NewEraLube™ Dry Lubricant

Outperforming Next Generation NanoTechnology

Product Info

NewEraLube™ Dry Lubricant is a nanoscopic penetrating lubricant that preserves, lubricates, and repels moisture and atmospheric contaminates from hard surfaces: machining tools, gun metal, plastics, fiberglass, polycarbonate, galvanized metal surfaces, copper, brass, stainless steel, aluminum, titanium, high carbon steel, nickel, cobalt, and other metal surfaces. **NewEraLube™ Dry Lubricant** lubricates, protects, reduces friction, enhances film strength and anti-wear properties, and contains no silicones, PTFEs, oils, waxes, or petroleum distillates.

Where to Use

Wherever nano-lubrication or dry lubrication and broad service corrosion protection is required: Automotive, Watercraft, Bicycles/Motorcycles, Marine, Fishing Gear, MEMS manufacturing, Close tolerance hydraulics, Pneumatics, Miniature gearing, or any bearing application where traditional petroleum lubrication is undesirable or problematic, Weapons, armory

Features

Reduces friction between moving parts
Minimizes wear and build-up of wear related debris.
Eco-friendly
Adds no weight or dimension to treated surfaces
Cures at room temperature to an invisible shield.
Nano Components: Metallic Zinc, Graphite, Titanium, Magnesium
Compatible with all surfaces.

Benefits

- Formulated to meet the complete requirement of cleaning, lubricating, and preserving items in virtually all climate conditions.
- **Cleaning:** Additives in formulation aid in the effective removal of built-up dirt, lead, copper, carbon, powder residue or corrosive particles that can buildup and become abrasive.
- **Lubrication:**
  - **NewEraLube™ Dry Lubricant** works DRY.
  - Product does not require a liquid carrier to be present for protection and lubrication.
  - It will not separate, become sticky, or leave any tacky residue behind.
  - It will not attract dust or dirt particles like petroleum products.
  - In firearms, it will not attract and hold firing residue, dust, or dirt particles like petroleum products.
- **Preservation:**
  - After cleaning, a nano-film of our enhanced preservatives immediately bonds and forms a barrier film on and in the surface.
  - It displaces water and provides a corrosion resistant barrier against rust, dirt, and atmospheric fouling.
  - It is designed to protection against hydrogen sulfide (H2S), mild mineral acids, carbon dioxide (Co2), saltwater and brackish environments, musky water, chlorine, and adverse environments.
  - ASTM: D445, B-117, D3233, D665.

Use Instructions

- For best protection, heavy deposits of grease and grime should be removed before applying.
- Apply to surface liberally on first application.
- Allow to penetrate surface on first application approximately 5 to 10 minutes.
- Wipe excess lubricant from surface to leave a dry surface to the touch.
- This will also help when it comes to dirt not sticking to treated items.

Tips/Notes

- On second cleaning these pores will fill in with additional lubricant and a new protective barrier will be formed making subsequent cleanings much easier and faster.
- As items are used and heat up, it penetrates even deeper into the pores of the metal.
- Formulated to meet the complete requirement of cleaning, lubricating, and preserving both small and large caliber weapons in virtually all climate conditions.
  - Additives in formulation aid in the effective removal of built-up dirt, lead, copper, carbon, powder residue or corrosive particles that can buildup and become abrasive to both recoil and gas operating mechanisms of firearms.
- Do not dilute.

Storage

Keep container closed when not in use.
Store out of direct sunlight.
Keep from Freezing.
Avoid temperatures above 90 °F, or below 40 °F.

Quick Specs

Size: 1-gal, 4-gal, 5-gal pails, 55-gal drums, 275-gal totes

Appearance: Milky Liquid
Fragrance: Slight Sweet Aromatic
pH: 6.8 – 7.4
Specific Gravity: 1.0 – 1.05
Stable under normal ambient temperature and conditions.