

Our products make your products perform!

DeoxIT® L260Qp Mechanical & Electrical Grease

Part No.: L260Qp



Formulation: 92.5% DeoxIT® L260Np Lithium Grease
 7.0% Quartz particles, -200 mesh
 0.5% Deoxidizing agent

Container Size:

L260-Q2C	100%	cartridge	50 g
L260-Q1	100%	jar	28 g
L260-Q8	100%	jar	226 g
L260-Q35	100%	pail	16 Kg



Product Description:

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.

Particles: Quartz. Use when you require particles (non conductive) to assist in oxide and corrosion breakup and need good lubrication. Ideal for screws, bolts and screw (hatch) closures. Quartz is non conductive. Temperature range: -40 to +260°C.

Features/Benefits:

Safe on Plastics.

Lithium-based preparation.

Good lubrication, good abrasion, excellent wear resistance, excellent pressure resistance, excellent oxidation (galvanic corrosion) protection, high dripping-point characteristics.

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.

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.

SPECS: (Base material)

	TYPE: M260	L260	TYPE: M260	L260
Flow Point, min.	-30°C	-30°C	Oil Type	Mineral Synthetic Blend
Viscosity @ 100°F, SUS .....	.763	785	Soap Type	None Lithium-12 Hydroxy
ASTM Dropping Point .....	.260°C	285°C	Soap %,	9.52
Specific Gravity @ 20°C	1.85	1.87	ASTM - Penetration .....	.280 295
Flash Point .....	.300°C	300°C	NLGI	2 2
¹ Lowest/Best Operating Temp. (general)	-30°C	-30°C	Deoxidizer .....	.Yes Yes
¹ Highest Operating Temp. (continuous duty) ...	200°C	200°C	Oxidation Inhibitor .....	.Yes Yes
Acid & Neutralization No. (mg KOH/g)	1.15	1.17	Corrosion Inhibitor .....	.Yes Yes
Saponification No. (mg KOH/g)	2.79	2.81	Texture .....	.Buttery Short Fiber
Electrical Conductivity (27°C) (10 ⁻¹² ohm ⁻¹ cm ⁻¹) ..	0.17	0.17	Color	Amber Amber
² Dielectric Constant E _r	2.751	3.236		
(Tan δ (10 ⁻⁴)				
² Dielectric Strength E _d	(kV/cm) 54.6	45.9		
² Specific Insulation Resistance D (10 ¹² ohm-cm) ..	5.7	5.9		
	+ .50/- .03	+ .50/- .03		

¹ Temperatures are conservative values for reference only.

² **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 measurings. Voltage measurement taken with 0.5% accuracy. Tests conducted on base material only. Greases with particles may have different measurements.

Other Formulations:

L260Np	Lithium formulation with no particles
L260Ap	Lithium formulation with aluminum particles
L260Gp	Lithium formulation with graphite particles
L260Cp	Lithium formulation with copper particles
L260GQp	Lithium formulation with graphite and quartz particles
M260Np	Mineral based with no particles
M260Cp	Mineral based with copper particles

Shipping Information:

Hazardous: No

Other Information:

RoHS Compliant: YES
L260Qp MSDS Link: <http://store.caig.com/>
Product Sheet: <http://store.caig.com/>

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