



TECHNICAL DATA SHEET

MEDALLION™ WHITE ANTI-SEIZE

ASSEMBLY PASTE

NSF Registered for H-1

Medallion™ White Anti-Seize is a premium quality assembly paste that provides excellent protection from seizure, galling, rust and corrosion. It has been registered with NSF as H-1 and is suitable for use in food processing plants where incidental contact with food may occur.

Medallion™ White Anti-Seize protects metal surfaces from wear due to vibrations that can occur under static contact conditions. Seizure can occur in these tight-fitting applications. Under high load the contacting metal is subjected to slight wear, resulting in very small wear particles that are particularly prone to oxidation. As the wear particles oxidize, they greatly increase in volume. This process is known as fretting corrosion and it results in a tight fit, making disassembly more difficult. The solid materials in Medallion™ White Anti-Seize form a coating that separates surface asperities during contact under high pressure and prevents fretting corrosion. This protective coating is effective at temperatures as low as -65° F (-54° C).

The aluminum complex thickener used in Medallion™ White Anti-Seize Lubricant makes it highly water resistant.

Medallion™ White Anti-Seize is not categorized as a grease. It can be used on bushings, but should not be used in anti-friction (roller) bearings. Do not use in automatic lubrication systems.

BENEFITS:

- H-1 RATED - for use in federally inspected meat and poultry plants, as well as beverage and other food processing facilities where incidental food contact may occur.
- WATER-RESISTANT - stays in place.
- REDUCES WEAR - extends application life.
- RESISTS POUNDOUT - provides extra protection and reduces consumption.

APPLICATIONS:

Medallion™ White Anti-Seize may be used in any tight-fitting static application such as pipe fittings and bolts, and is particularly useful where corrosion and seizure have occurred in the past. It is also suitable for use in bushings (plain bearings), but is not for use in roller bearings.

Medallion™ White Anti-Seize can also be used as an antirust film and as a release agent for gaskets.

ASTM #		TYPICAL CHARACTERISTICS
	NSF Registration	H-1
	Grade	1.5
D-217	Cone Penetration (Worked)	270-310
D-2265	Dropping Point, °F (°C)	>450 (>232)
Gardner Method	Density, lb/gal @ 60°F (15.5°C)	9.20
	Specific Gravity, g/cc @ 60°F (15.5°C)	1.104
D-2596	Four Ball EP	
	Weld Point, kg	620
D-1743	Rust Test	Pass
D-4048 (Modified)	Copper Strip Corrosion for Greases	1A
	212°F (100°C) @ 3 hrs	
	Thickener Type	Aluminum Complex
	Appearance	Off-White Paste
B-117	Salt Fog Resistance, hrs	>200
	Operating Range once applied, °F (°C)	-65 (-54) to 1,800 (982)

The above are average values. Minor variations which do not affect product performance are to be expected in normal manufacturing.

PACKAGING

Brush Top Cans 12 – ½ lb cans	Brush Top Cans 12 – 1 lb cans
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THE WHITMORE MANUFACTURING COMPANY

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