

PRODUCT Data Sheet

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

1. Part Nos.:

Part No.	% DeoxIT	Container	Size	Flammable/Nonflammable
D100P-UV	100%	pen	6 mL	nonflammable
D100L-P6C-UV	100%	oiler pen	6 mL	nonflammable
D100L-25C-UV	100%	needle dispenser	25 mL	nonflammable
D100L-12-UV	100%	bottle	354 mL	nonflammable
D100L-32-UV	100%	bottle	944 mL	nonflammable



2. Formulation:

100% DeoxIT® D100L-uv, D-Series



3. 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.

Includes UV Tracer Dye. View with Long Wave UV at 365nm.

Temperature range: -34 to +200°C.

4. Features/Benefits:

100% 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.



Audio/Video



Computers



Automotive



Communications



Marine



Electrical



Energy



Photography



Security



Medical



5. Which DeoxIT® product do I Use:

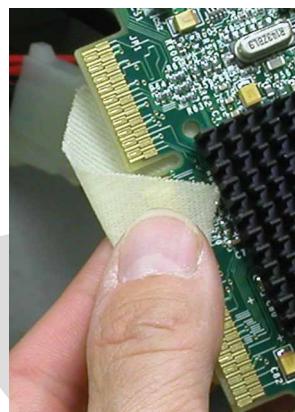
- ▶ Use **DeoxIT® D-Series** contact cleaner on surfaces that have been in service or have visual signs of oxidation. Contains 20% active cleaner.
- ▶ Use **DeoxIT® Gold G-Series** conditioner on new surfaces, and gold plated surfaces. Ideal for preventing dendrite/fretting corrosion. Protects both surface 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.

6. Directions for Use:

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 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.





Audio/Video



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h) **Bulk Bottles** (#D100L-2, D100L-12, D100L-32): For production applications.
Contact CAIG for information.

9. **NOTE:** For Field Service use, see Bulletin "Field Service 9-1-1"

(<http://store.caig.com/s.nl/it.l/id.56/.f>).

For Manufacturing/OEMs see Bulletin "Manufacturing/OEM 9-1-1"

(<http://store.caig.com/s.nl/it.l/id.61/.f>)



7. Other Applicators:

Part No.	% DeoxIT®	VOC (%)	Applicator	Size	Flammable/Nonflammable
D5S-6	5%	75%	spray	163 g	flammable
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

8. 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!

9. 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 (%)



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MSDS Link, D100L-uv

<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>

CAIG Essential Guide 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>

13. MANUFACTURER DISCLAIMER:

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