25 to 140°C
Maximum temperature for short term exposure (with frequent relubrication)		240°C

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Storage and Handling

Wherever possible store this product under cover to avoid any ingress of water. Do not store near hot work areas or where temperatures can reach above 60° C.

Health, Safety and Environment

Based on available information, this product is not expected to produce adverse effects on health when used for the intended application and the recommendations provided in the Safety Data Sheet (SDS) are followed. This product should not be used for purposes other than its intended use.

Consult the Safety Data Sheet available by contacting The Millstream Group Pty Ltd office for further information.

Contact



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