

Hexan resistant grease for Iichmann Conveyor

GREASE, specifically formulated for the lubrication of **extraction area** bearings and gears in edible oil processing plants, is a very unique lubricant: insoluble in most hydrocarbons (hexane), water resistant, and at the same time highly effective versus extreme heat. GREASE will not drip or run at any temperature. In addition, it has a USDA "H-I" rating which makes it acceptable for use in areas where incidental food contact may occur.

PRODUCT DESCRIPTION

GREASE is designed to give superior performance where the service fluids are hydrocarbons (such as hexane) or highly corrosive chemicals, **in addition to extreme moisture and temperature**. Historically, solvent greases are soluble in water and quickly "run" out of bearings at temperatures in the 120°F to 140°F range, thus defeating the value of providing solvent resistance where moisture is present and bearing seals are missing. GREASE will successfully combat all three conditions. By using a very unique synthetic base type oil in this premium product, an additional degree of lubricity and friction modification is obtained, not normally found in conventional greases.

APPLICATION

GREASE is an NLGI NO. 2 grease and can be utilized for the lubrication of plain and antifriction bearings operating in the lower to medium RPM range of 350°F. Because GREASE can successfully resist solvents, moisture, and extreme temperature, bearing remain full lubricated under severe conditions. Thus GREASE will increase extractor bearing life, reduce greasing frequency (thereby producing important savings), and most importantly, provide a **substantial degree of safety in the highly volatile hydrocarbon atmospheres associated with oil extraction. When used in packing-glands GREASE will eliminate all hexane leaks!**

When greases of different types are mixed, a chemical reaction usually takes place resulting in deterioration of the greases and subsequent failure of the bearing. This situation can easily be avoided when switching to GREASE as follows: purge the bearings slowly (those with exhaust plugs or purgable seals) until the amber color of is seen; or by increasing the greasing frequency for a short period of time so as to safely remove the old grease while keeping the bearings well lubricated. Exhaust plugs must be left open until operating temperatures are reached again and no excess grease is seen exiting the exhaust plug.

- SOLVENT (HEXANE) RESISTANT
- RESISTS WATER WASHING
- SUPERIOR LUBRICATION IN HIGHER TEMPATURE RANGES (250-550° f)
- AUTHORIZED BY USDA FOR USE IN FEDERALLY INSPECTED MEAT AND POULTRY PLANTS (RATED H-I)
- LOWERS OPERATING TEMPERATURES
- EXCELLENT PROTECTION AGAINT RUST & CORROSION
- GOOD MECHANICAL STABILITY
- WILL NOT MELT OUT OF BEARING

TYPICAL CHARACERISTICS

Typical characteristics are shown and may vary slightly.

CHARACTERISTIC	GREASE
NLGI No.	2
Structure/Texture	Smooth/Tacky
Thickener	Inorganic
Flash Point, °F	550 °F
Color	Amber
Max. Usable Temperature	450 F
Min. Usable Temperature	+10 F
Dropping Point	NONE
Viscosity of Base Oil (Centistokes at 25 C)	265-295 416
Pour Point of Oil	+20 F
Freeze Point of Oil	+10 F
Oil Base Type	Synthetic
Timken OK Load (lbs.)	35

Product available in 14.5 ou. Tubes

This product is acceptable as a lubricant with incidental food contact for use in official establishments operating under the Federal meat and poultry products inspection program. Such compounds may be used as lubricants or anti-rust films on equipment and machine parts in locations in which there is exposure of the lubricated parts to edible products. They may also be used as a release agent on gaskets or seals of tank closures. The amount used should be the minimum required to accomplish the desired technical effect on the equipment. If used as anti-rust films, the compounds must be removed from the equipment surface by washing or wiping as required to leave the surface effectively free of any substance which could be transferred to food being processed.

Acceptance of compounds by this Department is in no way to be construed as an endorsement of the compounds or of any claims made for them.

If any change is made in the labeling information or formulation, the authorization for use in official plants becomes void immediately.