

# Bradechem Ltd

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## TECHNICAL DATA SHEET R. 5 MOLY ANTI-SEIZE COMPOUND

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### DESCRIPTION:

Bradechem R.5 is an anti-seize, anti-scuffing, assembly paste containing a high percentage of molybdenum disulphide in a carrier that enables it to bond to most metal surfaces. A light smear of the product provides a film capable of withstanding extreme pressures without "pickup" or scoring. Being chemically inert the moly remains unaltered under high pressures and extreme climatic conditions for many years. The high-pressure resistance of the lubricating film prevents localised welding and seizures resulting from discrepancies in a newly machined surface, therefore R .5 is an ideal "running -in" compound for: gears, slides and pins etc.

The excellent lubricating properties of R .5 Moly Anti-Seize enable it to be used for press fitting where the interference required would normally necessitate heating or freezing of the parts.

### APPLICATIONS:

R. 5 Moly Anti-Seize should be used as an assembly compound for most applications requiring ease of dismantling, especially long-term assemblies such as bolts, splines and stationary shafts etc.

R. 5 can be recommended for most anti-scuffing applications and for the "running-in" of newly machined gears, slides and pins. Also as press fitting lubricant.

### BENEFITS:

Tenacious film, resistant to water, most solvents and extremes of temperature.

Small quantity will provide maximum protection.

Will withstand pressures of 100,000 PSI.

Operational over a broad temperature range (Up to +450°C as a dry film).

### TYPICAL PHYSICAL CHARACTERISTICS:

Appearance	Heavy Paste
Colour	Grey / Black
Temperature Range	-35°C to +450°C
Flash Point	>200°C
Weld Load	> 20000N
Coefficient of Friction	0.10μ - Screw test

### PACKAGING:

500g Tins (Boxes of 6), 4.5 Kilo Tins, 12.5 Kilo Kegs, 50 Kilo Kegs, 180 Kilo Barrels.

(Other pack sizes may be available by request).