



# LPS 1<sup>®</sup> Greaseless 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
- VOC compliant in all 50 states

## 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

- Allied Signal ES-2092
- Boeing B737-500 Task 75-31-02-206-001-C00
- Boise Cascade
- Bombardier (Canadair) BAMS 569-001
- Canadian Food Inspection Agency
- Caterpillar
- Chrysler Corporation
- Cummins Engine
- Delta Airlines
- Ford Motor Co.
- Hazelton Pump
- Honda Corp.
- Inland Steel
- Kimberly-Clark
- Lockheed Martin EPSN G34.031
- Minntac - US Steel
- New York City Transit
- NSF International, H2 (Aerosol)
- NSF International, H2 (Non-Aerosol)
- Occidental Chemicals
- PlastiPack Packaging
- Pratt & Whitney Canada CPMC 79255 Rev. C
- Rolls Royce Overhaul Process 340
- Shell Oil
- Tampa Electric Co.
- Tyco Electronics

## PROPERTIES

<b>Appearance / Physical State</b>	Aerosol: Gas, Bulk: Liquid
<b>Odor</b>	Characteristic
<b>Melting / 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</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>Density</b>	0.79 - 0.81 @ 20°C
<b>Dielectric Strength</b>	32 kV
<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</b>	Not available
<b>Temperature Range</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

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

## AVAILABLE PRODUCTS

US	Part No.		Net Contents	Container Type	Units/Case	Approximate Case Weight
	Canada	Europe				
		MO0115	5 L	pail	1	
00116	C30116	MO0116	11 wt oz / 312 g / 379 mL	aerosol	12	12 lbs
00122	CO0122		20 fl oz / 591 mL	trigger	12	18 lbs
01128	C01128		1 gal / 3.78 L	bottle	4	33 lbs
00105	CO0105		5 gal / 18.93 L	pail	1	39 lbs
00155	CO0155	MO0155	55 gal / 208 L	drum	1	418 lbs



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