



WHITEBEAR GREASE

Greases for food machines

WHITEBEAR GREASE is comprised of an aluminum complex thickener and food grade white oils containing specially-blended additives. All ingredients of the **WHITEBEAR GREASE** meet Section 178-3570 of the US Food and Drug Administration regulations. **WHITEBEAR GREASE** is designed to lubricate food machinery and canning equipment, especially where incidental contact with the food may occur. **WHITEBEAR GREASE**, which is approved as NSF H-1, is high performance, multipurpose product that is white in color, odorless and water-resistant.

● SPECIAL FEATURES

1. Excellent anti-wear performance

WHITEBEAR GREASE provides good wear protection to help prolong machinery life.

2. Good Rust Protection and Water Resistance.

WHITEBEAR GREASE has excellent water resistance, so its penetration changes very little even when water becomes mixed with the grease. It also provides superior rust protection under steam atmosphere conditions.

3. Excellent Thermal Stability

WHITEBEAR GREASE, which is formulated with aluminum complex thickener, has high dropping point and can withstand higher temperatures. This grease can be used in a very wide temperature range, from -20°C to 160°C.

4. Excellent Pumpability

WHITEBEAR GREASE 0 has little pipe resistance, so it offers smooth feeding for centralized lubrication systems.

● APPLICATION

Designed to lubricate food machinery and canning equipment, especially where incidental contact with the food may occur.

● CAUTION

FDA requires that H1 lubricants with incidental food contact should not contaminate food at levels greater than 10 ppm.

● CONTAINERS

16kg cans

● Typical Properties of WHITEBEAR GREASE

Grade	0	1	2
Appearance	White buttery	White buttery	White buttery
Penetration(Worked 60 strokes)	379	324	289
Dropping point, °C	242	244	245
Oil separation(100°C,24h), mass%	8.6	3.2	0.3
Copper corrosion(100°C,24h)	No color change	No color change	No color change
High speed four ball test Weld load, N	4900	4900	4900
Corrosion preventive property EMCOR test : artifactual water	#0(no corrosion)	#0(no corrosion)	#0(no corrosion)
Water washing resistance (38°C, 1h) , mass%	8.0	5.8	3.9

Note: The typical properties may be changed without notice. (November 2011)



Handling Precautions

▼ Follow these precautions when handling this product.

! CAUTION Handling Precautions	<ul style="list-style-type: none">● <u>Inflammation can occur if grease enters the eyes.</u> When handling this grease, wear <u>protective goggles</u> or take other measures to <u>prevent eye contact</u>.● <u>Inflammation can occur if grease comes into contact with skin.</u> When handling this grease, wear <u>protective gloves</u> or take other measures to <u>prevent skin contact</u>.● Do not eat this grease. (Swallowing this grease can cause diarrhea and nausea.)● <u>When opening the container, wear protective gloves</u> in order to avoid cutting your hands.● <u>Keep out of reach of children.</u>● Read the Material Safety Data Sheet (MSDS) for this product before using the product. Obtain the Material Safety Data Sheet from where you purchased the product.
First Aid	<ul style="list-style-type: none">● In case of eye contact, rinse eyes thoroughly with clean water and consult with a physician.● In case of skin contact, wash skin thoroughly with soap and water.● If this grease is swallowed, do not induce vomiting. Consult with a physician immediately.
Disposal of Used Grease and Containers	<ul style="list-style-type: none">● Do not apply pressure to empty containers. The containers may burst if pressure is applied.● Do not weld, heat, drill, or cut the containers. The remaining grease may ignite and the containers may explode.● Follow all applicable laws and regulations when disposing of used grease or containers. If you are unsure of the proper disposal methods, consult first with the seller of the grease.
Storage Method	Seal the container tightly after use in order to prevent dirt, moisture, etc., from entering the grease. Store in a dark location. Avoid direct sunlight.