

*Our products make your products perform!*

## DeoxIT® D100L, D-Series Liquid (100%) Contact Cleaner & Rejuvenator

### Part Nos.:

Part No.	% DeoxIT	Container	Size	Flammable/Nonflammable
S-CD100L-2C	100%	squeeze tube	2 mL	nonflammable
S-CD100P	100%	pen	6 mL	nonflammable
S-CK-D1W-50	100%	wipes	50 count	nonflammable
S-CD100L-2DB	100%	brush	7.4 mL	nonflammable
S-CD100L-25C	100%	needle dispenser	25 mL	nonflammable



### Formulation:

100% DeoxIT® D100L, D-Series



### Product Description:

Unique contact cleaner, rejuvenator, conductivity enhancer and lubricant. Dissolves oxidation and corrosion on metal surfaces. Fills in microscopic gaps and reseals surface for better contact to enhance flow of electricity. Chemically improves metal-to-metal connections and contacts. Improves connector performance/reliability. Temperature range: -34 to +200°C.

## Features/Benefits:

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### **100% DeoxIT® liquid, Safe on Plastics.**

DeoxIT® D100L concentrate has approximately 20% chemical cleaning action. Excellent cleaning/deoxidizing, good protection, no ozone depletion. Improves conductivity and reduces intermittent connections. Reduces arcing, RFI, wear and abrasion.

### **Cleaner Audio - Clearer Video - Reliable Data.**

## Which DeoxIT® product do I Use:

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- ▶ Use **DeoxIT® D-Series** contact cleaner on surfaces that have been in service or have visual signs of oxidation. Contains 20% active cleaner.
- ▶ Use **DeoxIT® Gold G-Series** conditioner on new surfaces, and gold plated surfaces. Ideal for preventing dendrite/fretting corrosion. Protects both surface and base metals. Ideal for critical applications. Contains >1% active cleaner.
- ▶ Use **DeoxIT® Shield S-Series** to protect surfaces from severe environments (humidity, salts, pollutants, sulfur, etc.). Use on clean surface. Contains 0% active cleaner.

## Directions for Use:

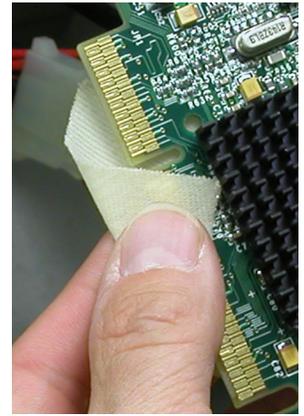
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1. Turn off, unplug the device.
2. Select the applicator (pen, wipes, needle, etc.) that is best for your application, see #8 below. Apply a small amount to the metal contact/connector surface.
3. Operate the part/device to help break up oxides and contamination. Wait a few minutes, then wipe off surface with clean lint-free cloth or swab to remove oxidation and contamination.
4. Re-apply DeoxIT® to metal surface and wipe off excess. **It is important to wipe off excess**, DeoxIT® works best when a thin coating is on metal surfaces. Wait two minutes before turning on equipment. **Test for compatibility before use.**
5. In extreme cases (severe oxidation or corrosion), you may need to leave DeoxIT® on overnight. If that is necessary; apply, then the following day remove any contaminants lifted by DeoxIT® with a lint free swab or cloth on accessible surfaces (If surface is not accessible, repeat step two above.). When surface is clean (no residue on the swab/cloth), finish with a short burst of DeoxIT®, then remove excess leaving a thin layer.
6. If you notice a green or black coloration on the surface (may take a few days) after applying DeoxIT®, this indicates dissolved oxidation (surface was severely oxidized). Follow step "2-5" above one more time.
7. **For extended protection:** After surface is clean, apply DeoxIT® Gold G-Series for indoor applications or DeoxIT® Shield S-Series for outdoor applications.
8. **Applicators:**
  - a) **Squeeze Tube** (#D100L-2C): Used by OEMs for maintenance kits. Provides small drop to surface.
  - b) **Pen - felt tip** (#D100P): Precision application, slight abrasive action. Provides liquid through felt tips. Replacement tips available.
  - c) **Oiler Pen** (#D100L-P6C): Very precise application of fluid. Provides pin-point application of liquid. Ideal for hard to reach applications.
  - d) **Oiler Squeeze Bottle** (#D100L-25C): Similar to Oiler Pen, except in squeeze bottle.
  - e) **Wipes** (#K-D1W-25 and K-D1W-50): Individual packaged wipes (thin paper material). For connections easily accessible and smooth surfaces, i.e. audio/



video connections, batteries, etc.

- f) **Wipes** (#K-D50W): Jar with 50 wipes (thick cotton material). For connections easily accessible accessible and smooth and irregular surfaces, i.e. edge connectors, industrial connections.
- g) **Brush** (#D100L-2DB): Small 7.4 mL bottle with brush applicator. General purpose for applying liquid with a nylon brush. Ideal for applying to outer and inner surface with wiping action. Care should be taken to keep brush clean.



### Other Applicators:

Part No.	% DeoxIT®	VOC (%)	Applicator	Size/Amount	Flammable/Nonflammable
DN5S-6N	5%	75%	spray	163 g	nonflammable
DN5MS-15	5%	75%	mini-spray	14 g	nonflammable
D100S-2	100%	0%	spray	57g	nonflammable
D5L-A (bulk, many sizes)	5%	75%	bottle/drum	assort.	flammable

### Product Selection Guides:

#### DeoxIT® - Product Selection Guide

	DeoxIT®	DeoxIT® GOLD	DeoxIT® GOLD GxL	DeoxIT® GOLD Gx2	DeoxIT® SHIELD	DeoxIT® FaderLube
<b>New Surfaces</b>		✓	✓	✓	✓	✓
<b>* In Service / Used</b>	✓					✓
<b>Gold surfaces</b>		✓	✓	✓		
<b>Oxidation / corrosion visible</b>	✓					
<b>Conductive plastics</b>						✓
<b>** Outdoor / Severe environments</b>	✓					✓
<b>Deoxidizing / cleaning properties</b>	20%	0.1%	0.1%	0.0%	0.0%	0.0%
<b>Metal / Plastic surfaces</b>	Yes	Yes	Yes	Yes	Yes	
<b>Plastics compatibility</b>	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
<b>Temperature range (°C)</b>	-34/200	-45/240	-45/310	-45/500	-34/210	-26/150
<b>Stationary &amp; moving surfaces</b>	Yes	Yes	Yes	Yes	Yes	Yes
<b>Seals &amp; protects base metals</b>	Good	Excellent	Excellent	Excellent	Good	No

- ✓ All products are Nonflammable and RoHs Compliant
- \* In Service: Clean with DeoxIT®. For added protection, follow with DeoxIT® GOLD (indoors), DeoxIT® SHIELD (outdoors) or DeoxIT® Grease (additional barrier).
- \*\* Severe environments: Pre-clean with DeoxIT®. Follow with DeoxIT® SHIELD or DeoxIT® Grease.

#### DeoxIT® - Spray Selection Guide

Product Series	FP	QD	NF	PC	VOC
Standard - 5% solution D5S-6, D5MS-15, G5S-6, G5MS-15, S5S-6, S5MS-15, F5S-6, F5MS-15	✓			✓	75
N Series - 5% solution DN5S-6N, DN5MS-15, GN5S-6N, GN5MS-15, SN5S-6, SN5MS-15		✓	✓	✓	20
X Series - 5% solution GX5S-6N		✓	✓	✓	20
100 Series - 100% solution D100S-2, G100S-2, F100S-2			✓	✓	0

FP = Flushing properties QD = Quick dry / non drip NF = Nonflammable  
PC = Plastics compatibility VOC = VOC (%)

## Materials Compatibility (Plastics, Rubber, Elastomeric and Metals):

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(Rating: Not compatible, Poor, Fair, Good, Excellent), (N/A = Not applicable (no solvents and propellants))

(\* If the product is not 100% DeoxIT® then the package is rated before and after the solvents/propellants are applied to materials. Compatibility testing is always recommended)

Material Name	Rating (*100% DeoxIT®)	Rating (*with solvents & propellants)
ABS	Excellent	N/A
Nylon	Excellent	N/A
Lexan	Excellent	N/A
HDPE	Good	N/A
LDPE	Good	N/A
C.E.Phenolic	Excellent	N/A
Epoxy	Excellent	N/A
Polycarbonate	Excellent	N/A
PMMA	Fair	N/A
POM	Excellent	N/A
PP	Excellent	N/A
PS	Fair	N/A
PTFE	Excellent	N/A
PVC	Excellent	N/A
TPE/Rubber/Varnish	Poor	N/A

**IMPORTANT:** Any of the above that fall into the “Fair” and “Poor” categories should be thoroughly tested for compatibility. They may be compatible, however, it will depend on the manufacturing process of the materials. Acrylics, ABS, and polycarbonate, if under stress, may show slight cracking or crazing damage. Test for compatibility before use. On porous materials; i.e. wood, rubber, cloth, some phenolics, semi-cured materials, no liquid or solvents should be used. Occasionally, DeoxIT® will get onto unwanted surfaces, quickly wipe off surface and usually no damage will occur.

## DeoxIT® Essential Reference:

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**DeoxIT® D-Series** - *Brings old systems back to life!*

**DeoxIT® Gold G-Series** - *Maintains new system performance!*

**DeoxIT® Shield S-Series** - *Maintains new system performance for severe environments!*

**DeoxIT® Fader F-Series** - *Clean, lubricate & protect conductive plastic and carbon compound faders!*

## Shipping and Additional Information:

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Hazardous: No (No shipping restrictions)  
VOC (%): Part No. D100L No VOCs

## Other Information:

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RoHS Compliant: YES  
VOC Compliant: N/A