

630

SXCF

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 138415
- Conforms with FDA regulations 178.3570
- Non-staining
- Synthetic base fluid

PACKAGING

400g
18kg
55kg

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 630 Synthetic, Extreme Pressure & Corrosion Resistant Grease Food Grade (SXCF) is a premium quality, water, corrosion and pressure resistant grease that 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. 630 SXCF offers unique corrosion protection, more than 10 times longer protection against rust than conventional food greases when measured by ASTM standard test methods. 630 SXCF is NSF Registered and complies with FDA regulations 178.3570. It can be the exclusive lubricating grease used in food, beverage, meat, poultry and pharmaceutical plants. Chesterton 630 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
Timken OK Load (ASTM D 2509)	27.2 kg (60 lbs)
Four Ball Wear Test (ASTM D 2266, DIN 51 350/5) Scar Diameter 40kg, 1200 rpm, 75°C, 1hr	0,42 mm
Four Ball Wear Test (ASTM D 2596, DIN 51 350/4) Weld Load, Kg (N) Load Wear Index	620 kg (6080 lbs) 92
Operating Temperature (above 180°C, increased lubrication frequency is required)	-40°C (-40°F) to 240°C (464°F)
Water Washout (ASTM D 1264) @ 80°C	0.05%
Shear Stability (ASTM D 217), % Change 10,000 strokes 100,000 strokes	-1.0% -2.8%
Oil Separation (ASTM D 1742), % loss	0.1%
Wheel Bearing Life (ASTM D 3527)	280

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Corrosion Resistance (ASTM B 117), 5% NaCl	>1000 hrs @ 50 micron film thickness
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	4
Copper Corrosion (ASTM D 4048, DIN 51 811)	0/1B
ISO/DIN Classification	ISO-L-XD F I B2/DIN 51 502-K LP 2 HC
Base Oil Viscosity (ASTM 445)	
@ 40°C	50 cSt
@ 100°C	8.5 cSt
Viscosity Index, VI	145

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