

TECHNICAL DATA SHEET

COPPER ANTI-SEIZE



DESCRIPTION

COPPER ANTI-SEIZE is a lead-free compound for threaded connections of pipes, flanges and threaded fasteners subjected to high temperatures and/or corrosive environments. The compound overcomes galling on assembly and greatly reduces dismantling torque. It is suitable for use as an anti-seize up to 1100oC and protects against seizure in conditions of high corrosion and chemical attack.

COPPER ANTI-SEIZE is suitable as an anti-seize for a wide range of aggressive conditions, which include applying to pipe fittings and valves in the chemical and petrochemical industry, gas refining and for oil drilling equipment.

SUMMARY OF BENEFITS

- Prevents seizure and galling during assembly and therefore reduces assembly time
- Enables the easy dismantling of components subjected to high temperatures
- Provides an effective anti-seize in saturated conditions, including chemical environments and salt water
- Enables fast and easy dismantling of components, allowing them to be reused after dismantling

SPECIFICATIONS

- NLGI GRADE 1/2

PROPERTIES	TEST METHOD	RESULTS
APPEARANCE	-	SMOOTH PASTE
COLOUR	-	COPPER
NLGI CLASSIFICATION	-	1 to 2
THICKENER	-	ORGANICALLY MODIFIED CLAY
TOTAL SOLIDS CONTENT	-	18%
TEMPERATURE RANGE (AS AN ANTISEIZE)	-	1100 °C
TEMPERATURE RANGE (AS A LUBRICANT)	-	20 to 200°C
ELECTRICAL CONDUCTIVITY	-	EXCELLENT
COEFICIENT OF FRICTION	-	0.12
COPPER CORROSION (IP112)	IP112	1b

Typical characteristics are only a guide to industry and are not necessarily manufacturing or marketing specifications and do not constitute any legal liability.

STORAGE INSTRUCTIONS & HEALTH, SAFETY AND ENVIRONMENT INFORMATION

All packages should be stored under cover to avoid the possible ingress of water and the obliteration of drum markings. Products should not be stored above 60°C. Health, safety and environmental information is provided for this product in the relevant Materials Safety Data Sheet, which can be obtained by contacting Gulf Western Oil on: 02 9673 9600.

AVAILABLE PACK SIZES

#40540 - 500gram

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