

# SG – 600

## DRY FILM LUBRICANTS

### GENERAL DESCRIPTION :

SG-600 is a dispersion of Molybdenum Disulphide in a fast drying solvent system with a minimum amount of binder. The resultant film has superior adhesion and exceptional wear life.

This solid film lubricant prevents galling and seizing of mating metal surfaces under operating conditions of high loads and slow speeds. SG-600 is effective from -74 °C to 400 °C.

### RECOMMENDED USAGE :

SG-600 is an excellent general-purpose dry lubricant for a variety of uses. A thin film of SG-600 will allow effective assembly and disassembly of threaded connections without galling or seizing. In machine shops, apply to bed ways, guides, lead screws, dead centers etc, for smooth trouble-free operations. New and rebuilt parts treated with SG-600 will break-in with low friction and no surface damage during start up.

### RECOMMENDED APPLICATION :

Surface to which coating is to be applied should be clean and dry. Solvent cleaning or vapour degreasing should remove oil or grease films. If surfaces are heavily corroded or rusty, remove by mechanical or chemicals means.

### PHYSICAL PROPERTIES :

⇒ Colour	Dark Grey
⇒ Coefficient of friction	.23 (Static)
⇒ Flash point	None
⇒ Layer Thickness	7-15 micron
⇒ Temp.Range	-74°C to 400 °C
⇒ Binder	Inorganic i.e. (Not Sodium Silicate)