

CHEMTRONICS®

Technical Data Sheet

TDS # 1626

DPL® Lubricant

Deep Penetrating Lubricant

PRODUCT DESCRIPTION

DPL® Lubricant is specially engineered to clean, displace moisture, inhibit corrosion, reduce friction and protect metal surfaces in one easy step. Formulated to provide long-lasting protection and improved performance to electrical and electronic contacts, DPL® Lubricant is the extra-strength multi-purpose lubricant that provides a long-lasting film that protects metals from corrosion under the most extreme conditions. DPL® Lubricant is registered with the NSF as an H2 lubricant for use in and around food processing areas.

- Cleans, protects, and lubricates all electrical and electronic switches, contacts, relays, plugs, and sockets
- Can be used in applications exposed to extreme weather conditions
- Displaces moisture from electrical and electronic components
- NSF H2 Registered
- Minimizes friction and metal wear
- Excellent corrosion protection under high humidity and salt spray conditions
- Loosens rusted cabinets and hinges
- Works on most metals, even aluminum
- Contains special corrosion inhibitors for long-term protection

TYPICAL APPLICATIONS

DPL® Lubricant effectively cleans and lubricates:

- Electrical and electronic contacts
- Potentiometers and rheostats
- Solenoids
- Electrical equipment
- Meters and test equipment
- Controllers
- Motors, generators and compressors
- Bearings, chains, cables, pulleys and gear drives

TYPICAL PRODUCT DATA AND PHYSICAL PROPERTIES

Boiling Point	500° F (Initial)
Evaporation Rate (butyl acetate=1)	<1
Flash Point (TCC)	280° F
Specific Gravity	0.83
Vapor Pressure @68°F mmHg	<0.01
Appearance	Light amber liquid
Odor	Mild
Solubility in Water	Negligible
Dielectric Breakdown (ASTM D-877)	43 kV
KB value	23.8
Shelflife	5 years
NSF-Registered H2	#139464

COMPATIBILITY

DPL® Lubricant is generally compatible with most materials used in electrical and electronic assemblies. As with any chemical, compatibility should be checked on a non-critical area prior to use.

<u>Material</u>	<u>Compatibility</u>
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ABS	Excellent
Buna-N	Excellent
EPDM	Excellent
Graphite	Excellent
HDPE	Excellent
LDPE	Excellent
Lexan™	Excellent
Neoprene	Excellent
Nylon™ 66	Excellent
Cross-Linked PE	Excellent
Polypropylene	Excellent
Polystyrene	Excellent
PVC	Excellent
Silicone Rubber	Excellent
Teflon™	Excellent

AVAILABILITY

ES1626 11 oz. Aerosol

TECHNICAL & APPLICATION ASSISTANCE

ITW Chemtronics® provides a technical hotline to answer your technical and application related questions. The toll free number is: **1-800-TECH-401**.

ENVIRONMENTAL IMPACT DATA

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CFC	0.0%	VOC	0.0%
HCFC-225	0.0%	nPB	0.0%
HCFC- 141b	0.0%	HFC	0.0%

CFC, HCFC-225, HCFC-141b, VOC, HFC, and nPB percentages shown are the content by weight.

NOTE:

This information is believed to be accurate. It is intended for professional end users having the skills to evaluate and use the data properly. ITW CHEMTRONICS® does not guarantee the accuracy of the data and assumes no liability in connection with damages incurred while using it.

MANUFACTURED BY:

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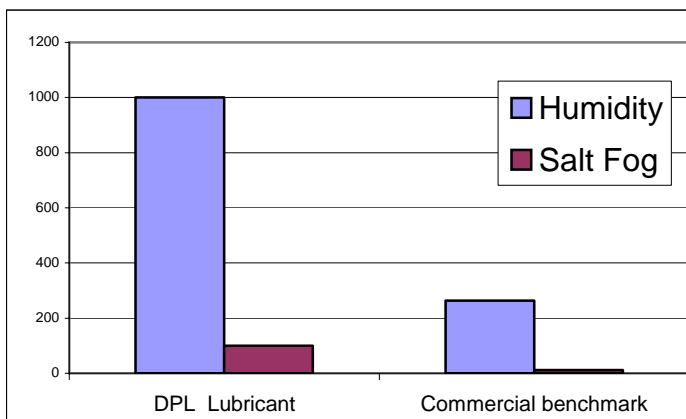
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Performance

Rust/Corrosion Protection (ASTM B 117-95)

DPL® Lubricant	1000 hrs / 100% RH at 120° F
Commercial benchmark	264 hrs / 100% RH at 120° F
DPL® Lubricant	100 hrs / 100% RH w/ 5% salt at 95° F
Commercial benchmark	12 hrs / 100% RH w/ 5% salt at 95° F



USAGE INSTRUCTIONS

For commercial use only.

Read MSDS carefully prior to use.

Shake before using. Spray 4-6 inches from surface to be lubricated or protected. For precise application use attached extension tube.

DISTRIBUTED BY: