CORROSION BLOCK®

KILLS CORROSION ON CONTACT...

PREVENTS NEW CORROSION FROM FORMING

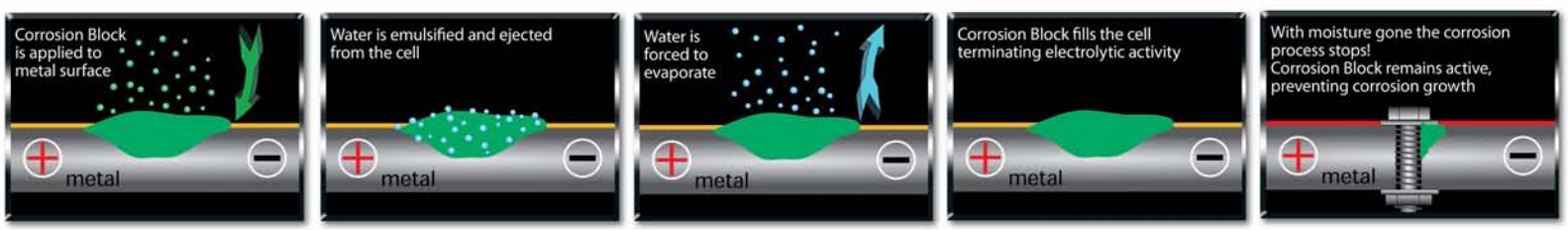


- ***CLEAN, CLEAR ULTRA THIN FLUID***
- ***NON-GREASY ATMOSPHERIC BARRIER***
- ***SPRAY DIRECTLY INTO ELECTRICAL CONNECTIONS***
- ***PREVENTS CORROSION INDUCED FAILURES***
- ***EXTENDS COMPONENT LIFE***

All subterranean mining enterprises operate in harsh conditions where both humidity and naturally corrosive elements in the soil lead to a severe corrosion problem. This type of environment costs the Industry billions in repair, replacement and maintenance.

All forms of corrosion are found here and affect unprotected steel and aluminium surfaces, as well as “all” electrical systems and components. Pitting corrosion, galvanic, cracking, surface, inter granular, de-alloying, fretting and high temperature corrosion are present.

A maintenance solution to the ravages of corrosion is the Corrosion Block line of anti-corrosion fluids and greases. Corrosion Block uses polar bonding to attach its molecules to ferrous or non-ferrous metals, a microscopic thin film (less than .0004 of an inch) layer is established that is totally hydrophobic and will not conduct electricity (dielectric to 40kV).



PROTECTS • PENETRATES • LUBRICATES ALL METALS & ELECTRONICS



CORROSION BLOCK’S THIN FILM ACTS LIKE AN “OFF SWITCH” FOR CORROSION...
REMAINING EFFECTIVE FOR UP TO 12 MONTHS

Corrosion Block does not leave a sticky residue as it contains no solids. It is also very low in VOC's contributing to a healthier air quality. Being hydrophobic and dielectric Corrosion Block can be used directly on electronics an electrical contacts. Areas that benefit from these features are the ground based installations like high voltage electrical panels, switch gear, and transformers.

Maintenance engineers from global mining operations agree there several areas that are especially vulnerable to corrosion and which can greatly benefit by a regular corrosion maintenance schedule.

The electrical systems of any mining operation represent the nerve centres which act as the command and control for the entire operation. Critical among them are the internal/external and subterranean lighting, CCTV and communications systems. All of these are susceptible to moisture induced corrosion.

BEING PROACTIVE IS THE BEST WAY TO PROTECT YOUR INVESTMENTS

- Electronics
- Switches
- Relays
- Junction Box
- Fuse Panels
- Connectors and Pins
- Motor Operated Valves
- Terminal Strips
- Electric Motors
- Solenoids
- Starters
- Battery Terminals
- Engine
- Circuit Breakers
- Security Systems
- Locks
- Generators
- Alternators
- Control Panels
- Valves
- PCB's
- Thread Connections
- Circuit Boards
- Battery Terminals
- Bolts, Screws and Hardware
- Engines
- Mining Equipment
- Joints and Welds
- Electrical Systems





CHOOSE THE BEST PRODUCT FOR YOUR APPLICATION

Corrosion Block in aerosol or bulk liquid for quick and easy corrosion protection.

CORROSION BLOCK®



Corrosion Block XD Thixotropic Gel for heavy duty use in the harshest conditions.

XD



Corrosion Block Waterproof Grease out performs lithium and most synthetic greases, and meets requirements for NLGI GC-LB.

WATERPROOF GREASE

NLGI GC-LB



- **Prevents Corrosion Caused by Condensation**
- **Approved use on Ferrous and Non-Ferrous Metals**
- **Protects Electrical Systems and Components**
- **Contains No Wax, Silicon, or Other Solids**
- **'Active' for up to 12 Months**
- **Excellent Lubricant and Penetrant**
- **Easy Application**

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