

28	Solubility in Water (25°C/77°F)		< 0.1%	< 0.1%	< 0.1%	< 0.1%	< 0.1%	< 0.1%	< 0.1%	< 0.1%
29	Viscosity (cSt @ 104°F)		5.4 - 7.5	5.4 - 7.5	5.4 - 7.5	5.4 - 7.5	5.4 - 7.5	5.4 - 7.5	5.1 - 7.0	NLGI #2
30	Electrical Conductivity (27°C) (10 ¹² ohm ⁻¹ cm ⁻¹)		0.17	0.15	0.15	0.15	0.15	0.11	NA	0.15
31	Dielectric Constant (E _r)	(G)	2.314	2.314	2.301	2.301	2.301	2.376	NA	3.236
32	(Tan δ) (10 ⁻⁴)	(G)	70	70	69	69	69	65	NA	NA
33	Dielectric Strength (E _d) (kV/cm)	(G)	70.5	70.5	71.2	71.2	71.2	62.5	NA	45.9
34	Specific Insulation Resistance D (10 ¹² ohm-cm) (+0.30/-0.02)	(G)	5.4	5.6	5.9	5.9	5.9	7.8	8	6.1

D APPLICATORS: Availability per product (CAIG Part Nos. or custom order)

35	Which concentrate should I use, 100% or 5% solution	(H)	(H)	(H)	(H)	(H)	(H)	(H)		
36	Spray, slow evaporating solvent (flammable until evaporates)	D5S-6	G5S-6	Custom	Custom	Custom	S5S-6	F5S-H6		
	Flushing properties, solvent has good plastics compatibility	VOC (588g/L)	VOC (588g/L)				VOC (588g/L)	VOC (588g/L)		
37	Spray, fast evaporating solvent (nonflammable)	DN5S-6N	GN5S-6N	GX5S-6N	Custom	Custom	S5S-6N	Custom		
	Quick dry/non drip solvent, test for compatibility	VOC (268g/L)	VOC (268g/L)	VOC (268g/L)			VOC (268g/L)			
38	Spray, no solvents, metered one shot valve, nonflammable	D100S-2	G100S-2	Custom	Custom	Custom	Custom	F100S-L2		
	100% concentrate, no solvents, no dry	No VOCs	No VOCs					No VOCs		
39	Pen applicator, 6 mL (No VOCs, Nonflammable)	D100P	G100P	GX100P	GX2P	Custom	S100P	Custom		
40	Squeeze tubes, 2 mL (No VOCs, Nonflammable)	D100L-2C	G100L-2C	Custom	Custom	Custom	S100L-2C	F100L-2C		
41	Wipes, individual (No VOCs, Nonflammable)	D1W	G1W	Custom	Custom	Custom	Custom	Custom		
42	Wipes, jar, heavy duty, 50 count (No VOCs, Nonflammable)	D50W	G50W	GX50W	GX2-50W	Custom	S50W	Custom		
43	Brush bottle, 7.4 mL (No VOCs, Nonflammable)	D100L-2DB	G100L-2DB	GX100L-2DB	GX2-2DB	GX3-2DB	S100L-2DB	Custom		
44	Precision Oiler Pen, 6 mL (No VOCs, Nonflammable)	D100L-P6C	G100L-P6C	Custom	Custom	Custom	Custom	Custom		
45	Needle dispenser, squeeze bottle, 25 mL (No VOCs, Nonflam.)	D100L-25C	G100L-25C	GX100L-25C	Custom	Custom	S100L-25C	F100L-L25C		
46	5% solution (bulk sizes, some applicators)	D5L	G5L	GX5L	GX2-5L	Custom	S5L	Custom		
47	100% concentrate (bulk sizes)(No VOCs, Nonflammable)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
48	Custom formulations, percentages and solvents	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
49	Available with particles (copper, aluminum, quartz, graphite, teflon)								Yes	Yes
50	Custom particle formulations								Yes	Yes
51	Grease tubes, dispensers and bulk								Yes	Yes

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- (A) "Severely oxidized surfaces": Oxidation/corrosion you can visually see on the metal surfaces. If it appears clean, there maybe be oxidation on surface; however it is not severe.
 - (B) These items should not be applied to severely oxidized surface. **First** clean with DeoxIT® D-Series or other cleaning method to remove oxidation/corrosion.
 - (C) "Minor amounts of oxidation": Surfaces that do not appear to have oxidation (If NOT Clean/New^(D)). DeoxIT® Gold and Greases will remove minor amounts. DeoxIT® D-Series can be used.
 - (D) "Clean/New" Surface: Our definition of a perfectly clean surface, is one that has **just** been manufactured and cleaned with DeoxIT® D-Series or other cleaning method.
 - (E) "Effectiveness": The length of time between applications is determined by severity of specs and environment. For example; in a clean room one application could last decades, or if on a naval ship inside an engine room, may require once a year. General recommendation is 1-3 years for optimal results.
 - (F) "Temperature limits": Conservative values and may vary depending on environment conditions (pollution, humidity, amperage/voltages). Recommend testing if near extremes.
 - (G) All values are relative to an ambient temperature of 28°C. Dielectric strength value is a statistical average taken from 10 measurings. Voltage measurement taken with 0.5% accuracy.
 - (H) "Which concentrate to use": Both can be used, however; if you use the 100%, we recommend wiping off excess. Only small amounts on the surface are recommended. When using 5% solutions, care should be taken not to get solvents onto unwanted very sensitive surfaces. Refer to CAIG website (www.caig.com) for additional directions/cautions.
- Refer to CAIG website (www.caig.com) or CAIG associate (800-224-4123) for additional and detailed directions for the above Notes.