TECHNICAL DATA BULLETIN

9200 ALMASOL® Dry Film Lubricant

LEADERS IN LUBRICANTS

DESCRIPTION:

9200 ALMASOL Dry Film Lubricant is an air drying solid film lubricant, containing a carefully selected blend of ALMASOL and other solid lubricants of controlled particle size, dispersed in a fast drying solvent system and resin binder. The resulting film has good adhesion and exceptional wear life.

The dry, solid film lubricant prevents galling and seizing of mating metal surfaces under operating conditions of high loads and slow speeds. It will cure at room temperature and lubricate effectively over a broad temperature range: -100ºF to 650ºF (-73ºC to 343ºC) [1000ºF (537ºC) in the absence of oxygen].

PHYSICAL CHARACTERISTICS - TYPICAL:

Color	Gray-Black
Recommended Coating Thickness	.0002” to .0005” (cured)
Cure Temperatures and Time	Air Dry 30 Minutes to Handle Two to Four Hours Before Use
Coverage Per Can	30 sq. ft.
Shelf Life @ 68ºF (20ºC) to 78ºF (26ºC)	12 months
Method of Application	Aerosol Spray
Flash Point ºF (ºC)	25 (-4) TCC
Temperature Use ºF (ºC)	-100 (-73) to 650 (343)

APPLICATION:

Surface to which coating is to be applied should be clean and dry. Grease or oil film should be removed by solvent cleaning or vapor degreasing. If surfaces are heavily corroded or rusty, remove by mechanical or chemical means.

Prior to use shake contents thoroughly. Listen for rattle of mixing ball when applying the film. Hold the can approximately 8-12 inches from the surface and spray with a sweeping motion. Avoid excessive, thick film. A thin film is adequate for most applications. If a heavier film is desired, apply successive thin films, allowing sufficient drying time (10 minutes) between applications.

RECOMMENDATION:

Use with adequate ventilation. Contains flammable solvents. Store below 120ºF (49ºC). **Do not store near heat, sparks or flame.**

LUBRICATION ENGINEERS, Inc.®

300 Bailey Ave Fort Worth, Texas 76107
817-834-6321 • 800-537-7683 • fax 817-834-2431
http://www.le-inc.com

LE PRODUCTS MANUFACTURED UNDER AN ISO 9001:2000 CERTIFIED QUALITY SYSTEM

SUGGESTED USES:

Provides long lasting lubrication of surfaces where friction is a problem, such as gears, actuators, cams, hinges, pins, shafts, tracks, threaded parts, frictional bearings, pistons, cylinders, valves and latches.

Prevents galling, seizing and fretting over a wide temperature range for splines, threaded connections and disconnects. Lubricates effectively even after long periods of non-use.

Provides dependable lubrication in many extreme or unique environments. i.e. In a vacuum and extreme low or high temperatures where conventional lubricants would prove unstable or inadequate.

A thin film applied to parts for assembly or press fitting will reduce the force required and allow disassembly without scoring.