

# 690 FG

## LUBRICANT

### APPLICATION AREAS

- *Food Processing*
- *Beverage Mfg. Equipment*
- *Bakery Equipment*
- *Pneumatic Equipment*
- *Metering Pumps*
- *Rollers*
- *Pharmaceutical*



### PRODUCT DATA SHEET

#### KEY FEATURES AND BENEFITS

- Conforms to FDA Standards (CFR 178.3620, 178.3570)
- Clear, colorless, odorless
- NSF Registered H1 Registration number - 133969 (bulk) and 133933 (aerosol)
- Pinpoint spray means no product waste
- Reduce labor and maintenance costs
- Save production time and excess product costs

#### PACKAGING

Aerosol  
1 Gallon/3.8L  
20L  
208L

#### DIRECTIONS

690 FG Lubricant can be applied from bulk containers or with the pinpoint aerosol spray. When using the aerosol spray, apply evenly and allow just one minute for deep penetration. Reapply later as needed.

#### DESCRIPTION

Chesterton® 690 FG Lubricant is a high quality, cost effective penetrating lubricant. Used in food processing, beverage and pharmaceutical plants, 690 FG Lubricant can go where few products have gone before. The product's ultra-high purity makes it ideal wherever incidental food contact can occur, and its nonstaining features allow it to be used wherever cleanliness is critical. 690 FG Lubricant has excellent capillary action: It effectively creeps between close tolerances and provides lubrication to otherwise oil-starved areas. Its smooth lubricating film stops noise and reduces friction and wear on all types of moving equipment, thereby saving costly breakdowns and shutdowns as well as the costs for replacement parts. NSF H1 registered and comply with Food and Drug Administration (FDA) additives regulations for incidental food contact numbers 178.3620 and 178.3570. The product can be used in all federally inspected meat and poultry plants, beverage bottlers and pharmaceutical plants.



#### TYPICAL PHYSICAL PROPERTIES

Appearance	Clear, liquid
Flash Point C.O.C. (ASTM D 92, ISO 2592)	171°C (340°F)
Specific Gravity 20°C (68°F)	0.88
Odor	None
ISO VG (ASTM D 2422, DIN 51 519)	22
Viscosity (ASTM D 445, DIN 51 561) @ 40°C (104°F) cSt (mm <sup>2</sup> /s)	22
Four Ball Wear Test (ASTM D 2266, DIN 51 350) , 1hr, 75°C, 1200RPM	
Scar Diameter	0.44 mm
Load Wear Index	31.62
Weld Load	1236 N, 126 kg (277 lbs)
Pour Point (ASTM D 97, ISO 3016)	-40°C (40°F)
Operating Temperature	-9°C to 120°C (15°F to 250°F)
Pin & Vee Block (ASTM D 3233)	
Failure Load, Max	5573N, 568 kg (1250 lbs)
Coefficient of Friction	0.08

Before using this product, please refer to Safety Data Sheet (SDS).