



720 CCG

CHAIN, CABLE, GEAR LUBRICANT

Extreme Pressure, Water and Corrosion Resistant Lubricant

APPLICATION AREAS

- Chain Drives/Sprockets
- Small Pitch Open Gears
 - Hoists/Cranes
 - Oven Chains
- Wire Ropes/Cables
- Chain Conveyors
- Worm Drive Gearboxes
- Motor-Operated Valves

PRODUCT DATA SHEET

KEY FEATURES AND BENEFITS

- Lubrication and protection in one product
- Polymer-modified synthetic base
- Self-adhering, non-dripping lubricant
- High-pressure resistant; reduces wear, and extends equipment life
- Shear stable lubricant
- Water and corrosion resistant
- Light color, translucent film
- NSF registered H1

PACKAGING

475 ml, 20 L, 208 L

DIRECTIONS

For best results, apply directly to clean, dry surfaces. Clean with a suitable Chesterton degreaser. Apply Chesterton® 720 Chain, Cable, Gear (CCG) manually by squirt oiler, brush, or automatic dispensers.

DESCRIPTION

Chesterton® 720 CCG is a multi-use, off-white translucent, polymer-modified synthetic lubricant. It can be used in applications requiring a high-pressure resistances and durable film to cushion, quiet, and protect equipment.

Due to high shear strength and self-adhering film, 720 CCG will not fling off or extrude like ordinary oils and greases.

Chesterton 720 CCG forms a robust “wear shield” which stays in place even under the most extreme pressures. The contact surfaces are cushioned, thereby, extending life of chains, sprockets, wire ropes, and gear drives.

720 CCG lubricant's anti-corrosion action and water resistance protect chains, wire ropes, and gears exposed to moisture and corrosive liquids and vapors, far exceeding conventional grease technology.

It can be used in applications where NSF H1 certification is required.

TYPICAL PHYSICAL PROPERTIES

	720 CCG	720 CCG with Diluent
Appearance	Off-white	Off-white
Odor	Mild	Mild
Texture	Tacky, Semi-Fluid Grease	Tacky, Thixotropic Fluid
Consistency, NLGI	Softer than 000	N/A
Penetration, mm/10 (ASTM D 217, DIN ISO 2137)	>475	N/A
Thickener	Calcium Sulfonate Complex	Calcium Sulfonate Complex
Base Oil Viscosity (ASTM D 445) @ 40°C @ 100°C ISO VG (ASTM D 2422)	707 cSt 57 cSt 680	707 cSt 57 cSt 680
Apparent Viscosity, Brookfield, @25°C	150000 cPs	6200 cPs
Operating Temperature*	-20°C – 215°C (-4°F – 419°F)	-20°C – 215°C (-4°F – 419°F)
Four Ball Weld (ASTM D 2596, DIN 51 350/4 Weld Load)	800 kgf (1763 lbf)	800 kgf (1763 lbf)
Four Ball Wear (ASTM D 2266, DIN 51 350/5) Scar Diameter	0.57 mm	0.57 mm
Corrosion Resistance, 5% NaCl (ASTM B117)	>1000 hrs. @50 micron thickness	>1000 hrs. @50 micron thickness
Copper Corrosion (ASTM D 4048)	1B	1B
Solubility in Water	None	None
Flash Point (ASTM D 93, closed cup)	>115°C (239°F)	62°C (144°F)
Specific Gravity 20°C (68°F)	0.91	0.91



NSF

Nonfood Compounds Program Listed H1

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

*For operating temperature more than 150°C (302°F), more frequent lubrication is required.

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Form No. EN351066

720 CCG Product Datasheet – English

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