660

SILICONE LUBRICANT

CHESTERTON®
Global Solutions, Local Service.

Description

Chesterton 660 Silicone Lubricant is a clean, clear, silicone fluid which will provide continuous film lubrication for mechanical parts and sliding surfaces constructed of plastic, rubber or metal.

Wherever porous synthetics, plastics, rubber, neoprene, wood etc. come into contact with other materials, 660 Silicone Lubricant quickly penetrates surfaces to lubricate, prevent sticking and reduce wear.

The product leaves a slippery, clean film which will not stain or leave gummy residues. It will stay where it is applied and not readily be squeezed out.

Chesterton 660 Silicone Lubricant is quite versatile for both high and low temperature applications. The product is effective from -40°C to 205°C (-40°F to 400°F). It is invaluable as a lubricant where petroleum oils cannot be used.

Composition

Chesterton 660 Silicone Lubricant is comprised of clean, non-staining silicone fluid. The base stock of the material provides light hydrogen bonding that keeps the lubricant from squeezing out under pressure. The chemically stable structure of the silicone means that it resists oxidation and chemical attack. Unlike other synthetic lubricants which can hydrolyze over time when exposed to water, the 660 Silicone Lubricant will repel water and resist hydrolysis. Silicones are inherently hydrophobic and 660 Silicone Lubricant imparts water resistance to everything lubricated with the product.

Typical Physical Properties

Appearance	Clear, colorless
Viscosity	500 centistokes
Density	0,7 kg/l (6.2 lbs/gal)
Specific Gravity	0,7
Service Range	-40°C to 205°C (-40°F to 400°F)

All of the raw materials used in 660 Silicone Lubricant are of extremely high purity. They are NSF registered and comply with Food and Drug Administration (FDA) additives regulations for incidental food contact numbers 181.28, 178.3910 and 178.3570. The product is rated as an H1 lubricant and can be used in all federally inspected meat and poultry plants, beverage bottlers and pharmaceutical plants.

Features

- Broad temperature range.
- NSF H1 - Registration number 133932 (bulk) and 133970 (aerosol).
- Complies with FDA regulations for incidental food contact.
- Makes surfaces water resistant.
- Clean, non-staining.
- Penetrates fine tolerances.
- Long lasting.

Applications

Use Chesterton® 660 Silicone Lubricant for plastic to plastic, plastic to metal or rubber to metal lubrication. Use to lubricate gears, rollers, cans, hinges, slides, bearings, mixers, conveyors, all such equipment in food processing plants. Revives porous rubber door gasketing, eases tight windows, wooden drawers, sliding doors etc. Excellent to stop squeaks where plastic or rubber contacts other parts - dashboards, instrument panels, doors, hoods, hatches etc. Spray on anything where water repellency is desired such as work shoes or work gloves. Leaves a long lasting release coating for high speed injection molding.

Directions

Apply by spraying or using squirt oiler or oil can with extended spout. Apply evenly and reapply as needed. Chesterton 660 Silicone Lubricant is not designed for Lubri-Cup™ automatic dispensing equipment. Use with Chesterton 715 Spraflex®/Spraflex® Gold where an extreme pressure surface lubricant is required to protect against water and corrosion and to lubricate rollers and drive gear surfaces.

Safety

Before using this product please refer to the Safety Data Sheet (SDS) or appropriate safety sheet for your area.

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