



# A NEW FORCE IN CHEMICAL MANUFACTURING

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## TECHNICAL DATA SHEET

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### PRODUCT NAME

Graphite Anti-Seize

### PRODUCT RANGE

| Part Number  | Available Size        |
|--------------|-----------------------|
| CT-R06-75T   | 75g Tube              |
| CT-R06-250BT | 250g Brush Top Bottle |
| CT-R06-500BT | 500g Brush Top Bottle |
| CT-R06-5KG   | 5kg Tub               |



Refer to SDS for product safety guidelines

## Graphite Anti-Seize

Chemtools® R06 is a Graphite based anti-seize and lubricating compound containing pure graphite which has been especially formulated for industrial use.

The advanced formula will protect metal parts against extreme temperature galling, seizing and corrosion.

Chemtools® R06 is recommended for suitable for use on Austenitic Stainless Steel, Nickel, Titanium, Cobalt and other Corrosion Resistant Alloys.

It is ideal for all types of threaded parts including spark plug threads exposed to high temperatures such as used in aircraft.

As with most compounds that contain graphite, Chemtools® R06 may promote corrosion of Aluminium, Magnesium, Zinc and Cadmium alloys and platings and is not recommended for these metals without further evaluation.

As with all petroleum base products, these lubricants should NOT be used in oxygen equipment.

### FEATURES AND BENEFITS:

- Resists galling of stainless steel
- Minimise corrosion on threaded parts
- Remains homogenous during storage
- Reduce cost associated with replacement of spare parts
- Resistance to most chemicals, salt water and exposure to the elements
- Prevents high temperature seizing on metal parts
- Easy disassembly of equipment and parts
- Non hardening and non-dripping

### APPLICATIONS AND USES:

- Austenitic Stainless Steel applications
- Flanges
- Valve Fixtures
- Drills & Taps
- Farming Equipment
- Gears
- Bolts & Nuts
- Pipes
- SS Pumps fittings
- Chains
- Hinges
- Slides

-Marine Equipment

- Mining Equipment

**PROPERTIES:**

|                    |                  |
|--------------------|------------------|
| Specific Gravity   | 1.0 to 1.1       |
| Appearance         | Smooth Paste     |
| Colour             | Black            |
| Temperature Range  | -100°C to +500°C |
| Water Resistance   | Excellent        |
| NGLI Grade         | 2                |
| Dropping Point     | Non Melting      |
| Worked Penetration | 300-500          |

**STORAGE:**

Store in a cool, dry place, in tightly closed original containers at a room temperature between 5°C and 40°C. Do not place in direct sunlight or near any heat source. Do not return any used material to its original container.

**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 Safety Data Sheets (SDS) for this and all other products being used are understood by all persons who will work with the material.

**WARRANTY:**

All products purchased from or supplied by Chemtools® are subject to terms and conditions set out in the contract. Chemtools® warrants only that its products meet the specifications designated as such herein, or in other publications. All other information supplied by Chemtools® is considered accurate, but is furnished upon the express condition. The customer shall make its own assessment to determine the product's suitability for a particular purpose. Chemtools® makes no other warranty, either expressed or implied, including those regarding such other information, the data upon which the same is based, or the results to be obtained from the use thereof; that any product shall be merchantable or fit for any particular purpose; or that the use of such other information or products will not infringe any patent.