



# LPS 1 Greaseless Lubricant

**DRY FILM LUBRICANT**



## FEATURES

- Provides a dry, thin, lubricating film
- Resists oil, dust, and dirt build-up
- Ideal for delicate mechanisms
- Removes carbon build-up from surfaces
- Displaces moisture
- Safe on paint, fabric, and most plastics
- Used world-wide in aviation
- Loosens rusted or frozen parts
- NSF® Registered H2
- VOC compliant in all 50 states
- Acceptable for use in Canadian Food Processing Establishments

## APPLICATIONS

- Cables
- Circuit Breakers
- Electric Motors
- Electronic Connectors
- Molds
- Nuts and Bolts
- Locks
- Power Tools
- Hinges
- Sliding Mechanisms
- Ignition Systems
- Switch Gears
- Relays

## SPECIFICATIONS AND APPROVALS

- Tyco Electronics
- Occidental Chemicals
- Tampa Electric Co.
- MIL-C-23411A
- Kimberly-Clark
- Inland Steel
- Minntac - US Steel
- Shell Oil
- PlastiPack Packaging
- Chrysler Corporation
- Rolls Royce Overhaul Process 340
- Pratt & Whitney Canada CPMC 79255 Rev. C
- Lockheed Martin EPSN G34.031
- Delta Airlines
- New York City Transit
- Hazelton Pump
- Cummins Engine
- Caterpillar
- Boise Cascade
- NSF International
- Canadian Food Inspection Agency
- Honda Corp.
- Ford Motor Co.
- Bombardier (Canadair) BAMS 569-001
- Boeing B737-500 Task 75-31-02-206-001-C00
- Allied Signal ES-2092

## PROPERTIES

<b>Appearance/physical state</b>	Aerosol: Gas, Bulk: Liquid
<b>Odor</b>	Characteristic
<b>Melting point/freezing point</b>	<-58°F (<-50°C)
<b>Boiling point/range</b>	415.4°F (213°C)
<b>Vapor pressure</b>	< 0.05 mm Hg @ 20°C
<b>Partition coefficient</b>	< 1
<b>Percent volatile</b>	95 - 96%
<b>Flammability limit</b>	Aerosol: Flammable Gas, Bulk: Not applicable
<b>Propellant</b>	Carbon Dioxide
<b>VOC Content</b>	0.4% per US State & Federal Consumer Product Regulations
<b>Color</b>	Amber
<b>Flash point</b>	174.2°F (79.0°C) Tag Closed Cup (dispensed liquid)
<b>Relative density</b>	0.79 - 0.81 @ 20°C
<b>Evaporation rate</b>	< 0.1 (BuAc = 1)
<b>Vapor density</b>	> 1 (air = 1)
<b>Auto-ignition temperature</b>	> 442.4°F (> 228°C)
<b>Viscosity</b>	< 3.8 cSt @ 25°C
<b>Specific Gravity (water=1)</b>	Not available
<b>Temperature Range °F(°C)</b>	Not available
<b>4-Ball Weld Load</b>	Not available

## DIRECTIONS

Aerosol: Shake well before using. Spray on clean surface. Use attached extension tube for pinpoint application. Safe to use on fabric, plastic, paint and other finishes. Bulk: Apply on clean surface when possible. Safe to use on all metals, fabric, plastic, paint and other finishes.

## HANDLING

Aerosol: Pressurized container: Do not pierce or burn, even after use. Do not spray on a naked flame or any other incandescent material. Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition. Avoid breathing gas. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Use only in well-ventilated areas. Wear appropriate personal protective equipment. Observe good industrial hygiene practices. Bulk: Keep away from open flames, hot surfaces and sources of ignition. Avoid breathing mist or vapor. Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated contact with skin. Avoid prolonged exposure. Use only in well-ventilated areas. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Observe good industrial hygiene practices.

## STORAGE

Aerosol: Store in a well-ventilated place. Keep container tightly closed. Store locked up. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Bulk: Store in a well-ventilated place. Keep container tightly closed. Keep cool. Store locked up.

## DISPOSAL INFORMATION

Dispose of contents/container in accordance with local/regional/national/international regulations.

## IS (IDENTIFICATION SYSTEM)



## AVAILABLE PRODUCTS

Part No.		Net Contents	Container	Case Pack	Case Wt.
US	Canada				
00116	C30116	11 wt. oz./312 g/379 mL	aerosol	12	12 lbs.
00122	C00122	20 fl. oz. (591 mL)	trigger	12	18 lbs.
01128	C01128	1 gal. (3.78 L)	bottles	4	33 lbs.
00105	C00105	5 gal. (18.93 L)	pail	1	39 lbs.
00155	C00155	55 gal. (208 L)	drum	1	418 lbs.



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**LUBRICANTS/PENETRANTS**