DeoxIT® Fader F5 Spray, F-Series
Moving Contact Lubricant for Conductive Plastic Faders & Controls

Part No.:   EZ5F5S-H6

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

Product Description:

Precision lubricant for conductive plastics and carbon-based controls (faders, slide potentiometers, conductive membranes - mouse pads and other mechanisms with sliding surfaces). It replenishes lubrication lost on surfaces that have been cleaned with solvents or other cleaning solutions. Use on conductive plastics and other sliding metal-plastic surfaces. Temperature range: -26°C to +150°C.

Features/Benefits:

Spray, adjustable valve (L-M-H) - Flushing Action, Safe on Plastics.
DeoxIT® Fader F100L concentrate has approximately 0.0% chemical cleaning action.
DeoxIT® Fader is not for metal contacts/connectors, use DeoxIT®, DeoxIT® GOLD and DeoxIT® SHIELD for those surfaces.
Replaces lubrication lost that have been cleaned with solvents or other cleaning solutions.
Perfect for OEM's
Excellent enhancing, excellent protection, No ozone depletion.
Reduces intermittent connections, arcing, RFI, wear and abrasion.
Cleaner Audio - Clearer Video - Reliable Data.

Formulation:

5%   DeoxIT® Fader F100L, F-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® Fader F-Series** to lubricate and protect <u>conductive plastic and carbon-based controls</u>.

▶ 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. DeoxIT® Fader F-Series is for conductive plastic materials; however, there may be metal materials involved with the contact or control. On these metal surfaces that have been in service or have visual signs of oxidation or corrosion pre-treat with DeoxIT® D-Series (D5S-6) contact cleaner. See Data Sheet DS-D5S-6 and Audio/Video 9-1-1 Information Sheet (http://store.caig.com/s.nl/it.l/id.52/.f).
3. Next, adjust valve (L-M-H) on the DeoxIT® Fader F5S-H6 and utilizing the extension straw, apply one short burst of DeoxIT® Fader onto the plastic surface.
4. Operate the part/device to help distribute the DeoxIT® in the control or contact area. Wait a few seconds, reapply one short burst. **Test for compatibility before use.**
5. Wait two minutes before turning on equipment.
6. ***For extended protection***: For additional lubrication and/or more tactile feel, apply DeoxIT® FaderGrease onto plastic surfaces; http://store.caig.com/s.nl/sc.2/category.305/.f
7. **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 control/connector/contact surface(s).

Other Applicators:

Part No.	% DeoxIT®	VOC (%)	Applicator	Size/Amount	Flammable/Nonflammable
FN5MS-15	5%	75%	mini-spray	14 g	nonflammable
F100S-2	100%	0%	spray	57g	nonflammable
F100L-2C	100%	0%	tube	2 mL	nonflammable
F100L-25C	100%	0%	needle dispenser	25 mL	nonflammable
F100L (bulk, many sizes)	100%	0%	bottle/drum	assort.	nonflammable
F5L-A (bulk)	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 (ºC)	-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	Excellent	Good
LDPE	Good	Good
C.E.Phenolic	Excellent	Good
Epoxy	Excellent	Excellent
Polycarbonate	Excellent	Fair-Good
PMMA	Good	Fair
POM	Excellent	Excellent
PP	Excellent	Good
PS	Good	Fair
PTFE	Excellent	Excellent
PVC	Excellent	Excellent
TPE/Rubber/Varnish	Fair	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. F5S-H6, 75% (588 grams/liter)