

# DeoxIT® L260D Grease

## PRODUCT *Info*

### DeoxIT® L260-DNp PLUS Grease DeoxIT® L260 Grease Infused with DeoxIT® D-Series D100L

Available With or Without Particles;  
Copper, Aluminum, Quartz, Graphite, Teflon

### Maximize Mechanical & Electrical Performance!™

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.

The infusion of DeoxIT® D-Series D100L 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® D100L 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® Grease Type L260-DNp - Lithium-based preparation, infused with DeoxIT® D-Series D100L.**

Good lubrication, dissolves oxidation and corrosion, excellent wear resistance, excellent pressure resistance, excellent oxidation (galvanic corrosion) protection, high dripping-point characteristics. Operating temperatures: L260-DN: -40°C to 260°C.

#### USES - Electrical:

Antenna connections, battery terminals, Buss bars, commutators, conductor rails, conductors, contactors, disconnects, drying & processing equipment, high amperage/high voltage applications, industrial electrical equipment (lifts, cranes, robotics, etc.), power tools, relays & switches (heavy duty, knife, step, rotary), etc.

#### USES - Mechanical:

Bearings (all types), doors (closures), drives (chain/sprockets), hatch closures, O-rings and seals, linear motion systems, plugs (threaded holes), rack & pinion assemblies, screw devices (jacks, rails), slide bushings, sliding parts, tracks/guides/rails, threaded closures, worm gears, etc.



Part No. L260S-N10D  
(10.0 oz / 284 g)



Tube, Nozzle Tip  
(226 g)



Tube, Nozzle Tip  
(228 g)



Pails (3.6 Kg and 15.9 Kg)



Part No. L260-DN8TP (226 g)

### DeoxIT® Products . . . used by those who demand the best!

- |                    |                  |                    |                    |
|--------------------|------------------|--------------------|--------------------|
| Apple              | Ford             | L-3 Communications | Schindler Elevator |
| Black & Decker     | General Electric | Logitech           | Switchcraft        |
| Boeing             | Hewlett-Packard  | McIntosh Labs      | Tektronix          |
| Daktronics         | Honeywell        | Motorola           | Union Pacific      |
| Diebold Inc.       | Ingersoll Rand   | Philips Healthcare | Wayne-Dresser      |
| Dolby Laboratories | Intel            | Rane Corp.         | Xerox Corp.        |
| Federal Express    | John Deere       | Roland             | and many more!     |



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



Audio/Video



Computers



Automotive



Communications



Marine



Electrical



Energy



Photography



Security



Medical



Avionics

## OTHER GREASE TYPES:

### DeoxIT® L260D Grease with particles.

DeoxIT® Type L260D Np, No particles

DeoxIT® Type L260D Cp, Copper particles

DeoxIT® Type L260D Ap, Aluminum particles

DeoxIT® Type L260D Qp, Quartz particles

DeoxIT® Type L260D Gp, Graphite particles

DeoxIT® Type L260D GQp, Graphite & Quartz

DeoxIT® Type L260D Tp, Teflon

## GREASE PARTICLE DESCRIPTIONS:

**No particles:** Maximum lubrication for relatively clean surfaces.

**Copper particles:** Copper particles assist in breaking up oxidation and corrosion. Copper is conductive.

**Aluminum particles:** Use when aluminum metals are involved. Use in areas that two contacts will not touch and possibly short.

**Quartz particles:** Quartz particles assist in breaking up oxidation and corrosion. Quartz is nonconductive.

**Graphite particles:** Graphite particles assist in heat stability and lubrication. Graphite is excellent for heat transfer.

**Graphite and Quartz particles:** Use when heat transfer, lubrication and assistance is needed in breaking up oxides and corrosion.

**Teflon:** For superior lubrication and protection of parts.

**Custom formulation:** Contact CAIG Team Member at [info@caig.com](mailto:info@caig.com)

Product Information Sheet  
C-L260DN, 4/2017

VOC and RoHS  
Compliant



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## COMPARISON CHART

Product	Heat Resistance	Wear Resistance	Water Resistance	Oxidation Resistance*	Oxidation Dissolving
DeoxIT® M260	Excellent	Very Good	Good	Very Good	Good
DeoxIT® L260	Very Good	Very Good	Very Good	Very Good	Good
DeoxIT® L260D	Excellent	Very Good	Excellent	Excellent	Very Good
Lithium	Good	Good	Good	Fair	Poor
Lithium Complex	Very Good	Good	Excellent	Fair	Poor
Complex	Very Good	Good	Excellent	Fair	Poor
Bentone Clay	Very Good	Very Good	Good	Good	Poor
Polyurea	Very Good	Good	Excellent	Good	Poor
Polyrex™	Excellent	Very Good	Good	Good	Poor

\* Oxidation of lubricants can produce sludge, varnish, gum and acid.

™ Polyrex is a trademark Of Exxon/Mobil Corporation

## TYPICAL PROPERTIES (Base material):

	TYPE:	M260	L260 (L260-DN)
Flow Point, min.		-30°C	-30°C
Viscosity @ 100°F, SUS		763	785
ASTM Dropping Point		260°C	285°C
Specific Gravity @ 20°C		1.85	1.87
Flash Point		300°C	300°C
<sup>1</sup> Lowest/Best Operating Temperature (general)		-30°C	-30°C
<sup>1</sup> Highest Operating Temperature (continuous duty)		200°C	200°C
Acid & Neutralization No. (mg KOH/g)		1.15	1.17
Saponification No. (mg KOH/g)		2.79	2.81
Electrical Conductivity (27°C)(10 <sup>-12</sup> ohm <sup>-1</sup> cm <sup>-1</sup> )		0.17	0.17
<sup>2</sup> Dielectric Constant E <sub>r</sub>		2.75	2.81
Tan δ (10 <sup>-1</sup> )			
<sup>2</sup> Dielectric Strength E <sub>d</sub> (kV/cm)		54.6	45.9
<sup>2</sup> Insulation Resistance D (10 <sup>-12</sup> ohm-cm)		5.7	5.9
		+50/-03	+50/-03
Oil Type		Mineral	Synthetic Blend
Soap Type		None	Lithium-12 Hydroxy
Soap %			9.52
ASTM - Penetration		280	295
NLGI		2	2
Deoxidizer		Yes	Yes
Oxidation Inhibitor		Yes	Yes
Corrosion Inhibitor		Yes	Yes
Texture		Buttery	Short Fiber
Color		Amber	Amber

<sup>1</sup> Temperatures are conservative values for reference only.

<sup>2</sup> **NOTE:** All values are relative to an ambient temperature of 26 to 28°C (approx. 80°F). Dielectric strength value is a statistical average taken from 10 measurements. Voltage measurement taken with 0.5% accuracy. Tests conducted on base material only. Greases with particles may have different measurements.

All information and data contained in this literature is believed to be accurate, however, it should not be taken as definitive for all users. Users should thoroughly test advertised products in their application, and independently determine satisfactory results before use in large scale production or manufacturing processes. All information on the comparison chart on the front side of this literature we believe to be reliable and was, in part, provided by the manufacturer. Independent testing should be conducted to determine individual needs for each application.



MADE IN USA