



# THERMAPLEX® FOODLUBE BEARING GREASE

ThermaPlex® FoodLube is an NSF® registered H1 bearing grease engineered for the effective lubrication and protection of all types of ball, roller, and plain bearings in the food and other clean industries. It is a white extreme pressure (EP) grease with excellent water washout resistance and a wide operating temperature range.



Visit [www.lpslabs.com/LPS\\_icons.html](http://www.lpslabs.com/LPS_icons.html) for more information

## SPECIFICATION AND APPROVAL

Approved/Qualified to:

- Meets FDA Regulation 21 CFR 178.3570



## PACKAGE SIZES

Net Contents	Part No.
14 wt.oz. / 400 g cartridge	70114
5 gal. / 35 lb. (18.93 liters)	70106
16 gal. / 120 lb. (60.48 liters)	70135
55 gal. / 400 lb. (208 liters)	70155

## APPLICATIONS

- Blending Machines
- Carton Erectors
- Feed Belts
- Filling Equipment
- Frequent Wash Down Area
- Labeling Stations
- Wrapping Equipment

## FEATURES

- NSF® Registered H1 #117848
- Acceptable for use in Canadian Food Processing Establishments
- Uses only FDA listed ingredients
- Ensures safety in areas where incidental food contact may occur
- High degree of water washout resistance
- Excellent corrosion protection
- Very good load capacity
- Extends lubrication intervals
- Does not contain solvents or silicone
- Non-staining and non-emulsifying
- Metal Detectable Plastic Cap (see back for more details)

## PROPERTIES

Appearance/Physical State	Paste
4-Ball Weld Load	>250 kg
Base Oil Type	USP Grade White Mineral Oil
Base Oil Viscosity	580 SUS @ 100°F
	112 cst. @ 40°C
	11 cst. @ 100°C
Color	White
Copper Corrosion	1a/1b
Dropping Point °F(°C)	>450°F (232°C)
Flash Point °F(°C)	>446°F (230°C)
Flash Point Method	TCC
NLGI Grade	2
Odor	Mild Petroleum
Specific Gravity (water=1)	0.89-0.94 @20°C
Temperature Range	0°F (18°C) to 300°F (149°C)
Thickener Type	Aluminum Complex
Timken "OK" Load	40 lbs.
VOCs	0% per State & Federal Consumer Product Regulations
Water Washout	3.5%



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## METAL DETECTABLE PLASTIC COMPONENTS

(PATENT PENDING)



Scan to watch  
DETEX™  
Product Demo Video

LPS® DETEX™ Metal Detectable Plastic Components are designed to assist food processing plants in meeting strict HACCP requirements regarding the use of LPS® NSF® products.



- Cap → Universal blue color for all Metal Detectable plastic components easily identifies them as a non-food object.
- Highly visible NSF® labeling
- Premium quality product
- Tri-lingual labeling: English, Spanish, and French

FEATURES	BENEFITS
The blue plastic cap is Metal Detectable and capable of detection by most metal detection equipment.	Reduce concerns of food product contamination and assist with HACCP requirements.
The blue Metal Detectable plastic cap ingredients are GRAS listed (Generally Accepted As Safe - FDA 21 C.F.R. Sections 177 and 178).	Meets FDA requirements as an acceptable material for use in food processing plants.
Easily identified NSF® product labeling. NSF® H1 lubricants can have incidental food contact.	Distinct labeling helps to prevent use of non NSF® approved LPS® products in the food processing area.
Lithographed labels – LPS® does not use paper labels.	No chance of torn paper labels contaminating food as it is processed.

COMPONENT	EQUIVALENT TEST SPHERE SIZE
Cartridge Cap	>3.0 mm Ferrous

### NOTE:

1. Minimum detection limits will vary depending on individual customers' equipment and operating conditions. (See chart above)
2. Plastic component detection limits are based on whole components. Partial components may not be detectable due to detector limitations, partial component size, malfunctioning equipment and/or the type of food product undergoing processing.
3. LPS® Laboratories recommends that all components be tested prior to implementation (separately and included in the processed food product) and/or consult your specific metal detector equipment manufacturer directly.
4. Product shelf life, warranty, and material safety data sheets are available at [www.lpslabs.com](http://www.lpslabs.com). LPS® Laboratories is not responsible for use of this product inconsistent with its instructions and warnings.
5. LPS® Laboratories is not responsible for failure to detect components due to detector limitations and/or detector malfunctions. Refer to the metal detector manufacturer's design limitations, instructions, and warnings regarding the use, limitations, and proper maintenance of the equipment.

### HANDLING

Avoid contact with skin and eyes. Wash thoroughly after handling.

### STORAGE

Keep container sealed until ready for use. Keep container in a cool, well-ventilated area. Store between 40°F and 120°F (4.4°C and 49°C).

### DIRECTIONS

For use in areas where incidental food contact may occur or in applications where clean, non-toxic lubricants are preferred. Apply either manually or by a suitable applicator. It is recommended that ThermaPlex® FoodLube not be mixed with other greases. Do not add directly to food.

MATERIAL SAFETY DATA SHEETS AVAILABLE UPON REQUEST OR VISIT OUR WEB SITE: [WWW.LPSLABS.COM](http://WWW.LPSLABS.COM)

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