

MAK HITEMP XTRA GREASE

Description

MAK HITEMP XTRA GREASE is clay thickened non-soap base smooth structure grease. MAK HITEMP XTRA GREASE is a clay thickened non-soap base smooth structure grease. This grease contains 3% by weight molybdenum disulphide higher load bearing ability. This NLGI 2 grease is characterized by a very high dropping point and outstanding oxidation stability

Application

- This is used in the lubrication of machine elements, plain bearing and anti-friction bearings operating at high temperatures.
- Recommended in lubrication in various steel plant applications where the components have to work under high temperatures

Benefits

- High Drop point-With a drop point of greater than 250 deg C, it is well suited to lubricate components efficiently under high temperature conditions also
- Good Oxidation Stability- Gives enhanced life to the grease lubricant and minimum changing intervals
- Excellent Shock Load Carrying abilities- Due to presence of MoS₂ in the formulation, the grease has good shock loading carrying ability, making it suitable to protect and lubricate the machine components even under intermittent loads

Performance Level

- IS 12790 : 1999 (Grade 2)

Technical Specifications

Characteristics	Test Method	Specifications	MAK HITEMP XTRA GREASE
Type of Thickener	--	Clay Based	Clay Based
Drop Point, °C	ASTM D 2265	280	>280
Penetration 60 Double Strokes Difference Between 60 & 10,000 strokes	ASTM D 217	280 – 300 30	290 19
Oil Separation, % wt.	ASTM D 1742	2	0.5
Thermal Stability, % wt. loss	ASTM D 6184	3	1.4
Copper Corrosion at 100°C for 24 hrs.	ASTM D 4048	Negative	Negative
MoS ₂ Content, % by Wt	IS 1448 P 58	3	3

All the mentioned values are typical which may vary from batch to batch.

Storage and Handling

- Indoor Storage is always preferable
- Barrels should be kept vertically and should be kept away from dusty or heated areas.
- Lid should not be left open and during handling any contact with dust must be avoided
- Containers used for grease transport should be clean and exclusive

Health & Safety

This grade is not hazardous under normal conditions of use. For further guidance Material Safety Data Sheet (MSDS) may be referred

Advice

For any further advice on applications or otherwise, please contact the nearest Bharat Petroleum territory office or Technical Services department at the address given below

Bharat Petroleum Corporation Ltd.

Product and Application Development Dept.
BPCL 'A' Installation, Sewree Fort Road, Sewree (East)
Mumbai -400015
E-mail: MAKcustomercare2@bharatpetroleum.in
Tel No.: 022-24176351