

Chesterton 625 CXF Corrosion Resistant, Extreme Pressure Grease -Food Grade

Category : Fluid , Lubricant

Material Notes:

Description: 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 Chesterton® 625 CXF suitable for Food, Beverage and Pharmaceutical use. As a premium quality, water resistant grease, 625 will not be removed even in severe water washout situations. 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. Grease stains on floors and packaging equipment can be substantially reduced. Use 625 to lubricate packaging machinery and paper converting equipment. Chesterton 625 CXF is essentially 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. **Features:** Virtually impervious to water and steam USP White Oil Base Fluid Smooth, Buttery Texture Adheres to Metal Water and Corrosion resistant NSF H1 - Registration number 138414 FDA Compliant Virtually Tasteless and Odorless Speed Rating, DN to 500,000 **Suggested Uses:** Use in all applications where conventional greases break down under shear, thermal abuse, shock loading and water contaminating. Chesterton 625 CXF can be used wherever food-grade grease is required. **Applications:** Lubrication of slides, guides, plain bearings and bushings All types of anti-friction bearings, roller bearings and ball bearings Grease-lubricated chains Gears and cams Motor Operated Valves Couplings, joints and splined shafts And other moving parts of equipment used in the manufacture of food, drugs, cosmetics, beverages such as: bottle and carton fillings, Paste and sauce fillers, Conveyer belts and rollers, Feeders, mixers and agitators and Canning machines, seamers. **Lubricating Additives:** Non Heavy Metal, Extreme Pressure and Anti-Wear, Anti-Fretting Additives, Surface Reactive Anti-Rust and Corrosion Additives, Oxidation Inhibitors **Information provided by Chesterton**

Order this product through the following link:

http://www.lookpolymers.com/polymer_Chesterton-625-CXF-Corrosion-Resistant-Extreme-Pressure-Grease-Food-Grade.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.950 - 1.05 g/cc	0.950 - 1.05 g/cc	
Viscosity Measurement	97	97	Base Oil; ASTM D445
Kinematic Viscosity at 40°C (104°F)	95 cSt	95 cSt	Base Oil; ASTM D445
Kinematic Viscosity at 100°C (212°F)	11 cSt	11 cSt	Base Oil; ASTM D445

Mechanical Properties	Metric	English	Comments
Four Ball Extreme Pressure, Load Wear Index	92	92	ASTM D2596, DIN 51 350/4
Four Ball Extreme Pressure, Weld Load	620 kg	1370 lb (mass)	ASTM D2596, DIN 51 350/4
Four Ball Wear	0.380 mm @Temperature 75.0 °C,	0.0150 in @Temperature 167 °F,	1200 rpm, 40 kg, scar diameter; ASTM D2266, DIN 51 350/5

Mechanical Properties	Time 3600 sec Metric	Time 1.00 hour English	Comments
Penetration	265 - 295	265 - 295	ASTM D217, DIN ISO 2137
Oil Separation	0.20 %	0.20 %	loss; ASTM D1742
Timken Test	29500 g	65.0 lb	ASTM D2509

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	204 °C	399 °F	
Minimum Service Temperature, Air	-30.0 °C	-22.0 °F	
Dropping Point	318 °C	604 °F	ASTM D2265, DIN 51 801/1

Descriptive Properties	Value	Comments
Bearing Life	180 hrs	ASTM D3527
Bomb Oxidation	9 psi drop	1000 hrs, ASTM D942
Color	Light Tan	
Consistency	2	NLGI, DIN 51 818
Copper Corrosion	0/1B	ASTM D4048, DIN 51 811
Corrosion Resistance	>1000 hrs	@ 50 microns film thickness, 5% NaCl, ASTM B117
Oil Base	USP White, Food Grade Mineral Oil	
Texture	Smooth, Buttery	
Thickener	Proprietary, Non-Melting, Sulfonate Complex	
Water Washout Resistance	<0.05%	@79°C, ASTM D1264
Worked Stability	-0.01	10000 Strokes, ASTM D217
	-0.025	10000 Strokes, ASTM D217

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