

**ANTI-SEIZE PASTE (COPPER BASED)
ISOL AS 1100**

COMPOSITION

ISOL AS 1100 Anti - Seize Grease is a special grade containing finely divided copper metal for improved high temperature resistance and anti seizure properties for special applications. It is made up of a combination of solid lubricants and semi synthetic base fluid.

FEATURES

ISOL AS 1100 aid assembly and non - destructive dismantling of threaded/ screwed assemblies such as nuts, bolts, pipe joints etc. even after long periods of service under extreme conditions of heat, moisture, corrosion and environmental attack.

DESCRIPTION

Friction in screwed thread is the main factor governing the tightening force. Insufficient tightening leads either to deterioration of functional properties of the joint or to loosening under the action of vibration or variable loads. Excessive tightening results in breakage or jamming in the thread. Ordinary oils and greases are unsuitable for such applications as they decompose at high temperature and under excessive moisture and environmental attack. ISOL AS 1100 is the right choice for such applications. They provide service from -30 °C to + 1100 °C in vacuum and from -30 °C to + 1100 °C in the presence of air. In addition they provide excellent ageing and fretting corrosion resistance.

APPLICATIONS

General purpose anti seize applications like threaded connectors and assemblies of turbines, internal combustion engines, threaded assemblies used in the oil refinery, power, cement, gas and chemical processing, steel plants. General plant maintenance of threaded connections of machine assembly in boilers, heat exchangers, plastic extrusion nozzles, conveyor assemblies operating in furnaces, furnace and kiln assemblies, incinerators, hot air exhaust manifolds, dies, moulds, hinges, manifold bolts, spark plug threads and wheel bolt etc.

SHELF LIFE

ISOL AS 1100 does not exhibit any significant change in properties if stored properly in original packs for over two years. Slight hardening of the paste or slight oil bleeding is considered normal and is reversible by agitation. However, warranty claims, in case of manufacturing defects is limited to one year from date of manufacturing.

The information herein is believed to be reliable, but it is the user's responsibility to determine suitability of use, since we cannot know conditions of use. We make no warranties and assume no liability concerning use of the information. Nothing herein should be taken as inducement to infringe any patent.
