



Technical Information

1700

Graphite Dry Film Lubricant

Product Description

ASV® 1700 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 cms. 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 (aerosol)

Contains flammable solvents and propellant. Do not spray near naked flame, hot surfaces or energized equipment. Use with adequate ventilation.

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Technical Properties

Property	Value
Type	Dry film lubricant
Appearance	Dry paint type film
Color	Black
Odor	Solvent
Specific Gravity @ 20°C gm/cc	Lesser than 1.00
Temperature Range °C	+500
Flash Point	-18°C (aerosol)
Water Resistance	Completely resistant
Vapor Pressure (air=1)	> air
Evaporation rate	>n-butyl acetate
Coverage	2-3 m ² /can
Propellant	Non CFC
Electrical conductivity	Excellent

* of active ingredients

Available Packaging

- 500 ml aerosol spray

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).

Disposal

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

Shelf Life

24 months from date of manufacture in sealed condition

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 ASV or your local ASV 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 ASV® 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.

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