

FMS 110 Grease

Multipurpose silicone grease for food processing machines

Product description

- silicone oil
- Inorganic thickener

Features & benefits

- **NSF H-1 Registration Certificate # 158628**
- Service temperature range from -40°C to +200°C
- Oxidation resistant, resistant to water, steam and humidity
- Good long-term stability without drying hardening or bleeding
- Low vapor pressure and low volatility
- Compatible with most EPDM plastics and elastomers
- Chemically inert and resistant to most chemicals, hot and cold water, dilute acids and alkalis, glycerine, ethanol, methanol, natural gas, ethylene glycol

Applications

- Lubricant for O-rings, rubbers, gaskets, miniature bearing seals
- Lubrication of pneumatic control valves, fire extinguishers and water softener valves
- Sealant and lubricant for glass joints and stopcocks in normal as well as high vacuum systems
- Lubricant for pressure lubricated plug valves, flow meter bearings, ceramic plug cocks
- Sealant for vacuum and pressure systems
- Sealant between synthetic rubber or plastic parts to prevent them from sticking in vacuum or pressure systems
- Damping media for dash pots in electrical and electronic equipment
- Assembly agent for holding rubbers and other parts due to its highly tacky nature
- All ingredients comply with regulations for food grade materials

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		Light gray	Visual
Base oil		Silicone	Visual
Thickener		Inorganic	In house
Penetration (worked, 60x)	mm/10	170-230	ASTM D-217
NLGI Class	Consistency	3-4	DIN 51 818
Density @ 20°C	g/cm ³	~1	ASTM D-1298
Drop point	°C	None	ASTM D-566
Lower working limit	°C	-40	In house
Upper working limit	°C	200	In house
Water resistance, static	Degree	0-90	DIN 51 807 pt.1
SKF Emcor test	corr. degree	3-4	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
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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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