DeoxIT® D5 Spray, D-Series
Contact Cleaner & Rejuvenator

Part No.:   D5S-6

Container Size: 142 g (5 oz.), adjustable valve (L-M-H)

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:

Spray, adjustable valve (L-M-H) - Flushing Action, 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.

Formulation:

5%	DeoxIT® D100L, D-Series
75%	Odorless mineral spirits (CAS 64742-88-7)
20%	DIFLUOROETHANE (CAS 75-37-6)

VOC COMPLIANT   **RoHS** COMPLIANT

Which DeoxIT® product do I Use:

▶ 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:

1. Turn off, unplug the device.
2. Adjust valve (L-M-H). Apply one short burst of DeoxIT® D-Series contact cleaner to contact/connector surface. Operate the part/device to help break up oxides and contamination. Wait a few seconds, reapply one short burst. Wait two minutes before turning on equipment. **Test for compatibility before use.**
3. 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.
4. 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" above one more time.
5. ***For extended protection***: After surface is clean, apply DeoxIT® Gold G-Series for indoor applications or DeoxIT® Shield S-Series for outdoor applications.
6. **NOTE:** To prevent overspray or spraying in unwanted areas, you can always spray onto a lint-free swab or cloth first and then using the swab/cloth apply the DeoxIT® to the connector/contact surface(s).

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
D100P	100%	0%	pen	6 mL	nonflammable
D100L-P6C	100%	0%	oiler pen	6 mL	nonflammable
D50W	100%	0%	wipes	50 count	nonflammable
D1W	100%	0%	wipes	individual	nonflammable
D100L-2C	100%	0%	tube	2 mL	nonflammable
D100L-2DB	100%	0%	brush bottle	7.4 mL	nonflammable
D100L-25C	100%	0%	needle dispenser	25 mL	nonflammable
D100L (bulk, many sizes)	100%	0%	bottle/drum	assort.	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
New Surfaces		✔	✔	✔	✔	✔
* In Service / Used	✔					✔
Gold surfaces		✔	✔	✔		
Oxidation / corrosion visible	✔					
Conductive plastics						✔
** Outdoor / Severe environments	✔					✔
Deoxidizing / cleaning properties	20%	0.1%	0.1%	0.0%	0.0%	0.0%
Metal / Plastic surfaces	Yes	Yes	Yes	Yes	Yes	
Plastics compatibility	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
Temperature range (°C)	-34/200	-45/240	-45/310	-45/500	-34/210	-26/150
Stationary & moving surfaces	Yes	Yes	Yes	Yes	Yes	Yes
Seals & protects base metals	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	✔			✔	75
D5S-6, D5MS-15, G5S-6, G5MS-15, S5S-6, S5MS-15, F5S-6, F5MS-15					
N Series - 5% solution		✔	✔	✔	20
DN5S-6N, DN5MS-15, GN5S-6N, GN5MS-15, SN5S-6, SN5MS-15					
X Series - 5% solution		✔	✔	✔	20
GX5S-6N					
100 Series - 100% solution		✔	✔		0
D100S-2, G100S-2, F100S-2					

FP = Flushing properties   QD = Quick dry / non drip   NF = Nonflammable

PC = Plastics compatibility   VOC = VOC (%)

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

(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	Fair-Good
Nylon	Excellent	Excellent
Lexan	Excellent	Excellent
HDPE	Good	Good
LDPE	Good	Good
C.E.Phenolic	Excellent	Good
Epoxy	Excellent	Excellent
Polycarbonate	Excellent	Fair-Good
PMMA	Fair	Fair
POM	Excellent	Excellent
PP	Excellent	Good
PS	Fair	Fair
PTFE	Excellent	Excellent
PVC	Excellent	Excellent
TPE/Rubber/Varnish	Poor	Poor

IMPORTANT:

Rating, 100% DeoxIT®: 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.

Rating, with solvents and propellants: Similar to rating above (100% DeoxIT®). However, any rating worse than the 100% DeoxIT® may require additional care. If DeoxIT is applied to unwanted areas or materials, wipe off surface quickly and usually no damage will occur. Alternatively, apply DeoxIT® onto a lint-free swab or cloth first and then wipe onto desired metal surface.

DeoxIT® Essential Reference:

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:

Hazardous: ORMD
VOC (%): Part No. D5S-6, 75% (588 grams/liter)

Other Information:

RoHS Compliant:	YES	
VOC Compliant:	YES	
MSDS Link, D5S-6	http://store.caig.com/s.nl/sc.18/category.3545/.f	
DeoxIT® Product Sheet:	http://store.caig.com/s.nl/sc.18/category.236/.f	
MentorCard Link:	http://store.caig.com/s.nl/it.l/id.73/.f	
WHY DeoxIT® is Different:	http://store.caig.com/s.nl/it.l/id.22/.f	
	http://store.caig.com/s.nl/it.l/id.64/.f	

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