

Technical Information

General Properties

Copper anti-seize is a highly efficient thread lubricant and protective. **Copper anti-seize** contains finely divided lamellar particles of copper together with micronised talc, compounded with non-melt bentone grease base. Under pressure the solid particles form a uniform matrix, filling surface irregularities and preventing both leaks and the intrusion of contaminants.

A coating of **Copper anti-seize** gives lengthy protection against galling, corrosion, rusting and seizure in the most arduous conditions of exposure and temperature.

Applications

Use on all studs, nuts, bolts and other threaded connections, including turbine casting studs, burner nozzles, all boiler inspection points and furnace bolts.

Invaluable for application to any component that needs to be dismantled.

Assembly is made easier and threaded couplings can be secured uniformly with optimum torque. After long periods of service in quite arduous conditions of exposure to heat and vibration, components can readily be broken out without damage or distortion and with savings of manpower and downtime.

Technical Properties

Base	Bentone Gellant
Unworked penetration at 25 ⁰ C	355 – 385
Drop Point	None
Flash point of base oil	250 ⁰ C
Water resistance	Complete
Temperature range	Any sub-zero temperature to 1100 ⁰ C Solidifies at -18 ⁰ C

This information is intended only for general guidance in the application of our products. It has been obtained by careful investigation and represents the present state of our knowledge and experience. Because of the wide number of possible methods of application and processing we are not able to assume responsibility in any one particular case for either the technical results or patent rights situation applicable to the country under consideration.

ISSUE No: 3 **ISSUE DATE:** Oct 2011 **ISSUED BY:** M.JOYCE **Item Ref:** 301687