

SP 500 Grease

Calcium sulfonate complex grease

Product description

High viscosity mineral oil thickened with premium grade calcium sulfonate complex soap.

Features & benefits

- Service temperature range of -20°C to +160°C (peaks to +180°C)
- Excellent EP & AW properties due to uniqueness of calcium structure
- Resistant to oxidation
- Protects from rust and corrosion
- Good load carrying capacity
- Excellent mechanical shear stability
- High drop point
- Exceptional lubrication at high temperatures
- Very good adhesion to metal surfaces
- Water resistant

Applications

- Excellent for use for bearings under slow to medium speeds and heavy loads especially if in contact with water
- Mining, agricultural, sugar, steel, marine, cement sectors

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.

Test	Unit	Result	Standard
Appearance		Solid, grease	Visual
Colour		Brown	Visual
Base oil		Mineral	Visual
Base oil viscosity @ 40°C	mm ² /s	~460	ASTM D-445
Thickener		Calcium sulfonate complex	In house
Penetration (worked, 60x)	mm/10	265-295	ASTM D-217
NLGI Class	Consistency	2	DIN 51 818
Drop point	°C	315	ASTM D-2265
Lower working limit	°C	-20	In house
Upper working limit	°C	160°C (peaks to +180°C)	In house
Four ball weld load	N	400	DIN 51 350 pt.4
Water washout (79°C)	%	<1.05	DIN 51 807 pt.1
Oil separation (100°C, 24h)	%	<3	DIN 51 818
Copper strip corrosion	Rating	1a	ASTM D-4048
DN value (dm x n)	mm/min	300,000	
SKF Emcor test	corr. degree	0 (None)	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:
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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.

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