

ANTI-SEIZE 797

Nickel based anti-seize paste specially formulated for nimonic and stainless steel

Product Overview

ROCOL® ANTI-SEIZE 797 is a nickel based 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.

ROCOL ANTI-SEIZE 797 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 797 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.

For a nickel-free version of ROCOL ANTI-SEIZE 797 see: ANTI-SEIZE Stainless (formerly known as ASC251T).

Features and Benefits

- Excellent temperature resistance -40°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.
- Nuclear grade – high purity.
- Lubricates, protects and eases dismantling.

Directions for Storage and Use

- Apply ROCOL ANTI-SEIZE 797 as a thin film by brushing or wiping onto a clean dry surface.
- For best results apply ROCOL Anti-Seize 797 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

ROCOL ANTI-SEIZE 797 is primarily intended for use on stainless and nimonic alloys found in demanding applications in industries such as:

- Aerospace
- Automotive
- Power generation

Specifications

ROCOL ANTI-SEIZE 797 has been developed for specialist applications and has the following specifications:

- Rolls Royce MSRR 9380
- Rolls Royce OMAT 4/56
- DTD 900/6128
- AFS 1925

Pack Sizes

| Pack Size | Part Code |
|-----------|-----------|
| 500g | 16403 |

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| Property | Test Method | Result |
|---------------------------|----------------------|----------------------------|
| Appearance | Visual | Stiff black paste |
| Carrier | N/A | Petroleum Jelly |
| Solids | N/A | Nickel, graphite |
| Solids Content | N/A | 33% |
| Consistency | N/A | NLGI No.3 |
| Break Loose Torque | 1000 hours at 610°C | 78.4Nm |
| Sulphur & Chlorine Levels | N/A | Controlled to below 200ppm |
| Temperature Range | N/A | -40°C to +1000°C |
| Coefficient of Friction | N/A | 0.086 |
| Approximate Coverage | 0.1mm film thickness | 10m ² /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 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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