

690FG(E)

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 - 163808 (bulk) and 156629 (aerosol)
- Halal Approved (bulk)
- Kosher Approved (bulk)
- Pinpoint spray means no product waste
- Reduce labor and maintenance costs
- Save production time and excess product costs

PACKAGING

Aerosol
 5L
 20L
 208L

DIRECTIONS

690FG(E) 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® 690FG(E) Lubricant is a high quality, cost effective penetrating lubricant. Used in food processing, beverage and pharmaceutical plants, 690FG(E) 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. 690FG(E) 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)	170°C (338°F)
Specific Gravity 20°C (68°F)	0.83 - 0.85 g/cc
Odor	None
Viscosity (ASTM D 445, DIN 51 561) @ 40°C (104°F) cSt (mm ² /s)	22
Four Ball Wear Test (ASTM D 2266, DIN 51 350), 1hr, 75°C (167°F), 1200RPM Scar Diameter	Scar 0.44 mm
Weld Load	1236 N, 126 kg (277 lbs)
Pour Point (ASTM D 97, ISO 3016)	-15°C (5°F)
Operating Temperature	-15°C to +120°C (5°F to 248°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).

