

## TriboSys™ 223X Series Multi-Purpose Food Grade Greases

These food grade lubricants are comprised of FDA (Food & Drug Administration) approved ingredients in compliance with CFR, Title 21, Paragraph 178.3570 of the FDA guidelines. These virtually tasteless, odorless, nontoxic lubricants meet the demanding operating conditions of modern Food and Pharmaceutical facilities. They have exceptional anti-wear and load carrying abilities, while being fortified with approved oxidation inhibitors to maximize resistance to chemical changes, resulting in a longer protective life. These greases have exceptional resistance to gumming and the formation of the other harmful deposits, and are used extensively as anti-rust and anti-corrosion coatings for all types of surfaces located in production areas.

### 2230G

This grease is a multi-purpose bearing grease that possesses an excellent combination of temperature and loading carrying abilities, providing a tough, durable lubricating film between bearing surfaces. The non-melt feature gives maximum retention and mechanical stability in all bearing designs, guaranteeing extended bearing and shelf life.

**ADVANTAGES:** Odorless and Tasteless, Extends Lube Cycles, Extra Load Protection, Water Clear Color

### 2231G

This grease has a combination of medium viscosity synthetic base oils, anti-wear additives and high temperature solids. It is formulated to handle the mid-to-high ranges of speed and temperature. Exceptional resistance to heat and moisture and ideal for applications where drippage cannot be tolerated.

**ADVANTAGES:** Controlled Volatility Extends Lube Cycles, Medium to High Speeds, Plain, Journal and Anti-Friction Bearings, Lubricating Solids

### 2232G

A synthetic formula that provides extra protection in extreme temperature operating ranges. It is suitable for all low temperature jobs, such as cold storage and freezer equipment. Because of its durability in all applications, it can be used throughout plants as the all-purpose bearing grease.

**ADVANTAGES:** High Temperature Protection, Pliable Down to -65° F/-54° C, Anti-Wear Properties, Maximum Part Life, Extended Lube Cycles

### 2233G

An NSF/USDA registered grease that provides the ultimate in corrosion protection. Totally impervious to water, steam and salt water washout. This high performance Food Grade Grease contains no heavy metals and will operate over a wide temperature range. It has extreme pressure properties that excel when all Food Grade greases fail.

**ADVANTAGES:** Unsurpassed Corrosion Protection, Low Temperature Pumpability, Wide Operating Temperature Range, Excellent Oxidation Stability

### Typical Properties

Product	2230G	2231G	2232G	2233G
NLGI	2	2	2	2
Work Penetration @ 77°F/25°C	270-290	270-290	270-290	270-290
Base Oil Viscosity SUS (cSt)	485 (105)	750 (162)	469 (101)	579 (125)
Color	Clear	Clear	Clear	Tan
Solids	-	-	-	-
Thickener	Inorganic	Aluminum Complex	Inorganic	Calcium Sulfonate
Drop Point °F/°C	None	525/274	none	575/302
Water Resistance	Very Good	Excellent	Very Good	Excellent
Operating Range °F	-10/325	-15/375	-54/450	-40/425
°C	-23/163	-26/191	-48/232	-40/218