

## ANTI-SEIZE Stainless

Anti-seize paste specially formulated for nimonic and stainless steel

### Product Overview

ROCOL® ANTI-SEIZE Stainless is a nickel-free anti-seize paste specifically designed for nimonic, stainless and silver coated fasteners particularly those subjected to high temperatures for long periods in the aerospace and power generation industries.

It is designed for use as an assembly and anti-seize lubricant to prevent pick up and seizure even in extreme environmental conditions.

ROCOL ANTI-SEIZE Stainless does not contain copper and exhibits extremely low sulphur and chlorine levels making it ideal for use on exotic alloys often found in the aerospace and other associated industries.

ANTI-SEIZE Stainless was formerly known as ASC251T.

### Features and Benefits

- Excellent temperature resistance  $-40^{\circ}\text{C}$  to  $+1000^{\circ}\text{C}$ .
- Provides even torque loads and prevents galling and pick-up on assembly.
- Protects against wet conditions and chemical attack even in the most aggressive environments.
- Excellent anti-seize properties over extended periods at high temperatures.
- Contains extremely low levels of chlorine and sulphur.
- Lubricates, protects and eases dismantling.
- Suitable for use with aluminium and its alloys.

### Directions for Storage and Use

- Apply as a thin film by brushing or wiping onto a clean dry surface.
- For best results apply to both the male and female parts.
- The storage temperature should be controlled between  $+1^{\circ}\text{C}$  and  $+40^{\circ}\text{C}$ .
- Shelf life is 5 years from date of manufacture.

### Typical Applications

- Aerospace
- Automotive
- Power generation

### Specifications

- Rolls Royce MSRR 4008
- Rolls Royce OMAT 4/62
- Rolls Royce OMAT 10123 (spec for V2500)
- Rolls Royce COMAT 10-110
- Naval Cat No.:
  - 0475-179-9539
- NATO Stock No.:
  - 8030-99-179-9539
- BAe Systems approved for high nickel alloys

### Pack Sizes

Pack Size	Part Code
500g	14143

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Property	Test Method	Result
Appearance	Visual	Stiff black paste
Carrier	N/A	Synthetic hydrocarbon
Solids	N/A	Graphite, Inorganic compound
Tightening Torque	100 hours at 1000°C (A286 silver coated nut & bolt)	11.5Nm
Break Loose Torque	100 hours at 1000°C (A286 silver coated nut & bolt)	20.2Nm
Temperature Range	N/A	-40°C to +1000°C
Coefficient of Friction	N/A	0.085
Approximate Coverage	0.1mm film thickness	10m <sup>2</sup> /kg

Values quoted above are typical and do not constitute a specification.

### Safety Data Sheets

Safety data sheets are available for download from our website [www.rocol.com](http://www.rocol.com) or may be obtained from your usual ROCOL contact.

The information in this publication is based on our experience and reports from customers. There are many factors outside our control or knowledge which affect the use and performance of our products, for which reason it is given without responsibility.

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