

MF-AS-1200 (High Temperature Metal Free Anti-Seize Compound)

DESCRIPTION

MF-AS-1200 is a high purity heavy duty/high temperature metal free solid lubricants economic anti-seize compound, assembly paste & anti-scuffing. It is available in paste form for multipurpose applications The product is manufactured from micronized ceramic particles compounded in a non-melt synthetic grease base. It contains solid lubricating additives for use at extremely high temperatures up to 1200°C: the synthetic grease burns off leaving the ceramic particles to act as the anti-seize. It can be used during assembly to ensure freedom from scoring for those parts which may be difficult to lubricate in service. Suitable for thread lubricants to prevent seizure due to load and rust.

FEATURES AND BENEFITS

- Wide Operating Temperature Range (up to 1200°C).
- Excellent oxidation stability, protects against galling, seizure and electrolytic corrosion
- Metal free heavy duty/high temperature solid lubricants economic anti-seize compound
- Environment is not exposed to heavy metal pollution.
- Safer for workers - No exposure to heavy metals.
- Eases assembly and dismantling during installation and maintenance.
- Chemically inert and rust preventive.

APPLICATION

- Uses include on anti-lock braking systems, ASR traction control, machinery, all studs, nuts, bolts and other threaded connections found in marine, automotive, mining and industrial applications.
- **Applications:** Cylinder head bolts, burner nozzles, nozzle head screws of plastic, turbine casing studs, boiler inspection points and furnace bolts, exhaust system, threaded connections, nuts and bolts, studs, pipes and couplings, bearings, Joints, Lock-nuts etc

STORAGE: MF-AS-1200 should be stored out of direct sunlight, between 5 and 35°C.

INSTRUCTIONS FOR USE: MF-AS-1200 should be used as supplied. Ensure all surfaces are clean, dry and free from loose debris. Apply thin, even coating via a brush or cloth.

PROPERTIES

CHARACTERISTICS	SPECIFICATIONS
NLGI	2
Colour	Red Greyish Brown
Appearance	Smooth Homogeneous Paste
Base oil Type	Synthetic
Unworked Penetration	265 - 330
Copper Strip Corrosion	Negative
Drop Point °C	None, infusible
4 Ball Weld Test	+800
Water solubility	insoluble
Water Resistance	Excellent
Water Washout	1% max
Water Resistance	1-90
Covering Power	Approx. 100 sq. cm/gm.
Temperature Range °C	-45°C to +1200°C (Dry lubrication) -45°C to +220°C (Wet lubrication)

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