



Aerolube Technologies



Technical Data Sheet

HS RBL 33 Synthetic High Performance Grease for Smooth Lubrication of all Plain and Rolling Elements Under High Speeds and Low Temperatures

Product Description

Stanvac HS RBL 33 is a low-noise, high-speed grease for plain and rolling bearings. It consists of synthetic oil and lithium soap along with additives for protection from corrosion and oxidation. It is highly resistant to ageing and offers low internal friction. It reduces friction and wear, increases service life of the equipment and cuts down on lubrication costs by increasing re lubrication intervals.

Applications

- Stanvac HS RBL 33 grease is suitable for plain and rolling bearings, small and miniature bearings, low-noise and precision bearings, for precision mechanical and optical equipment and low temperature applications.

Benefits

- Extremely soft consistency
- Highly oxidation stable
- Water-resistant & prevents corrosion
- Lowers friction and operating noise levels
- Good corrosion protection
- Resistant to oxidation and ageing
- Very good low temperature performance

Directions for Use

Apply on all clean sliding surfaces by normal greasing methods i.e. by brush, grease gun or dispense via centralized lubrication systems. Do not mix with other oils or grease.

Available Packaging

1 Kg, 5 Kg

Shelf Life

36 months from date of manufacture in sealed condition.

General

Use in well ventilated areas. Avoid continuous breathing of vapor and spray mist. In closed areas or areas with poor ventilation, use respiratory protection. For complete details on safety, short and long term exposure, refer to this product's safety data sheet (SDS).

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TECHNICAL PROPERTY			
Parameter	Value	Unit	Standard
Type	High speed grease		
Appearance	Smooth grease, free from impurities		
Base oil	Low viscosity, synthetic fluid		
Thickener	Lithium soap		
Color ¹	Off whitish		
Penetration, worked	265-295	mm/10	ASTM D 217
NLGI consistency	2	Class	DIN 51 818
Drop point	+180	°C	ASTM D 566
Service temperatures	- 50 to +140	°C	
Speed factor	1,000,000	mm/min	
Water washout	<1.5	%	ASTM D 1264
SKF Emcor Corrosion Test	0		DIN 51 802
Oil separation, 24 h, 99°C	< 5		% by wt.

1. Minor color variation of the same product but of different batches could be possible. However the lubrication values remain unchanged.

Disposal

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

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. Safety data sheet is available from Aerolube or your local Aerolube distributor.

Limited Warranty

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 Stanvac 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. Product manufactured is for industrial use only.

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