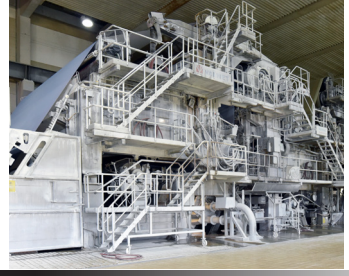
CHESTERTON
Global Solutions, Local Service.

630

SXCF 220 #1

Synthetic, Corrosion Resistant Machinery Grease







PRODUCT DATA SHEET

APPLICATION AREAS

- Uniquely Suited for Medium to Large Bore Bearings
- Designed for Wet, Hot, Corrosive Services
- Feeders, Mixers, Agitators
- Conveyor Rollers
- Grease Lubricated Chains and Sprockets
- Gears and Cams
- Guides/Slides
- Motor Drive Valves
- Conveyor Drives
- Rotary Filling, Can Seemers, Bottle Washers



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

KEY FEATURES AND BENEFITS

- Heat-stable 100% synthetic base stock
- Pumpable, non-clogging NLGI #1
- Calcium sulfonate complex technology improves resistance to water wash out and spray off
- NSF H1 - Registration number 157133
- Contains no animal fats or oils
- For use in food and non-food industries

PACKAGING

400 g, 18 kg, 55 kg, 180 kg

DIRECTIONS

Apply with a grease gun or automatic dispensers. Before using, wipe grease fittings to remove contamination. Keep grease container closed when not in use. Reapply at regular intervals.

DESCRIPTION

Chesterton® 630 SXCF 220 #1 is a high base oil viscosity, high-performance synthetic grease that has excellent corrosion protection with superior resistance to water washout and spray off. It has a dropping point of 316°C (600°F), and excellent shear stability. It performs at temperatures well beyond that of most conventional petroleum greases. 630 SXCF 220 #1 will continue to lubricate even in the presence of heat, steam, hot water wash downs.

Uses of Chesterton 630 SXCF 220 #1 can be found throughout any industrial plants. It is especially advantageous where there are high temperatures and water environments such as in a pulp and paper mill, high moisture and water exposure such as in water/wastewater, marine, oil and gas applications, and extreme pressure such as in mining operations. 630 SXCF 220 #1 is NSF H1 registered and complies with FDA 178.3570 for use in food, beverage, and pharmaceutical processing equipment.

TYPICAL PHYSICAL PROPERTIES

Appearance	Off white
Consistency, NLGI	1
Texture	Smooth, buttery
Thickener	Proprietary, non-melting, sulfonate complex
Specific Gravity @ 25°C (77°F)	1.05
Viscosity ASTM D445, DIN 51 561 @ 40°C @ 100°C	 220 cSt 25 cSt
Dropping Point (ASTM D 2265, DIN 51 801/1)	316°C (600°F)
Penetration (ASTM D 217, DIN ISO 2137)	310 – 340
Four Ball Wear Test (ASTM D 2266, DIN 51 350/5) Scar Diameter 40 kg, 1200 rpm, 75°C, 1hr	0.45 mm
Four Ball Wear Test (ASTM D 2266, DIN 51 350/4) Weld Load Load Wear Index	 400 kgf (3923 N) 53
Operating Temperature (above 180°C, increased lubrication frequency is required)	-40°C (-40°F) – 240°C (464°F)
Water Spray Off (ASTM D 4049)	30%
Water Washout (ASTM D 1264) @ 79°C	1%
Shear Stability (ASTM D 217), Change 10000 strokes 100000 strokes (estimated)	 <3.0 <4.0
Oil Separation (ASTM D 1742), % loss	<0.5%
Corrosion Resistance (ASTM B 117), 5% Nacl	>1200 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 pressure drop 100 hrs 1000 hrs (estimated)	 <1 6
Copper Corrosion (ASTM D 4048, DIN 51 811)	1B
ISO/DIN Classification	ISO L X CF I B1 / DIN 51 502 K-LP 1 HC R1-40

630
SXCF 220 #1

CHESTERTON GREASE SELECTION GUIDE

Technical Specifications and Features

AWC Grease	NLGI	ISO VG	NDm	Temperature	Water	Corrosion	Load/Vibration	Oil Bleed
613 Moly Grease	2	150	100 – 400	✓+	✓+	✓	✓+	✓+
615 HTG #1	1	100	70 – 300	✓+	✓++	✓++	✓++	✓++
615 HTG #2	2	100	70 – 300	✓+	✓++	✓++	✓++	✓++
615 HTG #2 460	2	460	<70	✓+	✓++	✓++	✓++	✓++
622 White Grease	2	100	50 – 300	✓+	✓+	✓+	✓	✓+
625 CXF	2	100	70 – 300	✓+	✓++	✓++	✓++	✓++
629 HTWG	2	220	50 – 300	✓+	✓++	✓+	✓	✓++
630 SXCF*	2	46	150 – 800	✓++	✓++	✓++	✓++	✓++
630 SXCF 220 #1	1	220	50 – 300	✓++	✓++	✓++	✓+	✓+
633 SXCM*	1	32	200 – 800	✓++	✓+	✓+	✓++	✓+
635 SXC	2	100	100 – 500	✓++	✓++	✓++	✓++	✓++

nDm x1000
* 630 and 633 for high speed and or temperatures < 0°C, 32°F
NLGI #1 preferred for multi point, central lube lines

✓++ – Best ✓+ – Better ✓ – Good

Application Recommendation

AWC Grease	Electric Motors	Conveyors	Pumps	Mixers/Agitators	Machinery
613 Moly Grease	✓	✓++	✓++	✓++	✓+
615 HTG #1	✓+	✓+	✓+	✓+	✓++
615 HTG #2	✓+	✓+	✓++	✓+	✓++
615 HTG #2 460	✓	✓++	✓++	✓++	✓++
622 White Grease	✓	✓+	✓+	✓+	✓+
625 CXF	✓++	✓+	✓++	✓++	✓++
629 HTWG	✓	✓	✓	✓	✓+
630 SXCF*	✓++	✓+	✓+	✓+	✓++
630 SXCF 220 #1	✓+	✓++	✓++	✓++	✓++
633 SXCM*	✓+	✓	✓+	✓	✓++
635 SXC	✓++	✓+	✓++	✓+	✓++

✓++ – Best ✓+ – Better ✓ – Good

nDm x1000
* 630 and 633 for high speed and or temperatures < 0°C, 32°F
NLGI #1 preferred for multi point, central lube lines

860 Salem Street, Groveland, MA 01834 USA
978-469-6888 chesterton.com

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