

# ESSENTIALS

When performance and reliability are essential, you need DeoxIT® products!

*Guide*



Get to know CAIG Labs extraordinary line of products . . .

Improve the performance, reliability & longevity of ALL electronic equipment, *Guaranteed!*



**CAIG**  
LABORATORIES, INC.



Home of the DeoxIT® family of Environmentally-Safer Contact Cleaners and Connector Enhancing Treatments  
Made in USA

## • **What makes DeoxIT® products different?**

**DeoxIT® Essentials are four unique formulations guaranteed to improve the performance and reliability of ALL electronic devices and equipment.**

General “contact cleaners” are effective in washing away dirt, dust, and grime from surfaces, but prove ineffective for removing oxidation and metal sulfides.

These tough contaminants actually attach to, and become an integral part of the contact metal, causing reduced performance, system failures and increased service calls.

The only true method of eliminating oxidation and surface sulfides is by chemical action and reaction, and that’s what puts **DeoxIT®** products in a class by themselves.

So when you want to do general cleaning and remove dust, dirt, and grime, and other surface contaminants, use a general flushing cleaner (CAIG part #DCC-V511, DDW-V611, DFW-V711). But when you need to safely cure contact related problems and dramatically improve equipment performance . . .

**... CHOOSE DeoxIT®.**

The **DeoxIT® Essentials**, world recognized as the best products to improve the performance and reliability of ALL your electronic devices and equipment, **GUARANTEED!**

**When performance and reliability are essential, you need the DeoxIT® Essentials!**



**Atmospheric contamination causes poor performance, intermittent signals or in some cases, total device failure.**

**Problem with contact cleaners:**

- ✗ Solvents flush away surface contamination but do not solve the problem
- ✗ Cannot remove oxides and sulfides, the major cause of decreased performance and failures
- ✗ Do not improve conductivity
- ✗ Most are not safe on plastics
- ✗ High waste, less eco-friendly

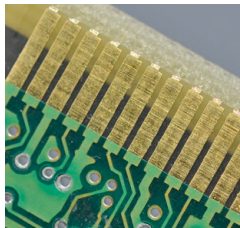


Corrosion you **CAN** see

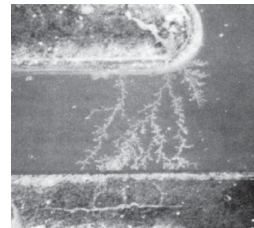
**DeoxIT® Solutions:**

- + Do not require solvents
- + Active ingredients chemically remove surface contamination (oxides and sulfides) without harm to metals and plastics
- + Increase conductivity (without causing shorts)
- + Seal & protect surfaces
- + Actively displace moisture & contaminants
- + No waste - safer for the environment
- + Work, when others do not!

***Bottom Line - DeoxIT®, Guaranteed to Improve the Performance & Reliability of ALL Equipment & Parts!***



Connections **APPEAR** clean (even after using generic contact cleaners or alcohol)



Corrosion you **CAN'T** see (what lies beneath)

# • DeoxIT® D-Series

*Improves & Protects Metal-to-Metal Connections & Contacts*

## **Contact Cleaner and Rejuvenator** **“Bring Old Systems Back to Life!”**

(Strongest cleaner/deoxidizer in the DeoxIT® line)

*Fast acting solution that removes oxidation, cleans, improves conductivity, and lubricates & protects.*

- + Remove/displace oxidation & corrosion
- + Reduces intermittent connections
- + Improves signal quality & data transfer speeds
- + Reduces wear and abrasion
- + Actively displaces moisture & contaminates
- + Cleans, lubricates, and seals connections

### **Where to Apply DeoxIT® D-Series:**

- + ALL Metal Connections
  - + Batteries, Light Bulbs
  - + Switches and Relays
  - + Jacks and Plugs
  - + Harnesses, Grounding Blocks
  - + RCA jacks, XLRs, USB, HDMI, Ethernet, etc.
- **Temperature Range for DeoxIT® D-Series:**  
-34°C (-29° F) to +200° C (400° F)



**DeoxIT® D-Series** contact cleaner removes oxides and sulfides that form on metal surfaces. This restores the contact's integrity and leaves a thin microscopic layer that protects the metal. Special additives improve conductivity and prevent dissolved oxides from re-attaching, keeping them in suspension and allowing them to be easily dispersed by the mechanical action of the contact.

### **Directions for use:**

Turn off device. Apply **DeoxIT® D-Series** contact cleaner, wait 2 minutes, wipe with a clean lint-free cloth or swab. *If you notice a green/black coloration, this indicates dissolved oxides.* Repeat process until the cloth appears clean. Wipe off excess. Wait 2 minutes, then turn on device.

**NOTE:** Use **DeoxIT® Gold G-Series** on gold metal surfaces (i.e., nonferrous or other precious metals).

# • DeoxIT® Gold G-Series

Improves & Protects Gold Plated Connections & Contacts

Contact Enhancer & Protector  
for Gold Surfaces & Critical Applications

“Maximize System Performance”

- + Reduces noise and distortion
- + Improves clarity and definition
- + Faster & reliable data transfers
- + Reduces wear & abrasion
- + Prevents fretting / dendrite corrosion
- + Stabilizes connections between similar and dissimilar metals
- + Ideal for surfaces under vibration
- + Reduces arcing, RFI and intermittents

## Where to Apply DeoxIT® Gold:

- + Computer connections
- + Audio/video connections
- + Low voltage devices
- + Switches, RCA jacks, HDMI, Ethernet, etc.
- + Nonferrous metal surfaces
- + Test equipment, probes and sockets
- + High performance and critical applications

## Temperature Range for DeoxIT® Gold Products:

- DeoxIT® GOLD G100L: -34°C to 240°C
- DeoxIT® GOLD GxL: -45°C to 310°C
- DeoxIT® GOLD Gx2: -45°C to 400°C



**DeoxIT® Gold G-Series** is a unique formulation which conditions, seals, and protects gold plated metal connectors and contacts. **DeoxIT® Gold** is ideal for gold and all nonferrous metal surfaces. It deoxidizes minor amounts of surface contamination, penetrates plated surfaces, and molecularly bonds to the base metal, sealing and protection all surfaces.

## Directions for use:

Turn off device. Pre-clean with **DeoxIT® D-Series** contact cleaner on heavily oxidized surfaces. Apply **DeoxIT® Gold G-Series**, wait 2 minutes, wipe with a clean lint-free cloth or swab. *If you notice a green/black coloration, this indicates dissolved oxides.* Repeat process until the cloth appears clean. Then wipe off excess. Wait 2 minutes, then turn on device.

# • DeoxIT® Gold G-Series

Considering the hundreds (if not thousands) of connections in electronic equipment today, it is only a matter of time before they begin to fail, primarily due to oxidation and corrosion.

Physical and chemical changes in surface conditions of electrical or electronic connectors are a primary cause of degraded performance in components and equipment.

When contact surfaces are exposed to dust, smoke, gases, soot, and other solids suspended in the atmosphere, non-metallic films form, inhibiting conductivity. Oxidation is the most common reaction causing metal oxide formations.

Salt-laden air in coastal areas corrodes most metals, forming chloride films. Humidity, condensation, salts, sulfur, and acid fumes are also common causes of rust, corrosion, and oxidation. Added resistance and friction between metal surfaces can also cause abrasion, noise, freeze-up, and in some cases, increased power consumption.

## *DeoxIT® Gold G-Series*

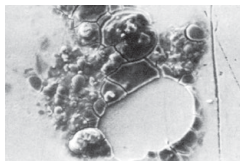
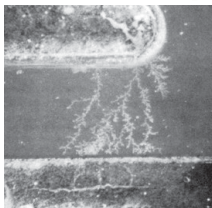
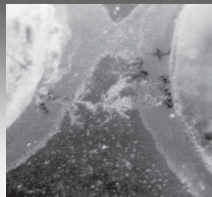
DeoxIT® Gold G-Series is specifically formulated to improve conductivity and provide long-lasting protection on gold, precious metals and their base metals. It

penetrates connectors, contacts, and other metal surfaces and conditions these surfaces; thus enhancing the conductivity characteristics to efficiently transmit electrical signals.

DeoxIT® Gold can be used on all metal surfaces and is formulated to remove minor amounts of oxidation caused by wear, abrasion or dendrite corrosion. DeoxIT® Gold coats the entire contact surface and connection, providing superior protection from abrasion (insertion resistance), dendrite corrosion, arcing, RFI, wear, and atmospheric contamination, even under vibration.

DeoxIT® Gold is effective on stationary and moving contacts and connectors with similar or dissimilar metals. When a treated and untreated connector mate, DeoxIT® Gold migrates to coat both surfaces. When connectors separate, DeoxIT® Gold recoats both exposed metal surfaces.

DeoxIT® Gold's unique formula contains conditioners, deoxidizers, preservatives, conductivity enhancers, arcing & RFI inhibitors and anti-tarnishing compounds. This reduces intermittent connection problems and significantly increases the quality and reliability of electrical and electronic components and equipment.



***Prevent  
dendrite/ fretting  
corrosion & blistering  
of metals.***

## • DeoxIT® Shield



### **Contact/Connector Sealant & Protectant for Severe Environments!**

- + Maintains connection integrity
- + Superior lubrication and protection in harsh environments (humidity, salts, pollutants, sulfur, etc.)
- + Prevents data errors, lockups, and intermittents
- + Reduces arcing, RFI, wear, and abrasion
- + Prevents oxidation and corrosion

**DeoxIT® Shield S-Series** is recommended for newly manufactured components, or those pre-cleaned with **DeoxIT® D-Series** contact cleaner.

- **Temperature Range for DeoxIT® Shield S-Series:**  
-34°C (-29° F) to +210° C (410° F)

## • DeoxIT® Fader



### **Lubricates & Protects Conductive Plastic Faders & Controls**

- + Lubricates Faders, Switches, Potentiometers & other Mechanisms with Sliding Surfaces
- + Maintains Optimum Signal Quality
- + Reduces Wear & Abrasion
- + Maintains Tactile Feel

**DeoxIT® Fader F-Series**, is also effective on conductive membrane switches and components. Oil, grease, and acids build up on membrane surfaces due to repeated finger contact, leading to device malfunction. These contaminants are displaced above the **DeoxIT® Fader** layer preventing contact with the plastic membrane. Applying **DeoxIT® Fader** provides improved performance and long-lasting protection.

- **Temperature Range for DeoxIT® Fader F-Series:**  
-26°C (-15° F) to +150° C (302° F)

# • DeoxIT® Grease - Type M260, L260 & L260D Mechanical and Electrical Grease

## Treatment for Mechanical and Electrical Parts & Equipment

**DeoxIT® Grease, Type M260:**  
Mineral-based preparation.

**DeoxIT® Grease, Type L260:**  
Lithium-based preparation.

**NEW! DeoxIT® Grease, Type L260D:**  
Lithium-based *infused* with DeoxIT® Dx100L.

**Np Series:** No particles.

**Cp Series:** Copper (conductive) particles.

**Ap Series:** Aluminum (conductive) particles.

**Gp Series:** Graphite particles.

**Qp Series:** Quartz (Non conductive) particles.

**GQp Series:** Quartz/Graphite (non conductive)

Manufactured in semi-solid form for use as a combination cleaning, deoxidizing, protecting and lubricating preparation. Greases protect against oxidation (galvanic corrosion) and are free of mineral acids, sulphurs, alkalis and other noxious components aggressive to metals. DeoxIT® Greases improve performance of electrical contacts and mechanical components that require precise lubrication.

• **Temperature Range for DeoxIT® Greases:** -40°C (-40° F) to +260° C (500° F)



**NEW DeoxIT® Grease L260D Series:** The infusion of DeoxIT® D-Series Dx100L into the formulation provides an additional film on the metal surface to dissolve corrosion, improve conductivity and provide a moveable/flexible protective barrier. This is important when and if the grease is disturbed and separates from the metal surface. When the grease is first applied, the infused DeoxIT® Dx100L transfers to the metal and coats the entire surface; sealing and protecting the metal even if the grease is separated from the surface (vibration or mechanical movement). *No other grease does this!*



# • DeoxIT® L27 Marine Grease & Products Mechanical and Electrical Grease

Grease for High Moisture & Salt Environments

## WHY Another Marine Grease?

Marine greases currently do a good job lubricating and protecting mechanical devices and equipment. However, they do not address a common issue that effects all metals, existing oxidation/corrosion on the surfaces. CAIG's DeoxIT® L27 Greases contain *special additives which remove and displace most surface oxidation and corrosion on metals* (no other products do this) while providing excellent lubrication and protection. Manufactured in semi-solid form for use as a combination cleaning, deoxidizing, protecting and lubricating preparation. Greases protect against oxidation (galvanic corrosion) and are free of mineral acids, sulphurs, alkalis and other noxious components aggressive to metals.

DeoxIT® L27-MM Greases improve performance of mechanical components that require precise cleaning, lubrication & protection.

DeoxIT® L27-ME Greases improve performance of electrical contacts and connections subject to severe moisture, corrosion and contamination.

For severe oxidation and corrosion, quartz particles are available in the greases. Part Nos: L27-MM-Q and L27-ME-Q.

### • Temperature Range for DeoxIT® L27 Grease:

-40°C (-40° F) to +260° C (500° F)



MARINE  
Glass/Plastic  
& Screen  
Cleaner

MSC-504-08  
MSC-504-1G

# • HAND-E-GLOVE® & HAND-E-SCRUB™

Clean, Protects & Shields Your Hands



## A Unique Hand Lotion that Creates an Invisible Glove

Protects and Shields Your Hands from  
Dirt, Oil, Grease, Chemicals and  
Harsh Contaminants While You Work

+ Conditions + Moisturizes + Non Greasy



**AVOID THIS!**



**USE THIS!**



Simply apply  
HAND-E-GLOVE®, and  
your hands are protected,  
It's that simple!

- Moisturizes Skin
- Safe / Tested
- Non-Greasy
- Does Not Impair Grip



PART # EEP-102  
(NSN 6850-01-645-1291)  
Net Wt: 2.0 oz (59 mL)

PART # EEP-102-16  
(NSN 6850-01-645-1293)  
Net Wt: 16.0 oz (472 mL)

PART # EEP-102-128  
(NSN 6850-01-645-1208)  
Net Wt: 1 Gallon



PART # EEP-102-PP12, Pillow Packs, 12 ea.  
PART # EEP-102-PP50, Pillow Packs, 50 ea.  
(NSN 6850-01-645-1207)



PART # HES-103-2  
Net Wt: 2.0 oz (59 mL)

PART # HES-103-16  
Net Wt: 16.0 oz (472 mL)

PART # HES-103-128  
Net Wt: 1 Gallon

### Use at

- Home and Work: + Tile Work + Gardening  
+ Mechanics + Motor Sports + Cleaning Solutions  
+ Electronics + Hobbies & Crafts + Abrasives  
+ Painting + Grease and Oils + Anti-Static

# • CAIG Professional Washes, Cleaners & Lubes

Contact Cleaner  
Spray WASH

Degreaser  
Spray WASH

Flux  
Spray WASH

DustALL™ Spray

Shredder Oil

Whiteboard  
Dry Erase  
Cleaner/Protectant



Part No.:  
DCC-V511  
(156 g)



Part No.:  
DDW-V611  
(156 g)



Part No.:  
DFW-V711  
(156 g)

Part No.:  
CCS-2000  
(10 oz)  
CCS-2005  
(4.5 oz)



Part No.:  
CL-PSL-8  
(236 mL)



Part No.:  
CL-WBC-8  
(236 mL)  
**NEW & IMPROVED**



**CaiKleen™ RBR**  
Rubber Cleaner & Rejuvenator

**DeoxIT® Lube**  
Precision Instrument Oil

**MechanicALL™**  
High Penetrating Anti-Corrosive Lubricant  
(Non-flammable)



Part Nos.:  
RBR100L-25C  
(needle),  
RBR100L-12  
(354 mL)



Part Nos.:  
X10S-P (oiler)  
X10S-25C  
(needle),  
X10S-32  
(bulk)

Part No.:  
M100L-32  
(32 oz)



Part No.:  
M100L-25C  
(25 mL)

# • Other CAIG Professional Products



## Vinyl Record Cleaning Solution DISC & SCREEN Cleaning Solution

Part No.: CL-VRC-08 (236 mL)    Part No.: CL-DSC-08 (236 mL)  
Part No.: CL-VRC-32 (944 mL)    Part No.: CL-DSC-32 (944 mL)

## Equipment Cleaning Solutions & Kits

Part No.: CL-ECP-02 (59 mL)  
Part No.: CL-ECP-08 (236 mL)  
**NEW & IMPROVED**



## Deoxit® Gold Vacuum Tube Survival Kit Part No. SK-GXMD



## Deoxit® AxeWipes Get better sound quality from ALL your metal strings



Part No.: AX1W-20  
Part No.: AX30W (30 wipes)    Individual Wipes (20 wipes)

## Screen Cleaners

Part No.: CCS-502 (2 oz)  
Part No.: CCS-503 (22 oz)  
Part No.: CCS-503-1G (1 Gal.)  
**NEW & IMPROVED**



# • Retail Products - Standard/Custom



**DeoXit® SURVIVAL KITS**  
Part Nos: SK-AV35 and SK-IN30



Part No.: DN55-2N



Part No.: DGN55-2N



Part No.: K-DG100L-2DB

## Retail POP Connector Cleaning, Sampler Kits & Custom Kits



Cell Phone Kit:  
Part No. D100L-CPK



Battery Cleaning Kit:  
Part No. D100L-B2C

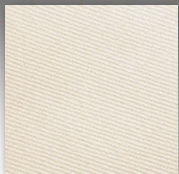


DeoXit® Cleaning Kit:  
Part No. D100L-16BX



DeoXit® Sampler Kit: Part No. K-2C

# • CAIG Professional Accessory Products



**Lint-Free  
Cotton Cloth**  
Part No. LFC-C



**Lint-Free  
Polypropylene Cloth**  
Part No. LFC-P



**Lint-Free  
MicroFiber Cloth**  
Part No. MFC-OG-10G



**Lint-Free  
Equipment Dusting Brush**  
Part No. B-GHS-M



**Lint-Free Foam Swab**  
Part No. SWP  
(1/4 x 3/4 x 4-1/2")

**Lint-Free Foam Swab**  
Part No. SWPX  
(1/8 x 1/2 x 2-3/4")

**Micro Pointer Swab**  
Part No. SWPP  
(1 mm to 2 mm Head)



**Fiber Optic Swabs**  
Part No. PCS-125-20  
Cleaning surface 1.25 mm x 15 mm (134 mm Long)  
Part No. PCS-250-20  
Cleaning surface 2.5 mm x 15 mm (134 mm Long)



**Brush, Stainless-Steel**  
Part No. B-S5116  
(1/16" dia., 4" length)



**Brush, Nylon**  
Part No. AB  
(3-6 mm x 20 mm length)

**Retail Packaging  
for Accessories  
and Most Products!**



# • Other CAIG Professional Products

CAIG Brand Rosin Soldering Flux  
Standard RSF-R80 and NO-CLEAN RSF-R39

**NEW!  
NO-CLEAN**



The RMA paste flux meets  
DOD-STD-2000 & also the  
IPC-J-004 standard for type

RSF-R80 Part Nos.:  
RSF-R80-2 (56 g),  
RSF-R80-8 (226 g),  
RSF-R80-8G (syringe)  
RSF-R80-3KG (3.6 Kg)

RSF-R39 Part Nos.:  
RSF-R39-2 (56 g),  
RSF-R39-8 (226 g),  
RSF-R39-8G (syringe)  
RSF-R39-3KG (3.6 Kg)

CAIG Brand  
Tip Tinner/Cleaner



Part No.: TPC-14 (14.2 g)



**CircuitWriter™**  
Conductive Silver Coating  
(for rubber, epoxy, glass, plastic)



Part Nos.: CW100P (precision pen)  
CW100L-4 (125 g), CW100L-32 (1000 g)

**CircuitSealer™**  
Conformal Coating  
(for epoxy, glass, plastic)



Part Nos.: CS100P (precision pen),  
CS100L-12 (354 mL)

**Heat Sink Compounds**  
Silicone (Silver and  
Ceramic Available)



Part No.: HSC67-6G  
(6 g)

**CaiKote™ 44**  
Conductive Silver/Carbon Coating  
(for rubber, epoxy, glass, plastic)



Part No.: K-KC44-G (1 g)  
CK44-8 (226 g)

# • Other CAIG Professional Products

## DeoxIT® Heavy-Duty Battery Cleaner & Protectant



Part No.:  
CL-BCP-04  
(115 g)

Part No.:  
K-F079

## Fiber Optic Cleaning Kits & Accessories



Part No.:  
SK-LT19

## Laptop / Tablet Cleaning Kit



## Fiber Optic Fluid



Part No.:  
FCF100PS-2  
(59 mL)

Part No.:  
FCF100PS-4  
(118 mL)

## CAIG Perfect-Straw™ FLEX-TIP™

Part No.: CL-EXT-PS2



Make the FLEX-TIP™  
Short or Long!

- ✓ Custom Kits
- ✓ Custom Packaging
- ✓ Private Labeling
- ✓ Custom Formulation



# • Variety of Applicators for All Industries



Audio/Video



Computers



Automotive



Communications



Marine



Electrical



Energy



Photography



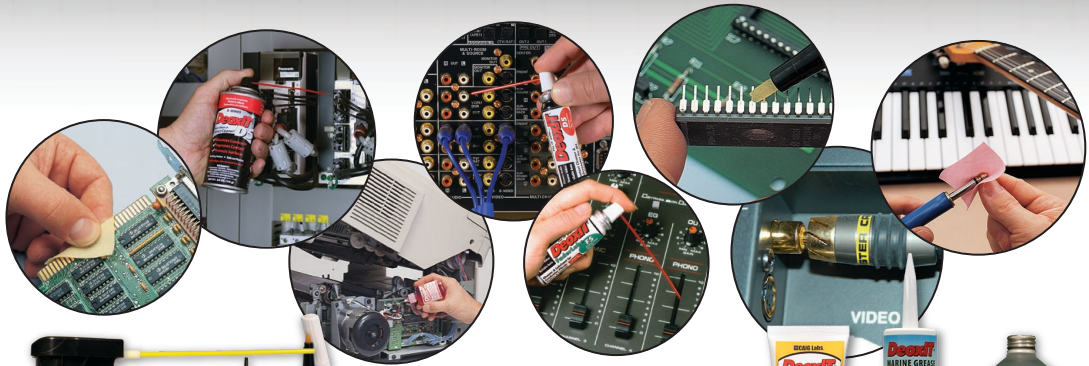
Security



Medical



Avionics



Spray   Mini-spray   Needle   Pen   Tube   Brush   Brush (mini)   Wipes   Grease-Tube   Cartridge   Bulk

(Applicators not to scale)

# Need Help Selecting DeoxIT® Products?



**Dr. D**

**Need help deciding which product is ideal for your application?**

**Visit our site for an interactive DeoxIT® Selection Guide and/or fill out one of our detailed questionnaires for a specific recommendations from one of CAIG's experts!**

Select Language ▼
DeoxIT® PRODUCT SELECTION GUIDE

By DeoxIT® 9-Series, DeoxIT® 6-Series, DeoxIT® 5-Series, DeoxIT® 4-Series and DeoxIT® 3-Series

**Select Conductive Material**

Ferrous ▼

Select Severity of Oxidation/Corrosion

Slight oxidation ▼

Is surface easy to access for applying DeoxIT® ?

Difficult ▼

Any sensitive materials or components near surface?

Yes ▼

Flammability an issue?

None Selected ▼

**A. Make selections from the left hand side menus to filter and view the products:**

**B. CLICK on a Part No. to display its Products Details, Benefits and Uses.**

**Ferrous metals** = iron, nickel, steel, stainless, etc.  
**Non-ferrous metals** = Gold plated, bronze, brass, copper, etc.  
**Conductive plastic OR carbon-based** = GILY plastic or carbon materials.  
**Conductive plastic AND metal** = Controls (faders) that have carbon conductive materials and metal rails for movement.

Displaying 16 records      Search:

Part No.	Description	Link to Product Info
DNSS-2	Mini-Spray, 5% DeoxIT® D-Series	<a href="#">Click here for website details.</a>
DSS-6	Spray, 5%, DeoxIT® D-Series	<a href="#">Click here for website details.</a>
DSS-6P	Spray, 5%, DeoxIT® D-Series	<a href="#">Click here for website details.</a>
DNSS-6N	Spray, 5%, DeoxIT® D-Series	<a href="#">Click here for website details.</a>
D100S-2	Spray, 100%, DeoxIT® D-Series	<a href="#">Click here for website details.</a>
D100L-2SC	Needle tip, 100%, DeoxIT® D-Series	<a href="#">Click here for website details.</a>
DSL-2SCA	Needle-tip, 5%, DeoxIT® D-Series	<a href="#">Click here for website details.</a>
Showing 1 to 7 of 7 entries		

**Product Details**

Spray, DeoxIT® D-Series, 5% solution, 142 g, flammable (until solvent evaporates). (NSN 6850-01-435-6476)

**Applicator Benefits :** Slow-dry with flushing action. Use for hard to reach areas that require some flushing action to displace surface debris (oil, grease, dissolved oxides, etc.) and penetrate surface. Low-Med-High adjustable valve for precise spray.

**Key Uses :** Service, Maintenance

**Notes :** Dissolves oxidation/corrosion, improves conductivity and protects surfaces. 20% active deoxidizer/cleaner.

**Questionnaire for Detailed Recommendations:**  
 If you have a unique, complicated application, or want to confirm your selection, please fill out a Product Selection Questionnaire.

**Manufacturer Disclaimer:**  
 To the best of our knowledge, the information contained herein is accurate. However, neither CAIG Laboratories, Inc., or any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. All materials may present unknown hazards and should be used with caution. In particular, improper use of our products and their inappropriate combination with other products and substances may produce harmful results which cannot be anticipated. Final determination of the suitability of any material is the sole responsibility of the user. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that may exist. All service performed on internal parts and equipment should be provided by qualified technicians.

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- + Assembly/Install**
- + Service/Maintenance**
- + Special/Unique applications**

**Visit: [caig.com/hsd.html](http://caig.com/hsd.html)**

**Make connections the strongest link in your devices, equipment and systems!**

# • What the Industry Experts Say!

## PROFESSIONAL EXPECTATIONS EXCEEDED WITH DeoxIT®

I just built a recording rack for Paul McCartney and it had a problem at the time of the first show. I had tested the system before it left the shop, and the two Tascam MX-2424's, a Berhinger DDX-3612, a Rosendahl Time word clock generator, and 72 Glyph Hard Drives all worked at the shop. Two hours before the show, I found myself trying to get the system up and going.

One of the Tascam units had stopped working, and I could not understand why! I was in panic. It was a sold out show, and people started getting seated. The unit had a flash memory card in it, and I figured that since it was locking up on start, there had to be a problem with the card. It was not loading the data, so I used some DeoxIT® D-Series contact cleaner on the contacts, wiped it off, then use the DeoxIT® Gold solution. I then tried it again, and IT WORKED! The memory was reloaded, and the show was recorded as planned.

I am an avid DeoxIT® customer and always will be. I use it along with the DeoxIT® Gold and DeoxIT® Fader (FaderLube) on controls and switches on outboard gear, as well as audio consoles worth well over \$250,000. I will always use DeoxIT®, and now our whole company uses it as well. We use it for tours like the Rolling Stones, Paul McCartney, Incubus, and AC/DC, to name a few. We also use it on the equipment for theater shows like Riverdance and Barney.

DeoxIT® can be trusted around the world, and let me tell you it is! Thanks CAIG for such a great product. You saved us more than once!

*D. Ranshaw, Service Manager, db Sound*

## SUPPLIER CLEANING ISSUE SOLVED with DeoxIT®!

We identified that we were having significant supplier cleaning issues on many of our component interconnects that were leading to higher rates of failures for our customers in some cases. An investigation was launched to improve the quality of our interconnects. We performed environment testing, system testing, and field testing on our most problematic systems. We determined that applying the DeoxIT® D-Series dramatically improved the performance and reliability of our interconnects on our servers. The two year investigation included a full blown qualification of the DeoxIT® D-Series product on

our assemblies, memory dimms, and memory connectors and the results passed all of our testing with flying colors!

The CAIG Team has and continues to be a tremendous asset, working with our team to develop tools and a process of implementing the cleaning process to our manufacturing facilities worldwide. It has been very clear that CAIG has our customers and our companies best interest in mind in creating a method of improving the reliability of our products in a very cost effective manner. Personally, their customer service and technical expertise is second to none – it continues to be a pleasure working with them!

*Chuck C. - Master Quality Engineer, HPE Servers*

## "CONTACT CLEANERS KEEP TRYING"

Recently, a rep from another chemical company sent me a sample can of their new contact cleaner, promising to "blow away DeoxIT® D5, at a cheaper price". I moistened a swab with THEIR cleaner, and took it to one-half of the dirty edge connector pads on a nasty looking PCB. It barely touched it. I repeated the process with DeoxIT® D5. It removed the oxidation immediately and the device has worked perfectly ever since.

*John R. Frondelli, Tech Services Director, dBm Services*

## "FOR SERVICING OF ELECTRONICS THESE PRODUCTS ARE INDISPENSABLE."

I have used CAIG products over the last 30 some years. DeoxIT® D5 Contact Cleaner, DeoxIT® F5 Fader, and DeoxIT® Gold Pro Gx3 are all indispensable when servicing older units with dirty or intermittent mechanical switches and controls. DeoxIT® Gold Pro Gx3 is the only solution for cleaning dirty tube pins that I have found and it will not turn to gunk under the high temperature of the vacuum tube pins. For servicing of electronics these products are indispensable.

... Thanks, CAIG Labs!

*Ron Cornelius, McIntosh Labs*

## • **Our Customers are Our Best Advocates!**

### ***Bose Corporation***

DeoxIT® D-Series is an excellent product for removing oxidation and contamination from dirty switches & controls and reducing intermittent contact problems. We have been using CAIG products with great success for over 35 years.

### ***Diebold, Incorporated***

We have been using CAIG products since 1980 on our automated teller machines to help ensure reliable performance.

### ***General Electric***

We were having trouble with edge connectors in our manufacturing environment until we tried DeoxIT® Gold Wipes . . . . . great product.

### ***Hewlett Packard***

We identified that we were having significant supplier cleaning issues on many of our component interconnects that were leading to higher rates of failures for our customers in some cases. We determined that applying the DeoxIT® D-Series dramatically improved the performance and reliability of our interconnects on our servers.

### ***Honeywell Inc.***

CAIG's DeoxIT® D-Series is great stuff. We use it on feedback slidewires, edge connectors, & relay contacts in industrial process controls.

### ***McIntosh Labs.***

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solution for cleaning dirty tube pins that I have found and it will not turn to gunk under the high temperature of the vacuum tube pins. For servicing of electronics these products are indispensable. Thanks, CAIG Labs!

### ***News/Studio Sessions Editor, Radio World***

The DeoxIT® Gold works great. I used it on some old tube equipment and it eliminated a loud hum that I thought was something more serious. DeoxIT® D-Series also got rid of the recurring contact noise in a rotary control that usually returned after using other sprays. Even works on keeping oxidation from metal panels and knobs.

### ***Rane Corporation***

People call me daily asking for recommendations for cleaners and lubricants. Most everyone has tried something less than DeoxIT®, and after using what we authorize, the results are always positive, sometimes bordering on miraculous.

### ***Tektronix***

We use DeoxIT® Gold Wipes to protect virgin edge connectors, DeoxIT® D-Series contact cleaner to eliminate intermittent problems on primitive tin-to-tin connectors (which tend to vibrate) and will be using DeoxIT® Gold in the field for gold connectors . . . . excellent products.

### ***Xerox Corporation***

Corrosion problems on very sensitive connectors have been an annoying problem for us. We have tried many products without success until we tried CAIG's DeoxIT® D-Series and DeoxIT® Gold. They are the only products that have worked perfectly. We highly recommend them.

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