



A NEW FORCE IN CHEMICAL MANUFACTURING

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TECHNICAL DATA SHEET

FEBRUARY 2015

PRODUCT NAME

R03 White Lithium Grease

PRODUCT RANGE

Part Number	Available Size
CT-R03-20G-S10-PT	10cc Syringe
CT-R03-S30-PT	30cc Syringe
CT-R03-S30	30g Dispensing Tube
CT-R03-350	350g Aerosol
CT-R03-500G	500 grams
CT-R03-1KG	1 Kilogram
CT-R03-2KG	2 Kilogram
CT-R03-4KG	4 Kilograms
CT-R03-15KG	15 Kilograms



Refer to MSDS for product safety guidelines

R03 White Lithium Grease

Chemtools® R03 White Lithium Grease is a premium, multi-purpose grease that is formulated to give superior performance and protection for metal and moving parts under any use.

The product penetrates and forms a long lasting protective film to withstand heavy loads and high speeds that will not migrate or wash away, thus preventing rust and corrosion, and squeaks and squeals.

FEATURES AND BENEFITS:

- Multipurpose
- White Colour
- Water Resistant
- Easy disassembly of equipment and parts
- Reduced cost associated with replacement of spare parts

COMMON USES:

- Machinery tools/implements
- Sliding door channels, slides, locks, and hinges
- Cables, couplings, gears, hitches and winches
- Hinges, electric antennas, latches, and springs
- Farming, Mining, and Marine equipment

PHYSICAL PROPERTIES:

Specific Gravity	0.79
Appearance	Smooth Paste
Colour	White

NGLI Grade	2
Dropping Point	200°C
Penetration	265 - 295 (ASTM D217 @ 21°C)
Flash Point	221°C (ASTM D92)
Copper Strip Corrosion	1A (ASTM D4048)

APPLICATION METHODS:

Clean all surfaces before use. For optimal performance apply a liberal coating of grease to fixtures, fasteners, pipes, screws, nuts, bolts, slides, and anywhere it can be used. Ensure good coverage. The surface of all components should be free of dirt, contaminants, and old grease.

STORAGE:

Store in closed containers, undercover, in a cool and dry environment.

SAFETY:

Please refer to MSDS before use. For industrial use only, please keep out of reach of children. Wear suitable safety gear before use, please refer to MSDS.

PRECAUTIONS:

This product is capable of producing adverse health effects ranging from minor skin irritation to serious systemic effects. None of these materials should be used, stored, or transported until the handling precautions and recommendations as stated in the Material Safety Data Sheets (MSDS) for this and all other products being used are understood by all persons who will work with the material.

WARRANTY:

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