

# ANTI-SEIZE & ASSEMBLY



Performance you can trust



ROCOL ANTI-SEIZE products are specifically formulated to reduce downtime and the costs of assembly.

## ANTI-SEIZE 797



High temperature anti-seize paste specially formulated for nimonic and stainless steel.



500g 16403



## ROCOL Approvals & Applications

- ▶ **Nuclear Grade:** High Purity
- ▶ Constituents
- ▶ Rolls Royce MSRR 9380
- ▶ Rolls Royce OMAT 4/56
- ▶ DTD 900/6128 ASF 1925

## Features & Benefits

- ▶ Excellent anti-seize properties over extended periods at high temperatures
- ▶ 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
- ▶ Contains extremely low levels of chlorine and sulphur
- ▶ Lubricates, protects and eases dismantling

## ANTI-SEIZE Compound



Copper based multi-purpose anti-seize with excellent corrosion protection.



85g 14030  
500g 14033  
6kg 14035  
18kg 14038



## ROCOL Approvals & Applications

- ▶ **Naval Cat No:** 0475-541-8659 (6kg)
- ▶ **RAF Ref No:** 34D/301-6210 (85kg)  
34D/224-6794 (500g)
- ▶ **NATO Stock No:** 8030-99-301-6210 (85g)  
8030-99-224-6794 (500g)  
8030-99-541-8659 (6kg)

## Features & Benefits

- ▶ Non soap thickener producing non melting anti-seize compound
- ▶ Prevents pick-up and seizure of static threaded fasteners
- ▶ Lubricates, protects and eases dismantling
- ▶ Effective even in the most aggressive environments and is completely insoluble in water

## ANTI-SEIZE Regular Grade



Copper based multi-purpose anti-seize for applications found throughout industry.



250g 14026  
500g 14027



## ROCOL Approvals & Applications

- ▶ Customers include:
- ▶ Siemens
- ▶ Daimler Benz
- ▶ BMW
- ▶ Volkswagen
- ▶ Bosch

## Features & Benefits

- ▶ Based on graphite, copper and aluminium to avoid seizing in mechanisms and threaded connections
- ▶ Resists vibrations, high pressure, high temperature and aggressive environments
- ▶ Protects against fretting, easing dismantling
- ▶ Acts as a sealant, preventing fluid and gas contamination

## ANTI-SEIZE Spray



Copper based anti-seize spray with superb corrosion protection.



400ml 14015



## ROCOL Approvals & Applications

- ▶ Ideal for hinges, latches and other mechanisms on furnaces, ovens and other similar equipment
- ▶ It is also ideally suited for high temperature applications such as exhaust systems etc
- ▶ Can be used for extreme conditions found in applications such as docks and oil rigs

## Features & Benefits

- ▶ Non soap thickener producing non-melting anti-seize compound
- ▶ Prevents pick-up and seizure of static threaded fasteners
- ▶ Lubricates, protects and eases dismantling
- ▶ Effective even in the most aggressive environments and is completely insoluble in water

## ANTI-SEIZE Stainless



**Water and chemically resistant grease specifically designed for the protection of stainless steel and nimonic fasteners.**



500g

14143



0.085



-40°C to +1000°C

## ROCOL Approvals & Applications

- ▶ 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

## Features & Benefits

- ▶ Excellent anti-seize properties over extended periods at high temperatures
- ▶ 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
- ▶ Contains extremely low levels of chlorine
- ▶ Lubricates, protects and eases dismantling
- ▶ Suitable for use with aluminium and its alloys

## DRY MOLY Fluid



**Extreme load, dry film, molybdenum disulphide paste for use where wet films cannot be tolerated.**



5L

10205



7,000 kg/cm<sup>2</sup>



-50°C to +450°C

## ROCOL Approvals & Applications

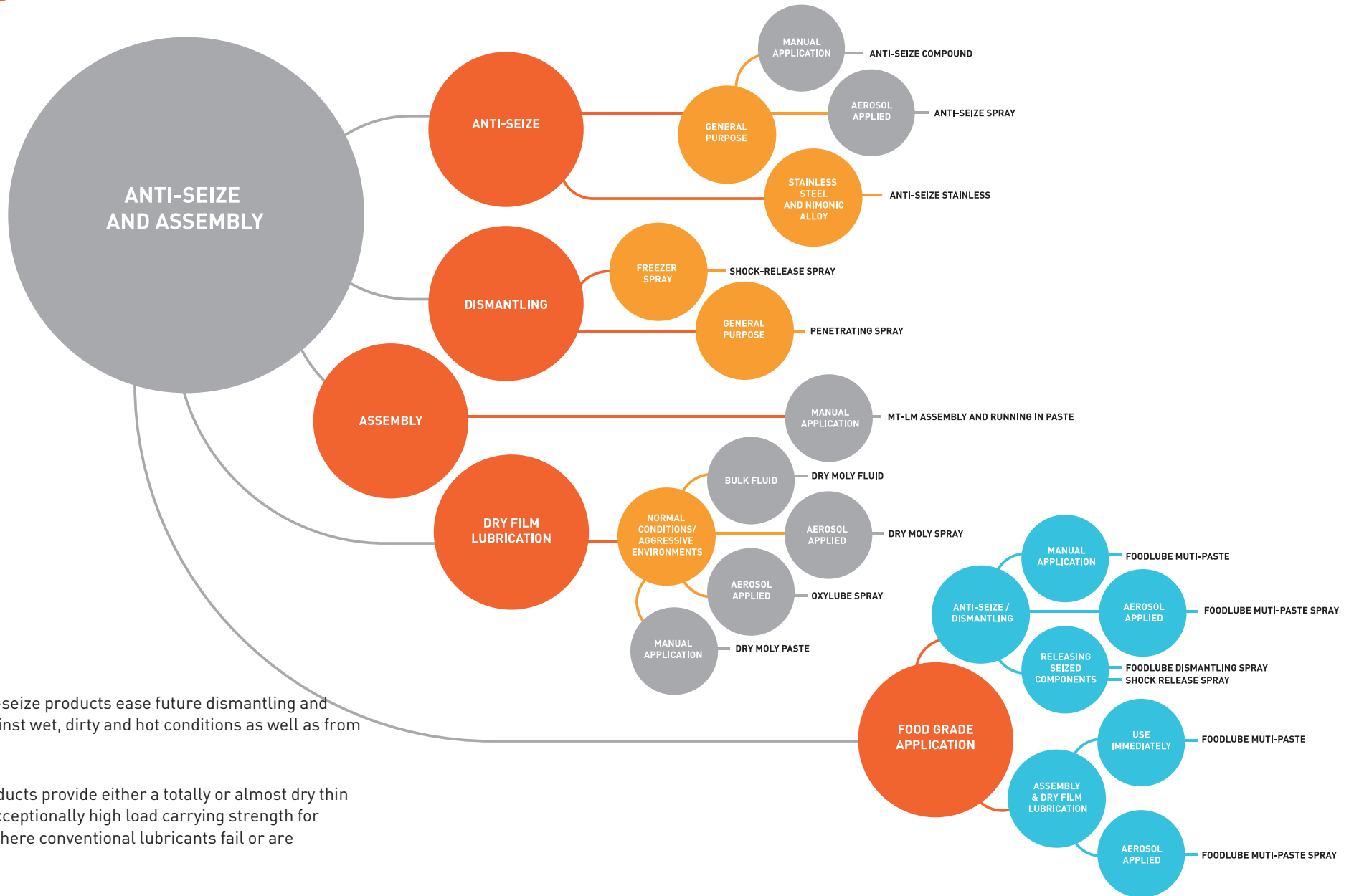
- ▶ Ideal for use as an assembly lubricant for sliding mechanisms, plain bearings and other applications where a totally dry film lubricant is required.

## Features & Benefits

- ▶ Dry film lubrication – resists pick-up of contaminants
- ▶ Prevents galling, pick up and seizure
- ▶ Excellent wear resistance (high molybdenum disulphide content)



SELECTION CHART



Premium quality anti-seize products ease future dismantling and protect fasteners against wet, dirty and hot conditions as well as from chemical attack.

ROCOL assembly products provide either a totally or almost dry thin MoS2 (moly) film of exceptionally high load carrying strength for application in areas where conventional lubricants fail or are inappropriate.



## DRY MOLY Paste



**Dry film coating of molybdenum disulphide in paste form.**



100g 10040  
750g 10046

7,000 kg/cm<sup>2</sup> -50°C to +450°C

### ROCOL Approvals & Applications

- ▶ Rolls Royce Specification R-R OMAT 4/53
- ▶ Ideal assembly lubricant for disc spring assemblies, sliding mechanisms, plain bearings and other applications where a totally dry film lubricant is required

### Features & Benefits

- ▶ Can be used where wet films cannot be tolerated due to its dry film lubrication that resists pick up of contaminants
- ▶ Prevents galling, pick-up and seizure
- ▶ Excellent wear resistance due to its high molybdenum disulphide content

## DRY MOLY Spray



**Extreme load, dry film, molybdenum disulphide paste where wet films cannot be tolerated**



400ml 10025

7,000 kg/cm<sup>2</sup> -50°C to +450°C

### ROCOL Approvals & Applications

- ▶ Rolls Royce Specification - R-R OMAT 4/52
- ▶ Primarily designed as an assembly lubricant for sliding mechanisms, plain bearings and other applications where a totally dry film lubricant is required

### Features & Benefits

- ▶ Excellent anti-seize properties over extended periods at high temperatures
- ▶ 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
- ▶ Contains extremely low levels of chlorine
- ▶ Lubricates, protects and eases dismantling
- ▶ Suitable for use with aluminium and its alloys

## FOODLUBE® Dismantling Spray



**Highly penetrating food grade release spray.**



300ml 15720

-20°C to +110°C 

### ROCOL Approvals & Applications

- ▶ Does not contain: mineral hydrocarbons, animal derived materials, nut oils or genetically modified ingredients
- ▶ **Manufactured from only FDA listed ingredients:** FDA Group 21 CFR 178.3570
- ▶ **NSF registered:** NSF H1 registered - 121617 ISO 21469 Certified

### Features & Benefits

- ▶ Highly efficient penetration
- ▶ Short term corrosion protection for released parts
- ▶ DETEX™ - x-ray and metal detectable plastic components (aerosol caps and actuators) capable of detection by most x-ray and metal detection equipment



## FOODLUBE® Multi-Paste Spray



Food grade, multi-purpose anti-seize and lubricating spray.



400ml 15751



0.09



-30°C to +450°C

### ROCOL Approvals & Applications

- ▶ Does not contain: mineral hydrocarbons, animal derived materials, nut oils or genetically modified ingredients
- ▶ **Manufactured from only FDA listed ingredients:** FDA Group 21 CFR 178.3570
- ▶ **NSF registered:** NSF H1 registered – 121613 ISO 21469 Certified

### Features & Benefits

- ▶ Ideally suited for use on stainless steel
- ▶ Long life, up to six times more than the competition
- ▶ Exceptionally clean compared to copper based anti-seize
- ▶ For high temperature applications
- ▶ Prevents galling & pick-up on assembly
- ▶ Extremely tenacious – resists water wash out
- ▶ DETEX™ – x-ray and metal detectable plastic components (aerosol caps and actuators) capable of detection by most x-ray and metal detection equipment

## FOODLUBE® Multi-Paste



Food grade, multi-purpose anti-seize & lubricating paste.



85g 15750

400g 15851

500g 15753

5kg 15756



0.09



-30°C to +450°C

### ROCOL Approvals & Applications

- ▶ Does not contain: mineral hydrocarbons, animal derived materials, nut oils or genetically modified ingredients
- ▶ **Manufactured from only FDA listed ingredients:** FDA Group 21 CFR 178.3570
- ▶ **NSF registered:** NSF H1 registered – 121614 ISO 21469 Certified

### Features & Benefits

- ▶ Prevents pick-up and seizure of fasteners
- ▶ Economical in use
- ▶ Extremely tenacious - resists water wash
- ▶ Ideal for bushes, slides and small open gears operating in food and other clean environments
- ▶ Suitable for use with aluminium and its alloys

## MTLM Assembly & Running-In Paste



Assembly & running-in paste for precision & interference fit parts



100g 10050

750g 10056

18kg 10057



7,000 kg/cm<sup>2</sup>



-50°C to +450°C

### ROCOL Approvals & Applications

- ▶ Joint Services Designation – ZX 38
- ▶ Defence Standard - DEF STAN 80-81//2 (S-722)

### Features & Benefits

- ▶ Reduces the forces required for assembly of close fitting components
- ▶ Prevents galling, pick-up and seizure on assembly and during initial running in period before the service lubricant has circulated
- ▶ Guards against wear and fretting corrosion
- ▶ Excellent wear resistance (high molybdenum disulphide content)

### OXYLUBE Spray

Suitable for applications contaminated by aggressive chemicals or petroleum based solvents, oils and greases.



400ml 10125

7,000 kg/cm<sup>2</sup> -200°C to +450°C

#### ROCOL Approvals & Applications

- ▶ Rolls Royce Specification – R-R OMAT 4/54
- ▶ **Naval Cat No:** 0475-224-1963
- ▶ **NATO Stock No:** 9150-99-224-1963

#### Features & Benefits

- ▶ Dry film lubrication – resists pick up of contaminants
- ▶ Inorganic resin bonded - suitable for oxygen and vacuum environments. Prevents galling, pick-up and seizure
- ▶ Excellent wear resistance (high molybdenum disulphide content)
- ▶ Suitable for precision and fine threaded components

### Penetrating Spray

Extreme performance, molybdenum disulphide reinforced penetrating spray.



300ml 14021

#### ROCOL Approvals & Applications

- ▶ Corroded threaded fasteners
- ▶ Seized components
- ▶ Outdoor and Marine environments
- ▶ General industrial applications

#### Features & Benefits

- ▶ Excellent penetration
- ▶ Powerful jet application to aid penetration of seized rust and debris
- ▶ Molybdenum disulphide to aid dismantling
- ▶ Light residual film for short term corrosion protection
- ▶ Fast acting performance

### Shock Release Spray

Food grade release and dismantling lubricant with shock freeze action.



400ml 32040



#### ROCOL Approvals & Applications

- ▶ **Does not contain:** mineral hydrocarbons, animal derived materials, nut oils or genetically modified ingredients
- ▶ **Manufactured from only FDA listed ingredients:** FDA Group 21 CFR 178.3570
- ▶ **NSF registered:** NSF H1 registered – 141594 ISO 21469 Certified

#### Features & Benefits

- ▶ Freezing action causes micro-cracking for rapid release
- ▶ Advanced synthetic base oils for highly effective dismantling
- ▶ Reinforced with sub micron PTFE
- ▶ Safe for use on all metals, common plastics and rubbers
- ▶ Shock cooling temperature -40°C in 10 seconds
- ▶ DETEX™ – x-ray and metal detectable plastic components (aerosol caps and actuators) capable of detection by most x-ray and metal detection equipment