MOLYSULF®

PRODUCT INFORMATION

RBL 15 Grease

Synthetic grease for lubrication of bearings at high speeds

Product description

Fully synthetic grease based on polyalfaolefins and barium complex thickener

Features & benefits

- Low coefficient of friction leading to low temperature rise in bearing
- Excellent wear protection
- Good high and low temperature performance
- Outstanding mechanical stability
- Good resistance to water
- Resistance to many chemicals, chemical vapors, acidic and alkaline solutions
- Low starting resistance
- Extended lubrication intervals
- Excellent stability against oxidation and corrosion

Applications

Typical applications include CNC machines, high speed bearings in textile machinery, spindles in machine tools, high speed electric motors, fans and miniature bearings.

How to use

Use as supplied. Never mix with other greases or dilute with any oils. For optimum performance, clean the contact surface.

Use any ASV heavy duty industrial strength solvent based cleaner degreaser available in aerosol spray or bulk liquid pack.

When using a water based degreaser, ensure complete removal of any residues of the water based alkaline cleaning solution prior to applying grease.

Apply on clean, dry, degreased contact points using normal greasing methods such as brush, grease gun, spatula or automatic lubrication device. This grease can also be dispensed via centralized lubrication systems.

Follow instructions of the bearing or machine manufacturer as mentioned in the manual.

Relubrication intervals and amount are largely dependent on the working and service conditions. Relubricate in the same manner as recommended above.

Follow the industry rule of completely filling slow moving bearings having DN-value lesser than 50000. Normal moving bearings should be filled up to a third of their available free inner housing space.

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Test	Unit	Result	Standard
Appearance		Solid, grease	Visual
Colour		Light, ivory	Visual
Base oil		Polyalphaolefins	Visual
Base oil viscosity @ 40°C	mm^2/s	~20	ASTM D-445
Thickener		Barium complex	In house
Penetration (worked, 60x)	mm/10	265-295	ASTM D-217
NLGI Class	Consistency	2	DIN 51 818
Density @ 20°C	g/cm^3	~1	ASTM D-1298
Drop point	°C	>220	DIN ISO 2176
Lower working limit	°C	-40	In house
Upper working limit	°C	130	In house
Water resistance, static	Degree	1-90	DIN 51 807 pt.1
Copper strip corrosion	Rating	1a	ASTM D-4048
DN value (dm x n)	mm/min	1600000	
SKF Emcor test	corr. degree	<=1	DIN 51 802
Shelf life from manufacturing month, unopened container	Months	60	In house

General

Use in well-ventilated areas. Avoid continuous breathing of vapor and spray mist. For complete details on safety, short and long term exposure, refer to this product's safety data sheet (SDS).

Handling

Read instructions on the container label of the product before use. The product safety data sheet (SDS) contains the relevant information regarding personal protective equipment, safe use, physical and health hazards.

Manufactured by:
ASV Multichemie Private Limited
E 14, Additional MIDC, Patalganga
Panvel-410 220 INDIA

WWW.ASVMULTICHEMIE.COM

Disposal

All used and unused product should be disposed of in accordance with state regulations.

Limited warranty

Product manufactured is for industrial use only. The information and data contained in this sheet is accurate to the best of our knowledge or is obtained from sources, tests or experiences believed by us to be reliable and accurate. User is responsible for determining whether recommended ASV product is fit for a particular purpose. All products should be tested for suitability on a particular application prior to actual use. We make no representations of any kind. Data offered without warranty.