

FMG 200

GREASE

Synthetic PFPE / PTFE Grease for Food Processing Machinery

Description

FMG 200 food grade grease is a perfluorinated polyether (PFPE) based lubricating grease for use in severe operating conditions of high temperature and aggressive chemical environments.

FMG 200 food grade grease exhibits excellent resistance to thermal degradation and offers excellent lubrication over a wide temperature range of -30 to +288°C.

FMG 200 grease exhibits extremely low evaporation loss at high temperatures increases re-lubrication intervals and reduces lubrication and associated maintenance costs thereof.

FMG 200 food grade grease is formulated using nontoxic ingredients and food grade additives and meets FDA and NSF H1 requirements for materials that may have incidental food contact.

NSF H-1 Registration Certificate # 158630.

Uses / Application

- Lubrication of seals made of metal and plastic in any
- parings
- Bearings exposed to high temperature
- Food processing machinery
- Breweries
- Pharmaceutical manufacturing machinery
- Medical equipment
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Directions for Use

Use as supplied. Never dilute or mix with oil or grease. Apply on all clean sliding surfaces by normal greasing methods i.e. by brush, grease gun or dispense via centralized lubrication systems. Replace cover after use.

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TECHNICAL PROPERTY			
Parameter	Value	Unit	Standard
Type	Synthetic grease with lubricating solids		
Appearance	Smooth buttery grease		Visual
Base oil	PFPE		In house
Thickener	Inorganic		In house
Solid lubricants	Inorganic		In house
Color ¹	White		Visual
Base oil viscosity @ 40°C	400-460	mm ² /s	ASTM D 445
Penetration, worked, lower limit	265	mm/10	ASTM D 217
Penetration, worked, upper limit	295	mm/10	ASTM D 217
NLGI Consistency	2	Class	DIN 51 818
Density, @ 25°C	1.9	g/cm ³	
Drop point	None	°C	ASTM D 566
Flash point	None	°C	
Speed-DN factor	300000	mm/min	
Service temperatures	-30 to +288	°C	
Bearing rust test, 24h @ 54°C	Pass		ASTM D 1743

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).

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 ASV or your local ASV distributor.

Available Packaging

1 kg

Shelf Life

36 months from date of manufacture in sealed condition.

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 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. Product manufactured is for industrial use only.

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