

FMG 500 GREASE

Grease for Food Processing Machinery

Product Description

FMG 500 is a NLGI Class 2 food grade grease based on premium quality NSF H1 registered base oils and an aluminum complex thickener. It inherently possesses excellent lubricating qualities along with a high degree of water resistance and is ideal for lubrication of almost any type of application requiring a food grade lubricant.

FMG 500 exhibits exceptional thermal and mechanical stability, high drop point and high load carrying capacity and provides high performance lubrication when subjected to high temperatures.

FMG 500 is ideally suited for lubrication of bearings operating under low to medium speeds under low to medium loads and exposed to extreme temperatures.

FMG 500 food grade grease is designed for use in a variety of industrial applications where regulations specify H1 grease for incidental food contact.

FMG 500 food grade grease is formulated using nontoxic ingredients and food grade additives and meets FDA and NSF H1 requirements.

Also available as FMG 500/00 semi fluid food grade grease for centralized lubrication or gear box applications.

Uses / Application

Food processing machinery
Breweries
Pharmaceutical manufacturing machinery
Cold Storage Units
Bearings
Chains
Slideways
Taps
Gearboxes
Joints
Springs
Cams
Rollers
Conveyors
Centralized lubrication systems

Benefits

- **NSF H-1 Registration Certificate # 162676**
- Extremely wide service temperature range of -20°C to +150°C
- Excellent resistance to water and water washout
- Extends re-lubrication intervals and cuts down lubricant consumption
- Combination of EP additives increase the load bearing capacity
- Offers good surface protection and corrosion inhibiting properties
- Very good performance under moderate to high loads and medium speeds under reciprocating motions
- Makes sliding smoother and reduces operational noise
- Increases wear life of the equipment & out performs conventional lubricants
- Good resistance to oxidation and corrosion

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.

FMG 500 GREASE

TECHNICAL PROPERTY			
Parameter	Value	Unit	Standard
Type	Food grade lubricant		
Appearance	Smooth grease		
Base oil	USP grade white oils		
Base oil viscosity, 40°C	100-150	mm ² /s	ASTM D 445
Thickener	Aluminum complex		
Color ¹	Whitish		
Penetration, worked	265-295	mm/10	ASTM D 217
NLGI consistency	2	Class	DIN 51 818
Drop point	+ 260	°C	ASTM D 566
Service temperatures	-20 to + 150	°C	
Four ball weld load	+ 315	kg	ASTM D 2596
Four ball weld scar	0.50	mm	ASTM D 2266
Rust Test	Pass	Rating	ASTM D 1743
Copper strip corrosion	1a	Rating	ASTM D 4048
Water washout	< 2	% by wt.	ASTM D 1264
Approvals	NSF H1 Registration Certificate # 162676		

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

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.

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Available Packaging

1 kg, 20 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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