

MAK RR GREASE 3

Description

This is Premium quality, multi purpose lithium soap base grease having excellent thermal and shear stability. This grease has good resistance against water washout too and hence is suitable for wheel bearing applications

This is an NLGI 3 grease and has higher consistency making it suitable for use in heavy duty bearing applications

Application

It is recommended for use in the Wheel Bearings of Heavy Duty Vehicles for longer service life. It is specially formulated for cylindrical roller bearings of axle boxes of diesel / electric locomotives & freight stock

It is approved by RDSO for use in cylindrical bearing axle box for freight stock, spherical roller bearing axle box for coaching stock and all the application on diesel / electric locomotives

Benefits

- High Drop point-With a high drop point, 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 water resistance- Does not wash away due to water sprays over bearings and greases, hence grease consumption also reduces
- Good Shear Stability- Provides grease with extra ability to resist early shear and work longer during harsh working conditions

Performance Level

- RDSO's WD. 17-MISC-92 specifications for Axle Box Grease

Technical Specifications

Characteristics	Test Method	MAK RR GREASE 3
Consistency of the Worked Grease at 25°C @ 60 double strokes	ASTM D 217	235
Drop Point, °C	ASTM D 2265	185
Free Organic Acidity (as oleic acid), % by mass	IS 1448 P:53	Nil
Free Alkanity (as LiOH), % by mass	IS 1448 P:53	0.08
Copper Strip Corrosion Test @ 100°C for 24 hrs.	ASTM D 4048	Negative

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.

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