TIOLUBE 29

TIOLUBE 29: is an extreme environment high temperature solid film lubricant. It can be used in hard vacuum, radiation, liquid oxygen, liquid hydrogen.

TIOLUBE 29: is recommended for use on fasteners, sleeve bearings, rocket engine hot gas valves, jet engine shafts, bushings, etc.

TIOLUBE 29: is also resistant to most organic solvents, skydrol, oils and degreasers. This lubricant may be applied on all metals by spraying, dipping, or brushing.

PHYSICAL PROPERTIES

Operating Temperature Range: -400°F to 850°F
Flash Point: None (water based)
Color: Dark Gray
Shelf Life: Six (6) Months
Recommended Dilution: None, use as is
Lubricative Pigment: MoS2
Vehicle Type: Sodium Silicate
Wear Life: One hour on Falex at 1000 lb jaw load
Vacuum or Space Compatibility: Weight loss negligible after exposure to a vacuum of 1.0x10⁻¹² mm Hg
Thinner: Water
Bake Schedule: Air dry 15 Minutes between Coats then:
Bake Two (2) hours at 150°F
Plus two (2) hours at 400°F

NOTE: Tiolube 29 meets the requirements of Mil-L-81329, NATO Code S-1737.