



SUPERIOR FG

EXTREME PRESSURE GREASE FOR FOOD MACHINERY

Superior FG is a multi-purpose extreme pressure (EP) grease designed specifically for the lubrication of food processing machinery. This type of equipment often operates under conditions that pose a challenge for lubricants. There can be extremes of temperature, load, and bearing speeds, all of which can affect wear. Water and cleaning chemicals can lead to contaminated grease and shortened bearing life. Superior FG is adhesive and highly water resistant. It is also shear-stable and will not liquify in higher-speed bearings.

Since greases contains dissolved oxygen, they are not good rust protectants. Superior FG is equipped with powerful anti-rust additives that keep bearings rust-free whether during shutdown or in operation.

All 3 grades meet the requirements of ASTM D-1743 for oxidation resistance.

BENEFITS:

- **WATER RESISTANCE** – repels washdown water and aqueous cleaners.
- **EXCELLENT WEAR PROTECTION** – as evidenced by the results of the Four Ball test for extreme pressure and wear resistance. (See data table below).
- **LOW TEMPERATURES** – The use of hydrotreated wax-free base oil ensures excellent low-temperature mobility.
- **HIGH TEMPERATURES** – NLGI 1 and 2 grades can be used up to 320°F (160°C)
- **FOOD GRADE** – formulated with components meeting the requirements of the US code of federal regulations #178.3570.

APPLICATIONS:

Superior FG has been designed for use in bushings and anti-friction bearings. It can also be used as an anti-rust coating.

ASTM #	CHARACTERISTICS			
	Grade	EP 00	EP 1	EP 2
D-217	Cone Penetration, (Worked)	400-430	310-340	265-295
D-2265	Dropping Point, °F (°C)	--	465 (240)	500 (260)
D-1264	Water Washout, % Loss	--	<5	<5
D-2596	Four Ball EP Weld Point, kg	315	315	315
	Thickener Type	Aluminum Complex	Aluminum Complex	Aluminum Complex

The above are typical values. Minor variations which do not affect product performance may be to be expected in normal manufacturing.

