



# 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

- ASTM F-945-12
- BAMS 596-001 rev C class C
- Ford Motor Co.
- NSF International, H2 (Aerosol)
- NSF International, H2 (Bulk)
- Pratt & Whitney Canada CPMC 79255

## PROPERTIES

Appearance / Physical State	Aerosol: Gas, Bulk: Liquid
Color	Amber
Odor	Characteristic
Melting / Freezing Point	<-58°F (<-50°C)
Boiling Point / Range	415.4°F (213°C)
Flash Point	174.2°F (79.0°C) Tag Closed Cup (dispensed liquid)
Evaporation Rate	< 0.1 (BuAc = 1)
Flammability	Aerosol: lower 0.6%, upper 7% Bulk: Not applicable
Vapor Pressure	< 0.05 mm Hg @ 20°C
Vapor density	> 1 (air = 1)
Density	0.79 - 0.81 @ 20°C (relative)
Water Solubility	Not soluble.
Partition Coefficient	< 1
Auto-Ignition Temperature	> 442.4°F (> 228°C)
Viscosity	< 3.8 cSt @ 25°C
Percent volatile	95 - 96%
VOC Content	0.4% per US State & Federal Consumer Product Regulations
Propellant	Carbon Dioxide
Dielectric Strength	32 kV
Temperature Range	-60°F to 350°F

## 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

Part No.		Net Contents	Container Type	Units/Case	Approximate Case Weight
US	Europe				
00116	M00116	11 wt oz / 312 g / 379 mL	aerosol	12	12 lbs
00122		20 fl oz / 591 mL	trigger	12	18 lbs
01128		1 gal / 3.78 L	bottle	4	33 lbs
00105		5 gal / 18.93 L	pail	1	39 lbs
00155	M00155	55 gal / 208 L	drum	1	418 lbs
	M00115	5 L	pail	1	



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