

## TriboSys™ 221X Series General Purpose Greases

This family of synthetically blended greases are formulated for a wide range of applications and for extremes of speed, temperature and pressure.

### 2210G

This grease has high quality fluids with an inorganic thickener to produce excellent temperature stability.

**ADVANTAGES:** Extends Lube Cycles, Extends Bearing and Shaft Life, Good for All Bearing Designs

### 2211G

This high temperature grease is formulated for universal multi-purpose use. This lithium complex based grease has an exceptionally high drop point and excellent cold weather pumpability making it desirable for multi-purpose applications. Its texture is tacky-fibrous to resist the wiping and squeezing actions present in plain bearings, bushing and sleeves.

**ADVANTAGES:** High Temperature Protection, Shear Stability, Water and Steam Resistant, Extreme Pressure and Wear, Elevated Temperature Protection, Attractive Red Color

### 2212G

This grease is a combination of synthetic fluids, high viscosity base oils, and special additives including a friction reducing molybdenum disulfide (MoS<sub>2</sub>) package.

**ADVANTAGES:** Impervious to Water and Steam Washout, Drop point Over 500 F/260 C, Resistant to mild chemicals: acids, alkaline, detergents, and soaps, Extreme Pressure and Anti-Wear Protection, Extends Equipment Life

### 2213G

This grease contains a Calcium Sulfonate base that provides inherent extreme pressure properties and unequalled protection against water, moisture, condensation, rust and corrosion attacks. It has exceptional oxidation and mechanical stability. The high drop point assures superior protection at continuous, elevated temperatures. It contains no heavy metals and has excellent compatibility with other greases.

**ADVANTAGES:** Excellent Rust and Corrosion Protection, High Drop Point, Water Resistant, Excellent in Corrosive Environment

### Typical Properties

Product	2210G	2211G	2212G	2213G
NLGI	2	2	2	2
Work Penetration @ 77°F/25°C	270-290	270-290	270-290	270-290
Viscosity				
cSt @ 40°C	193	165	262	162
cSt @ 100°C	19.9	17.5	24	17.5
SUS @ 100°F	894	764	1214	750
SUS @ 210°F	98	88	116	88
Color	Amber	Red	Gray	Tan
Solids	-	-	MoS <sub>2</sub>	-
Thickener	Inorganic	Lithium Complex	Aluminum Complex	Calcium Complex
Drop Point °F/°C	None	600/315	525/274	575/302
Timken Load Wear Test	35/75	30/65	34/75	34/75
OK Load, kg/lbs				
Water Resistance	Satisfactory	Excellent	Excellent	Excellent
Operating Range				
°F	-10/375	-30/325	-10/350	-30/425
°C	-23/190	-34/163	-23/177	-34/218