



## **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 51 20L 2081

# 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.

TYPICAL PHYSICAL PROPERTIES

### 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.

| Appearance                               |
|--|
| Flash Point C.O.C. (ASTM D 92, ISO 2592) |
| Specific Gravity 20°C (68°F)             |
| Odor                                     |

| Odor   Nor     Viscosity (ASTM D 445, DIN 51 561)   0     @ 40°C (104°F) cSt (mm²/s)   2     Four Ball Wear Test (ASTM D 2266, DIN 51 350),   2     Ihr, 75°C (167°F), 1200RPM   5     Scar Diameter   Scar 0.44 mi     Weld Load   1236 N, 126 kg (277 lb     Pour Point (ASTM D 97, ISO 3016)   -15°C (5°     Operating Temperature   -15°C to +120°C (5°F to 248°     Pin & Vee Block (ASTM D 3233)   5573N, 568 kg (1250 lb | Flash Point C.O.C. (ASTM D 92, ISO 2592)    | 170°C (338°F)                            |
|---|---|--|
| Viscosity (ASTM D 445, DIN 51 561)   @ 40°C (104°F) cSt (mm²/s)   Four Ball Wear Test (ASTM D 2266, DIN 51 350),   1hr, 75°C (167°F), 1200RPM   Scar Diameter   Weld Load   Pour Point (ASTM D 97, ISO 3016)   -15°C to +120°C (5°F to 248°   Pin & Vee Block (ASTM D 3233)   Failure Load, Max   | Specific Gravity 20°C (68°F)                | 0.83 - 0.85 g/cc                         |
| @ 40°C (104°F) cSt (mm²/s) 2   Four Ball Wear Test (ASTM D 2266, DIN 51 350), 1   1hr, 75°C (167°F), 1200RPM Scar 0.44 mi   Scar Diameter Scar 0.44 mi   Weld Load 1236 N, 126 kg (277 lb   Pour Point (ASTM D 97, ISO 3016) -15°C (5°   Operating Temperature -15°C to +120°C (5°F to 248°)   Pin & Vee Block (ASTM D 3233) 5573N, 568 kg (1250 lb   | Odor  | None                                     |
| 1hr, 75°C (167°F), 1200RPM Scar 0.44 mi   Scar Diameter Scar 0.44 mi   Weld Load 1236 N, 126 kg (277 lb   Pour Point (ASTM D 97, ISO 3016) -15°C (5°   Operating Temperature -15°C to +120°C (5°F to 248°   Pin & Vee Block (ASTM D 3233) 5573N, 568 kg (1250 lb  |   | 22                                       |
| Operating Temperature-15°C to +120°C (5°F to 248°)Pin & Vee Block (ASTM D 3233)5573N, 568 kg (1250 lbFailure Load, Max5573N, 568 kg (1250 lb  | 1hr, 75°C (167°F), 1200RPM<br>Scar Diameter | Scar 0.44 mm<br>1236 N, 126 kg (277 lbs) |
| Pin & Vee Block (ASTM D 3233)<br>Failure Load, Max 5573N, 568 kg (1250 lb   | Pour Point (ASTM D 97, ISO 3016)            | -15°C (5°F)                              |
| Failure Load, Max 5573N, 568 kg (1250 lb  | Operating Temperature                       | -15°C to +120°C (5°F to 248°F)           |
|   | Failure Load, Max                           | 5573N, 568 kg (1250 lbs)<br>0.08         |

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



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Nonfood Compounds Program Listed H1 BEG. NO. 163808

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690FG(E) - LUBRICANT - ENGLISH

Clear, liquid

17000 (0000E)



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