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PRODUCT DATA

AS ANTI SCUFF PASTE

GENERAL PURPOSE GRADE REQUIRES BURNISHING

DESCRIPTION

A synergistic combination of solid lubricants in paste form for assembly of all types of metal components. It is blue black in colour with a very low coefficient of friction.

APPLICATIONS

Running in lubricant for:-

- Newly machined parts.
- Plain bearings.
- Anti-friction bearings.
- Slide ways and guides.
- Splined shafts.
- Gear faces.

Anti seize for:-

- Threads of fasteners of all metals.
- Especially useful to prevent seizure of stainless steel nuts and bolts.

First aid lubricant for:-

- Scored or damaged surfaces.

LUBRICANT

- For ultra high loads.
- Press fitting.
- Metal working, including deep drawing, drilling, tapping, bending, punching and forming.
- High temperatures: -45 to 450°C in limited air 650°C
- Threaded shafts.
- Slides and guides.

TECHNICAL

By burnishing this paste onto the surface of a newly machined bearing a multi-laminated coating is achieved on the high points or asperities of the bearing surface. This prevents them from touching through the hydro dynamic film of lubrication oil. As the high points can no longer come into contact with those of the opposing surface no cold welding can occur at this critical stage. Heat from the running in friction causes the points of the asperities to become plastic and flow back into their own surface. The real bearing area is thus increased to about 70% setting the bearing up for life. This compared to a non pre-treated bearing run in with oil only achieves 5% real bearing area. In this case the peaks of asperities are torn off when they come in contact with each other leaving a small flat surface.

BENEFITS

- Easy removal of threaded fasteners.
- Prevents fretting corrosion on splined shafts.
- Facilitates rapid run in of gear teeth.
- Easy removal without scoring of press fitted ball bearings after extended periods of use.
- Long term lubricant for steam valves.

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INSTRUCTIONS

The best effect is obtained by burnishing the paste onto the surface to be run in. This results in the typical greenish haze indicating the bonding of the Moly to the surface of the metal. This layer is sufficient to complete the run in or pressfit etc. for threaded shafts slides or guideways a thin film of the paste is sufficient.

PACKAGING

SIZE	PROD CODE
100g	1-700 0164
500g	1-700 0165
1kg	1-700 0166
700g	
400ml	1-700 0196