



Aerolube Technologies



Technical Data Sheet

3003 Penetro-Lube

Penetrating Oil For Loosening Screws & Frozen Parts

Product Description

Stanvac 3003 Penetro-Lube is a fast acting, low surface tension, low viscosity, deep penetrating lubricant designed to quickly loosen rusted or frozen components. It penetrates hard to reach areas to displace moisture and remove grease, oil and other light contaminants. It rapidly travels to the minuest cracks and penetrates to free rusted parts, threaded connections or frozen mechanical components to enable non-destructive and fast disassembly.

Stanvac 3003 Penetro-Lube does not contain any chlorinated solvents, CFCs or ozone depleting chemicals. It contains safe non-flammable CO₂ propellant and features a 360° Spray valve for enabling the product to be sprayed in any position-even inverted.

Applications

Recommended for loosening all nuts, bolts, bearings, fasteners, screws, hinges, rusted and frozen parts.

Benefits

- Low surface tension and unique viscosity formula penetrates faster & deeper to free jammed or rusted parts
- Rapidly penetrates through rust & corrosion to free seized or frozen parts
- Displaces moisture & cleans surfaces from light contaminants such as grease, oil, dirt & dust
- Provides mild lubrication
- Enables fast non-destructive disassembly of components
- Contains safe non-flammable CO₂ propellant

360° Spray Valve allows product to be sprayed in any position-even inverted

Directions for Use (Bulk)

Apply by means of brush or by dipping component into the fluid. Allow solvents to penetrate and free rusted parts. Period for penetration may vary depending upon the length of time the product has been rusted for and in some cases may even take up to hours. Use an absorbent rag or a brush to remove dirt, rust, scales & dust. For moisture displacement, apply onto surfaces till only clear product (amber-pale straw) comes out and the emulsified residue is totally cleared. Never use on energized circuits or hot surfaces. Clean and dry surfaces completely before applying power. For metal protection, dip components or apply by brush and do not wipe off protective film from the surface.

Directions for Use (Aerosol)

For rust penetration, spray liberally onto the surface. Allow solvents to penetrate and free rusted parts. Period for penetration may vary depending upon the length of time the product has been rusted for and in some cases may even take up to hours. Use an absorbent rag or a brush to remove dirt, rust, scales & dust.

Caution Contains flammable solvents. 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).

Aerolube Technologies

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3003 Penetro-Lube

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TECHINCAL PROPERTIES		
Property	Value	Value
	Aerosol	Bulk
Type	Rust Penetrant	Rust Penetrant
Appearance	Liquid	Liquid
Color	Pale straw	Pale straw
Odor	Mild	Mild
Specific Gravity @ 20°C	0.80-0.85 gm/cc	0.80-0.85 gm/cc
Flash Point - solvent	-18°C (aerosol)	+65°C (+140°F)
Dielectric Strength	>20 kV/mm	>20 kV/mm
KB Value (Kauri Butanol)	>30	>30
Surface Tension (Dyne/cm)	<30	<30
Evaporation Rate (BA=1)	<1	<1
Vapor Pressure	>air	>air
Type Of Film	Ultrathin	Ultrathin
Solubility	Nil in water	Nil in water
Propellant	CO ₂	NA

* of active ingredients

Available Packaging

500 ml aerosol spray, 5 litre, 30 litre

Shelf Life

24 months from date of manufacture in sealed condition.

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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