

MAK SPRAYGREASE RN

Description

MAK SPRAYGREASE RN is a Sprayable Running –In Lubricant for open gears, formulated for high performance running-in lubrication of open gears and reconditioning of damaged tooth flanks of open gears. The product offers the scope to operate a gear drive within the shortest possible time under full load without risking any damage to the drive. The grease levels out surface roughness by smoothening production marks of new gears and wear marks of worn gears on the tooth surfaces through unique combination of complex soap, tackifiers, carefully selected solid lubricants and exclusive extreme pressure additives

MAK SPRAYGREASE RN is solvent-free, non-bituminous grease and does not contain chlorine or toxic metals like lead

Application

MAK SPRAYGREASE RN can be used for single or double pinion gear drives of all kinds of kilns, tube mills, mixers etc working at high speeds under critical operating conditions in cement plant, fertiliser plant, combustion units, sugar mills, crushing mills.

MAK SPRAYGREASE RN is fully sprayable and can be applied by automatic spray systems.

Benefits

- High Drop point-With a drop point, it is well suited to lubricate components efficiently under high temperature conditions also
- Good Antiwear properties- antiwear additives in grease lubricant provides extra protection to the components against components wear and hence increases its life
- Excellent Load Carrying abilities- this grease has good extreme pressure properties, making it suitable to protect and lubricate the machine components even under high loads
- Smooth & Tacky- Extra tackiness makes grease a good sealant and protects components from outside dust and contaminants

Performance Level

- Proprietary

Technical Specifications

| Characteristics | Unit | Test Method | MAK SPRAYGREASE RN |
|---|--------|-------------|--------------------|
| Colour | - | Visual | Black |
| Texture | - | Visual | Smooth |
| NLGI Consistency | - | ASTM D 217 | 0,0 |
| Drop Point | °C | ASTM D 566 | 198 |
| Operating Temperature Range | °C | - | (-) 10 to (+) 120 |
| Behaviour Towards Water | Rating | DIN – 51807 | 0-40/ 0-90 |
| Resistance to General Sealing Materials | | | Neutral |
| Four-Ball EP Test Weld Load | kg | IP 239 | 700 |
| Timken OK Load | lbs | ASTM D 2509 | 45 |
| FZG Test, A/2.76/50 Damage Load Stage | - | DIN 51354 | 12 |
| Base Oil Viscosity at 40°C | cSt | ASTM D 445 | 500 |
| Temperature Resistance of Dry Lubricating Film | °C | | 250 |

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