SAF-T-EZE® TDS-DMF

Dry Moly Film

Technical Data Sheet

GENERAL INFORMATION: ***SAF-T-EZE Dry Moly Film*** is an air drying, greaseless, dry film lubricant and performs as a preapplied anti-seize. A combination of molybdenum disulfide powder, and other solid lubricants in a high temperature binder makes Dry Moly Film an ideal lubricant and anti-seize for a variety of applications from -100˚F to 2400˚F.

PRODUCT DESCRIPTION: ***SAF-T-EZE Dry Moly Film*** is recommended for general plant maintenance and specifically for environments where clean, dry lubrication is required. The product lubricates and protects metal parts from wear and corrosion. The greaseless finish repels dirt and dust, and does not rub off, thus making it an ideal lubricant for dirty, dusty environments, where dirt can clog and interfere with grease based lubrication.

SAF-T-EZE Dry Moly Film is resistant to water and water-based solutions. Exposure to temperatures above 400˚F will add resistance to solvents. In maintenance applications, it is an excellent choice for lubricating dry bearings, or as an "easy-off" coating to repel dirt buildup in exhaust systems. The dry finish makes it excellent for applications where repeated handling of the lubricated parts is common.

PHYSICAL PROPERTIES:

Appearance:	**Dark Gray**
Odor:	**Solvent**
Specific Gravity:	**1.6**
Service Temperature:	**-100˚F to 2400˚F**

APPLICATION: General plant maintenance, metal working industry, aerospace, wood and paper mills, textile industry. Use to lubricate and protect door hinges and chutes. Excellent choice for pre-applied lubrication of threaded and non-threaded parts. Use as a lubricant for dry bearing surfaces, slides, conveyor chains, exposed gears and shafts, valve stems and press fit applications. In Heavy Equipment/Automotive applications, it is an ideal lubricant for brake systems, cables, gears, and couplings. It has extensive applications in the aerospace industry, where a dry film lubricant is used on gas turbine engine blades, valves, bearings, etc.

DIRECTIONS FOR USE: Mix well prior to use. Apply by brushing, dipping or spraying to clean metal surfaces. The product is dry to the touch within 30 minutes at room temperature. Air drying will make the product resistant to water and water based products. Exposures to 400˚ F for 2 hours, or 450˚ F for one hour will add cured film resistance to solvents.

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