



# 625

## CXF

### APPLICATION AREAS

- All types of anti-friction bearings, roller bearings and ball bearings
  - Grease Lubricated Chains
  - Gears and Cams
- Feeders, Mixers, Agitators
  - Guides/Slides
  - Valves



### PRODUCT DATA SHEET

#### KEY FEATURES AND BENEFITS

- Virtually impervious to water and steam
- Water and corrosion resistant
- NSF H1 - Registration number 138414
- Conforms with FDA regulations 178.3570
- Non-staining

#### PACKAGING

- 400g
- 18kg
- 55kg
- 180kg

#### DIRECTIONS

Apply with a grease gun, or brush on for local applications. Before using, wipe grease fittings to remove contamination. Keep grease container closed when not in use. Reapply at regular intervals.

#### DESCRIPTION

Chesterton® 625 CXF as a premium quality, water resistant grease, 625 will not be removed even in severe water washout situations. Superior resistance to washout by water, caustics, sanitizing cleaners, process fluids and steam has been combined with high purity USP White Mineral Oil to produce 625 CXF suitable for Food, Beverage and Pharmaceutical use. With a dropping point of 318°C (604°F), it will not melt and run out within recommended operating parameters. 625 is NSF Registered H1 and complies with FDA regulations 178.3570. It can be the exclusive lubricating grease used in food, beverage, meat, poultry and pharmaceutical plants. Chesterton 625 CXF is virtually non-staining, tasteless, and odorless. It is ideal as a maintenance or production lubricant used in food processing equipment, mixing, filling, packaging and production machinery. Chesterton 625 contains no animal fats or oils which could become rancid and support biological growth. Further, it contains no heavy metals which could mandate hazardous warnings and restrict use.

#### TYPICAL PHYSICAL PROPERTIES

Appearance	Light tan
Consistency, NLGI	2
Texture	Smooth, buttery
Thickener	Proprietary, non-melting, sulfonate complex
Specific Gravity @ 25°C (77°F)	0.95-1.05
Dropping Point (ASTM D 2265, DIN 51 801/1)	318°C (604°F)
Penetration (ASTM D 217, DIN ISO 2137)	265-295
Four Ball Wear Test (ASTM D 2266, DIN 51 350/5) Scar Diameter	0,38 mm
Four Ball Wear Test (ASTM D 2596, 51 350/4) Weld Load, Kg (N) Load Wear Index	620 kg (6080 lbs) 92
Operating Temperature (above 170°C, increased lubrication frequency is required)	-30°C (-22°F) to 240°C (400°F)
Water Washout (ASTM D 1264) @ 80°C	< 0.05%
Shear Stability (ASTM D217), % Change 10,000 strokes 100,000 strokes	-1.0% 0.2%
Oil Separation (ASTM D 1742), % loss	0.2%
Wheel Bearing Life (ASTM D 2527)	180 hrs
Corrosion Resistance (ASTM B 117), 5% NaCl	>1000 hrs @ 50 micron film thickness

The information continues on page 2

# 625

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Lubricating Additives	non-heavy metal, extreme pressure and antiwear, anti-fretting additives, surface reactive anti rust and corrosion additives, oxidation inhibitors
Bomb Oxidation (ASTM D 942) psi drop, 1000hrs	9
Copper Corrosion (ASTM D 4048, DIN 51 81 1)	0/1B
ISO/DIN Classification	ISO-L-XC E I B2/DIN 51 502-K LP 2 P1-30
Base Oil Viscosity (ASTM 445)	
@ 40°C	95 cSt
@ 100°C	11 cSt
Viscosity Index, VI	97

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



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