



# 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

Aerosol, 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)<br>@ 40°C<br>@ 100°C<br>ISO VG (ASTM D 2422) | 707 cSt<br>57 cSt<br>680           | 707 cSt<br>57 cSt<br>680           |
| Apparent Viscosity, Brookfield, @25°C  | 150000 cPs                         | 6200 cPs                           |
| Operating Temperature*   | -20°C to 215°C<br>(-4°F to 419°F)  | -20°C to 215°C<br>(-4°F to 419°F)  |
| Four Ball Weld (ASTM D 2596, DIN 51 350/4<br>Weld Load                       | 800 kgf (1763 lbf)                 | 800 kgf (1763 lbf)                 |
| Four Ball Wear (ASTM D 2266, DIN 51 350/5)<br>Scar Diameter                  | 0.57 mm                            | 0.57 mm                            |
| Corrosion Resistance, 5% NaCl (ASTM B117)                                    | >1000 hrs. @50 micron<br>thickness | >1000 hrs. @50 micron<br>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 (320°F), more frequent lubrication is required.

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Form No. EN351066

720 CCG Product Datasheet – English

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