



Aerolube Technologies



Technical Data Sheet

3015 Graphite Dry Film Lubricant

Product Description

Stanvac 3015 is a combination of specially processed micro fine graphite solid film lubricant and special anti-wear additives. On spraying, it deposits a thin film that air dries quickly without requiring any baking or heating. It bonds onto metal surfaces to form a coating to protect the surface from wear and friction and provides lubrication under hostile operating conditions of temperatures and high loadings. It has very good resistance to water and chemicals and is electrically conductive.

Applications

For electrically conductive applications as in cathode ray tubes and for protection and lubrication of electrical components. As a conductive coating / sealant for preventing bimetallic corrosion, arcing, heat freezing and for improving low conductivity in electrical parts such as contactors, air circuit breakers, bus bars, isolator jaw breakers in 11KV and higher voltage systems.

Benefits

- Lowers friction, prevents galling and seizure
- Does not attract dust and resists dirt buildup
- Provides oil free lubrication to sliding components
- Withstands high temperatures up to +500°C
- Prevents metal-to-metal contact and reduces wear and tear of machinery
- Quick bonding, air-drying and does not require any special treatment
- Does not dislodge or blow away under high loads and pressures
- Withstands corrosive and hostile environments
- Does not contain any ozone depleting substances, CFC's or harmful chlorinated solvents

Directions for Use

Shake the can vigorously for a couple of minutes before spraying till the bearing noise from inside the container is audible. Repeat before every application. Spray onto a clean, dry and degreased surface. Only a thin film of this lubricant is required. Allow solvents to evaporate. Spray from a distance of 20-30 cm. Repeat if necessary. Excess lubricant may fall off during assembly. For cleaning the valve dip-tube after spraying, invert the can and depress the actuator button for a few short bursts till only the clear propellant comes out.

Caution

Do not spray near naked flame, hot surfaces or energized equipment. Use with adequate ventilation.

General

Use in well ventilated areas. Avoid continuous breathing of vapor and spray mist. In closed areas or areas with poor ventilation, use respiratory protection. For complete details on safety, short and long term exposure, refer to this product's safety data sheet (SDS).

Available Packaging

500 ml aerosol spray

Shelf Life

24 months from date of manufacture in sealed condition.

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TECHNICAL PROPERTIES			
PARAMETER	VALUE	UNIT	METHOD
Type	Dry film lubricant		
Appearance	Dry paint like liquid		
Color	Black		
Odor	Solvent		
Specific gravity	<1	g/cc	
Upper temperature limit	+500	°C	
Flash point	-18C (aerosol)	°C	
Water resistance	Completely resistant		
Vapor pressure	>air		
Evaporation rate	> n-butyl acetate		
Coverage	2-3	m ² /s	
Propellant	Non CFC		
Electrical conductivity	Excellent		

Disposal

All used and unused product should be disposed of in accordance with state regulations.

Handling

Read instructions on the container label of the product before use. The product safety data sheet (SDS) contains the relevant information regarding personal protective equipment, safe use, physical and health hazards. Safety data sheet is available from Aerolube or your local Aerolube distributor.

Limited Warranty

The information and data contained in this sheet is accurate to the best of our knowledge or is obtained from sources, tests or experiences believed by us to be reliable and accurate. User is responsible for determining whether recommended Stanvac product is fit for a particular purpose. All products should be tested for suitability on a particular application prior to actual use. We make no representations of any kind. Data offered without warranty. Product manufactured is for industrial use only.

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