

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 can, Grades 1&2: 400 g bellows-type tube (20 pcs.)

● 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
Approx. operating temperature range, °C	-20 to 160		

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



Handling Precautions

▼ Follow these precautions when handling this product.

Composition :	Base Oil, Thickener, Additives
Precautionary pictograms:	
Signal word:	Warning
Hazard Statement:	May cause allergic skin reaction Suspected of damaging fertility or the unborn child Toxic to aquatic life Toxic to aquatic life with long lasting effects
Precautionary Statements:	
Prevention	<ul style="list-style-type: none">• Do not handle until all safety precautions have been read and understood.• Wear protective gloves/protective clothing/eye protection/face protection.• Do not allow the eyes to become exposed to the product. Do not swallow the product.• Contaminated work clothing should not be allowed out of the workplace.• Obtain special instructions before use.• Avoid breathing dust/fume/gas/mist/vapours/spray.• Wash hands thoroughly after handling.• Do not eat, drink or smoke when using this product.
Response	<ul style="list-style-type: none">• IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.• IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.• If the eyes are exposed to the product: Rinse the eyes with plenty of running water and immediately contact a physician.• IF ON SKIN: Wash with plenty of soap and water.• IF exposed or concerned: Get medical advice/attention.• Avoid release to the environment.• Take off contaminated clothing and wash before reuse.• If skin irritation or a rash occurs: Get medical advice/attention.• Collect spillage.
Storage	<ul style="list-style-type: none">• The product must be stored in a cool, well-ventilated location where it will not be exposed to direct sunlight.• Containers that have been opened must be tightly sealed.• Store locked up.
Disposal	<ul style="list-style-type: none">• Dispose of contents/container in accordance with local/regional/national/international regulations.• If there are any doubts about proper methods of handling the product, contact the point of purchase before proceeding with usage.