

635

SXC

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
- Compatible with most elastomers and seals
- Outstanding extreme pressure resistance
- Synthetic base fluid

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® 635 Synthetic Extreme Pressure & Corrosion Resistant Grease is the one grease to use for the most demanding lubricating needs. It is a multi-purpose workhorse with outstanding extreme pressure and anti-wear capabilities, unsurpassed shear stability, temperature and corrosion resistance. As a premium quality, water resistant grease, 635 will not be removed even in severe water washout situations. Chesterton 635 can be used in steam and direct water contact services. Up to 50% water contamination will not diminish properties of Chesterton 635. With a dropping point of 318°C (604°F), it will not melt and run out even at high speeds or under heavy loads. 635 SXC is unsurpassed in its ability to extend bearing life, reduce equipment repairs and improve operational efficiency of grease lubricated equipment. Uses for 635 SXC can be found throughout any industrial plant or process. It is especially advantageous where there is exposure to high humidity, corrosive vapors and shock loading or vibration as found in pulp and paper mills, mining operations, power generating plants, steel mills and metal forming operations.



TYPICAL PHYSICAL PROPERTIES

Appearance	Light blue/green
Consistency, NLGI	2
Texture	Smooth, buttery
Thickener	Proprietary, patent protected, 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
Oil Base	PAO synthetic
Timken OK Load (ASTM D 2509)	29.5 kg (65 lbs)
Four Ball Wear Test (ASTM D 2266, DIN 51 350/5) Scar Diameter 40kg, 1200 rpm, 75°C, 1hr	0,40 mm
Four Ball Wear Test (ASTM D 2596, DIN 51 350/4) Weld Load, Kg (N) Load Wear Index	800 kg (7845 lbs) 130
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%

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Shear Stability (ASTM D 217), % Change	
10,000 strokes	-1.0%
100,000 strokes	-4.5%
Oil Separation (ASTM D 1742), % loss	0%
Wheel Bearing Life (ASTM D 3527)	240
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	6.0
Copper Corrosion (ASTM D 4048, DIN 51 811)	0/1B
ISO/DIN Classification	ISO-L-XD F I B2/DIN 51 502-K LP 2HC R1-40
Base Oil Viscosity (ASTM 445)	
@ 40°C	98 cSt
@ 100°C	14 cSt
Viscosity Index, VI	146

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