



Product Data

Molub-Alloy 369

Dry Film Lubricant

Description

Molub-Alloy 369 Dry Film Lubricant is formulated with a proprietary blend of Molub-Alloy lubricating solids in a stable suspension in a light, volatile carrier. The carrier solvent readily evaporates when **Molub-Alloy 369** is applied, leaving a tough film of lubricating solids behind on the surfaces to provide lubrication.

Molub-Alloy 369, as applied, consists of a heavy concentration of Molub-Alloy lubricating solids in a highly volatile, fluid carrier, which has exceptional penetrating and spreading ability.

Molub-Alloy 369 in service, and after carrier evaporation, is a tough, dry film of lubricating solids bonded to the metallic surface to which it has been applied. This film does not retain dust, and is highly resistant to heat, chemical action, and water.

Applications

Typical applications are –

- The pre-lubrication of extremely close-tolerance parts, to aid in assembly.
- As a “dry“ lubricant, where appropriate, such as in excessively dusty or gritty environments, where any oil-based lubricant would build up an abrasive paste.
- In applications where the complete absence of lubricant leakage or dripping is mandatory.

Applications

Molub-Alloy 369 provides outstanding qualities as a pre-lubricant, in conjunction with the use of a Molub-Alloy oil or grease. **Molub-Alloy 369** has excellent anti-seize properties for treating press-fit and close-tolerance machine assembly components.

The dried film of Molub-Alloy lubricating solids has the appearance of a finely blued gun barrel. When bright metal areas begin to appear on the lubricated parts, it is time to relubricate.

Molub-Alloy 369 will show substantial reduction of wear when applied to equipment, which is receiving little or no lubrication because of concern over lubricant leakage or contamination.

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PDSA 752-6 03/02

Bulk Item Code – 114060

Notes

Molub-Alloy 369 is a "red label" product and all transportation; handling and storage precautions required by the (ICC) classification are to be observed. Bulk containers should be kept tightly closed when product is not being dispensed. Product to be applied only in areas where adequate ventilation is provided.

Molub-Alloy 369 is packaged in bulk containers.

Except for specialised applications where no other lubricant will work, **Molub-Alloy 369** is not recommended as a replacement for either oil or grease, especially in applications where oil or grease is specified; neither is it recommended as the only lubricant in applications where high cyclic speeds or heavy loads prevail. In many instances, a combination of pre-lube with **Molub-Alloy 369** and operating lube with some other appropriate Molub-Alloy product gives the best results.

Typical Properties

	Molub-Alloy 369
Binder	Resin
Fluid Carrier	Isopropyl Alcohol
Flash Point, ASTM D 93 PMCC, °C	12
Drying Time	2 to 3 minutes
Application Temperature, °C*	70
Lubricating Solids	Micron Size

*Temperature of metal surface to which applied; carrier highly flammable.

Subject to usual manufacturing tolerances.

Health, Safety and Environment

It is recommended that the handling instructions outlined in the Castrol Material Safety Data Sheet be followed:

Spillage: Slippery when spilt. Avoid accidents, clean up immediately. Avoid breathing dust or vapours and contact with skin and eyes. Isolate leaking containers and stop leak if safe to do so. Wear adequate protection and eliminate all sources of ignition. Ventilate the area and dike the spill to prevent entry into sewer or watercourses. Use absorbent (soil or sand, sawdust, inert material, vermiculite). Sweep up.

Disposal: Collect and seal in properly labelled drums for disposal.

All reasonable care has been taken to ensure that the information contained in this publication is accurate as of the date of printing. However, such information may, nevertheless, be affected by changes in the blend formulation occurring subsequent to the date of printing. Material Safety Data Sheets are available for all Castrol Industrial Australia Inc. products. The MSDS must be consulted for appropriate information regarding storage, safe handling and disposal of a product.

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