



ANTI-SEIZE COMPOUNDS

COPPER, NICKEL, SILVER GRADE

DESCRIPTION

EAL ANTI-SEIZE COMPOUNDS are unique multi-purpose anti-seize lubricants which are designed to provide protection against corrosion and metal-to-metal contact in a wide range of industrial, automotive, mining and marine applications, particularly where very high temperatures are encountered.

EAL ANTI-SEIZE COMPOUNDS consist of high temperature clay thickeners together with fine metallic and graphite anti-seize powders which impart exceptional high temperature anti-seize properties. They also contain performance enhancing additives to protect against water washout, oxidation and corrosion.

The state-of-the-art equipment and procedures employed to manufacture **EAL ANTI-SEIZE COMPOUNDS** impart a high degree of mechanical and storage stability. They will not breakdown under high mechanical stress. In storage they will not alter consistency or release oil as often occurs with inferior low cost materials.

BENEFITS

- Protection against galling, seizure and corrosion
- Reduces friction
- Excellent mechanical stability

- Excellent resistance to water washout
- Effective in harsh acid, alkaline and salt conditions
- Outstanding storage stability

APPLICATIONS


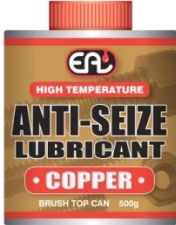

EAL ANTI-SEIZE COMPOUNDS are recommended for various applications such as, where very high temperatures are present, high pressure situations and where corrosion or sealing is a problem. Due to the inertness of the clay thickener they can often be employed in harsh acid and alkaline environments.

Some specific applications include:

- Gasket coating for automotive, industrial and marine cylinders
- Thread coating/lubricant for industrial ovens, furnaces and boilers
- Manifolds and exhaust systems
- Anti-Seize grease for tool and drilling operations eg. Mining and oil exploration
- Anti-Seize compound for feed and adjusting screws, linkages and drive chains on earth moving and agricultural equipment
- Nuts, bolts, hinges plus car and motorcycle parts

Note: Not recommended for high speed bearing lubrication.

TYPICAL PROPERTIES

	Silver Grade	Pure Copper	Pure Nickel
			
Application	General Purpose	General Purpose	Stainless Steel
Solids Type	Metal Flake, Graphite, Minerals		
NLGI Grade	# 2		
Colour	Silver	Copper/Brown	Dark Grey
Soap/Thickener	Clay		
Worked Penetration	280 (Typical)		
Drop Point °C	None		
Oil Viscosity CSt at 40°C	460 (Typical)		
Density @ 15°C (g/mL)	0.95 (Typical)		
4-Ball Wear Weld Load, kg	620 (Typical)		
K Factor *	0.15	0.13	0.13
Coefficient of friction	0.06 - 0.08		
Flashpoint (°C)	> 200°C (ASTM D-93)		
Temperature Range (°C)	-30 to +870°C	-30 to +1100°C	-30 to +1425°C
Packaging	35g Pump Dispenser, 250g & 500g Brush Top Can 2.5kg, 5kg, 20kg, 180kg Drum		

*K Factor is determined experimentally on M10 zinc plated nuts/bolts. Due to a wide range of variables Engineering Adhesives & Lubricants (Aust) Pty Ltd offers no warranty on any specific fastener type. This data is provided as a guide only and should not be used for specification purposes. In critical application/s the user should independently determine the K Factor for each application

DIRECTIONS FOR USE

Apply as a thin film by brushing or wiping onto clean dry surfaces. For best results, apply to both male and female parts.

For safe handling information please see Safety Data Sheet (SDS).

NOTE

The data contained herein is offered in good faith based upon information that is believed to be accurate and reliable, but no warranty, express or implied, regarding the accuracy of such information is made. The conditions or methods of handling, storage, use and disposal of this product are beyond our control and may be beyond our knowledge. For this and other

reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of this product. It is the responsibility of the user to determine the products suitability for their intended purpose.

Engineering Adhesives & Lubricants (Aust) Pty Ltd

Tel: (07) 5531-4242 | Fax: (07) 5531-4243

Email: info@eal.com.au

Website: www.eal.com.au



www.eal.com.au