

# Aviation Maintenance Solutions



Distributed By:



**LPS Laboratories, Inc.**

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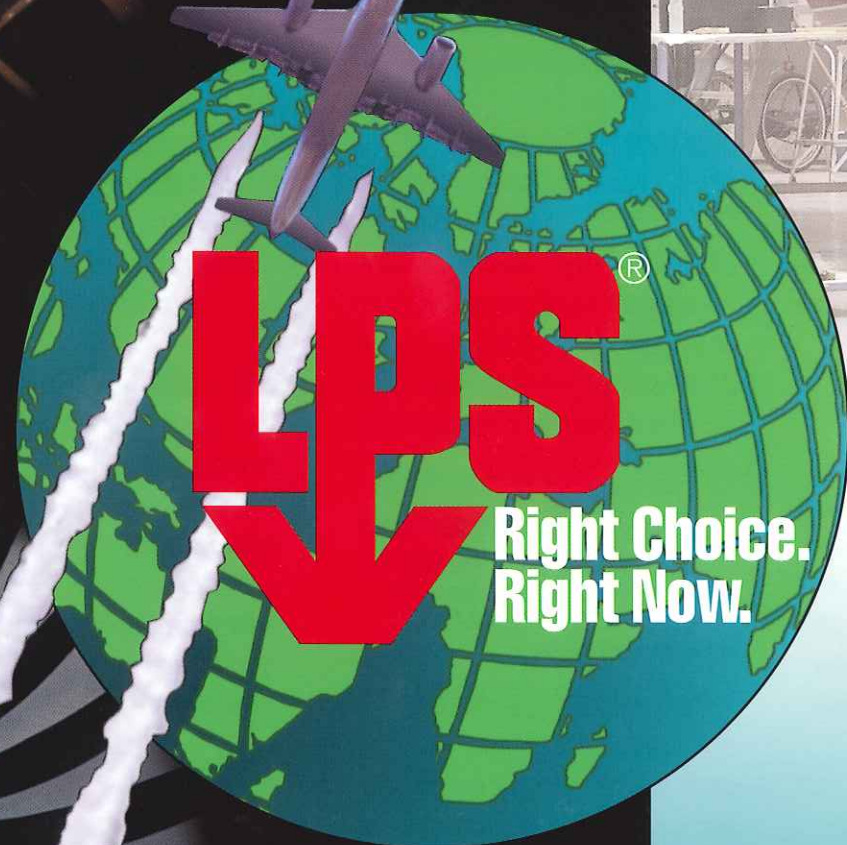
Internet Web Site: [www.lpslabs.com](http://www.lpslabs.com)

**CERTIFIED  
ISO 9002**  
QUALITY MANAGEMENT SYSTEM



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# Aviation Maintenance Solutions



**Cleaners/  
Degreasers**



**Renewal  
Composites**



**Tapmatic®  
Cutting Fluids**



**Lubricants/  
Penetrants**



**Corrosion  
Inhibitors**





**W**elcome to LPS Laboratories, Inc. The company was started in 1961 when LPS 1 Greaseless Lubricant was first introduced. Since that time, LPS has added a wide range of innovative new products including LPS 2 Industrial-Strength Lubricant and LPS 3 Heavy-Duty Rust Inhibitor, all of which are designed to meet our customers' MRO chemical needs.

In 1988, LPS was acquired by Morgan Crucible, plc of Windsor, England, a 1.6 billion dollar materials technology company. This acquisition propelled LPS to leadership in the industrial MRO market through access to new technologies, capital for research and through decentralized, responsive management.

**LPS**® As a result, end-user demand for LPS products has grown. The LPS brand is recognized worldwide in the industrial, aviation, electrical and hardware trade channels as the value-added premium product. We offer an MRO chemical consolidation solution that will improve performance and save time and money for our distributors and their customers.

LPS offers six categories of high performance chemical products: Cleaners/Degreasers, Lubricants/ Penetrants, Corrosion Inhibitors, Cutting Fluids, Renewal Epoxy Repair Products and Mold Release Agents.

## Worldwide Distribution

Multiple stocking locations worldwide provide for faster deliveries of products.

LPS sells through distribution only. We support distributor growth with new business opportunities, consolidation advantages, aggressive marketing programs and new products.

## Worldwide Direct Sales Force

Product knowledgeable Regional and International Area Sales Managers provide direct local support and services worldwide.

In the early 1990's, LPS added a direct sales force in order to better serve the needs of our distributors and end-users. This change continues to build the LPS brand name through increased product demand and new product applications.

LPS has received product qualifications and recommendations from numerous major manufacturers so that many LPS products are specified for use in their plants and for ongoing maintenance of their finished products. Currently, we have

products qualified by Ford, General Motors, Chrysler, Boeing, McDonnell Douglas, Airbus, Allied Signal, Xerox, Kodak, U.S. Steel, Exxon, Johnson & Johnson, Bausch & Lomb, Norfolk Southern Railroad, International Paper, Consolidated Paper and many more. In addition, we have products which conform to U.S. Military specifications and the stringent requirements of the U.S.D.A. for use in food processing operations.

LPS is dedicated to providing its customers products that work right the first time.

As another value added service, LPS implemented a successful quality program several years ago and in 1995 became certified to the strict ISO 9002 international quality standard.

Every LPS employee has adopted the value added service attitude. Our pledge to you is to provide top performing products backed by a level of service and support that will always exceed your expectations. You can be assured you've made the Right Choice, Right Now with LPS. ■

— JAMES J. ALLEN,  
President of LPS Laboratories, Inc.

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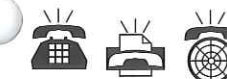


Including G7, LPS now sells into 45 countries worldwide.



Atlanta World Headquarters

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## LOOK FOR THESE PRODUCT FEATURES

**New!**

### New Products

Meeting our customers' needs.



### Invert-A-Spray Valve

For hard-to-reach areas, this valve allows you to spray at most angles, even upside down.

### "Meets or Exceeds"

#### Military & Aviation Specifications

Look for approvals by the military or major aircraft manufacturers below each product. Also see the complete index listing.

### NSN

#### National Stock Numbers

Look for NSNs under each product for easy inventory ordering through the government.



### Safer Alternatives For The Ozone Layer

Products with this symbol are designed to be substituted for solvents with high ozone depletion potential.



### Extreme Temperature Usage

Specifically designed for use in extreme temperature or pressure conditions.



### Oversized E-Z Spray Actuator

Designed for easy usage with gloves. Minimizes hand stress and stays on tight.



**Wide Range of Sizes**  
From a 2 oz. tube to a 55 gallon drum, LPS offers a broad range of product sizes that fit your needs.

### User-Friendly Packages

Invert-Spray Valves, Oversized E-Z Spray Nozzles, clear plastic bottles, hand grips, squeeze tubes, trigger sprayers, pinpoint applicators – all contribute to making maintenance easier for you.

### Compliance & Regulations

LPS remains committed to strict safety, health and environmental standards. Not only is compliance a corporate objective, but significant regulatory service and support resources are dedicated in the way of personnel and state of the art equipment.

### Recyclable Materials

Whether it's steel aerosol cans, plastic bottles or chipboard boxes, LPS makes a concerted effort to package with recycled material.

### UPC Bar-Coding

UPCs are printed on all packages and cans to help you keep accurate stocks.

### Ozone Depletion Concerns

LPS is a leader in educating customers and developing replacement alternatives to harmful chemicals that attack the stratospheric ozone layer.





## CONTACT LPS:

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or (770) 934-7800

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	Size	Part No.
NSN 6850-01-411-1834 (11 oz.)	11 oz. (312 grams)	03116
NSN 6850-01-411-6571 (1 gal.)	1 gal. (3.78 liters)	03101
NSN 6850-01-412-0044 (5 gal.)	5 gal. (18.93 liters)	03105
NSN 6850-01-412-0043 (55 gal.)	55 gal. (208 liters)	03155



**End-User Safety Tip—**  
*NoFlash inhibits the formation of frost on electrical surfaces and reduces the chance of shorting. It is especially suited for precision cleaning of electrical and electronic parts as well as other types of delicate mechanisms.*



### CFC Free Electro Contact Cleaner

- Fast evaporation
- No rinsing and no residue
- Low odor
- Nonconductive
- Safe on metal, plastic, rubber, paint, fabric and glass surfaces
- Low toxicity
- Inverta Spray Valve

*Meets or exceeds these specs:*

McDonnell Douglas CSD #1  
Boeing D6-17487 Rev. H



### NoFlash Electro Contact Cleaner

- No flash point
- Nonflammable
- No rinsing and no residue
- Quick penetration
- Quick evaporation
- Superior wetting action
- Safe to use on most surfaces - may be harmful to some plastics
- Contains HCFC 141b - which has 85% less ozone depletion potential than CFC 113
- Inverta Spray Valve

*Meets or exceeds these specs:*

McDonnell Douglas CSD #1  
Boeing D6-17487 Rev. H  
Learjet LAS 1239

NSN 7930-01-436-7971 (15 oz.)

Size	Part No.
15 oz. (425 grams)*	04016

\* Not available in Europe.



### PSC Plastic Safe Cleaner

- Electrical contact cleaner
- Fast evaporation
- Very low odor
- No flash point
- Noncorrosive
- No rinsing and no residue
- Displaces moisture
- Contains HCFC 141b - which has 85% less ozone depletion potential than CFC 113

*Meets or exceeds these specs:*

Learjet LAS 1239

Size	Part No.
18 oz. (511 grams)*	04620



### QB Precision Duster

- Quick blast precision duster removes contaminants, dirt, dust and other soils
- Moisture free
- No residue
- No flash point
- Nonflammable
- Nonabrasive
- Odorless

Size	Part No.
10 oz. (284 grams)	05710



*PSC is formulated to clean oxides and other contaminant build-ups on avionics and electrical contacts. It also cleans electrical assemblies made of plastic and metal leaving no residue.*

*\*Available in Canada in late 1997. Not available in Europe.*



### Electro 140° Contact Cleaner

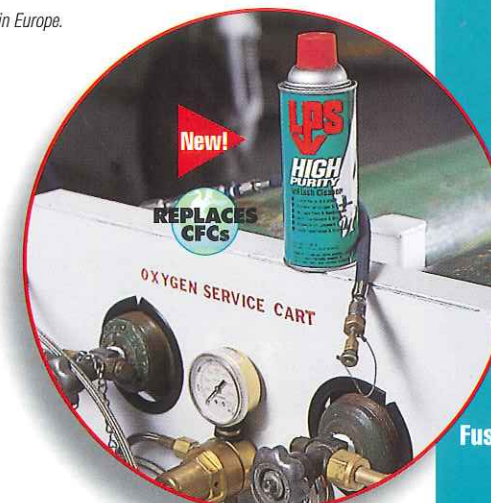
- Flash point above 140° (60° C)
- Controlled evaporation
- No rinsing and no residue
- Superior wetting & penetration
- Precision cleaning
- Nonconductive
- Safe to use on most surfaces - may be harmful to some plastics
- Low odor
- Inverta Spray Valve

*Meets or exceeds these specs:*

Boeing D6-17487 Rev. H  
Learjet LAS 1239

NSN 6850-01-418-1704 (11 oz.)  
NSN 6850-01-418-1706 (1 gal.)  
NSN 6850-01-418-1699 (5 gal.)  
NSN 6850-01-418-1700 (55 gal.)

Size	Part No.
11 oz. (312 grams)	00916
1 gal. (3.78 liters)	09128
5 gal. (18.93 liters)	00905
55 gal. (208 liters)	00955



### High Purity NoFlash Cleaner

- Especially suited for oxygen system cleaning
- No flash point
- Nonflammable
- Very low organic residue, <20 ppm. max.
- Very low moisture
- Contains HCFC 141b - which has 85% less ozone depletion potential than CFC 113
- Quick penetration and evaporation
- Safe to use on most surfaces - may be harmful to some plastics

*Conforms to these specs:*

A-A-50425  
Approved by the U.S. Military for spot cleaning of oxygen systems

NSN 7930-01-398-0987 (15 oz.)

Size	Part No.
15 oz. (425 grams)	02816



Cleaners/  
Degreasers

## GENERAL APPLICATIONS:

Aircraft Wheels

Avionics

Blast Areas

Brakes

Circuit Breakers

Computers

Contacts

Engine Cowling

Exhaust Trails

Exteriors Filter

Screens

Fuselage Tail Section

Galley Areas

Generators

Instrumentation

Landing Gear

Leading Edge

Metal Surfaces

Oxygen Systems

PC Boards

Propeller Surface

Radios & Radar Equip.

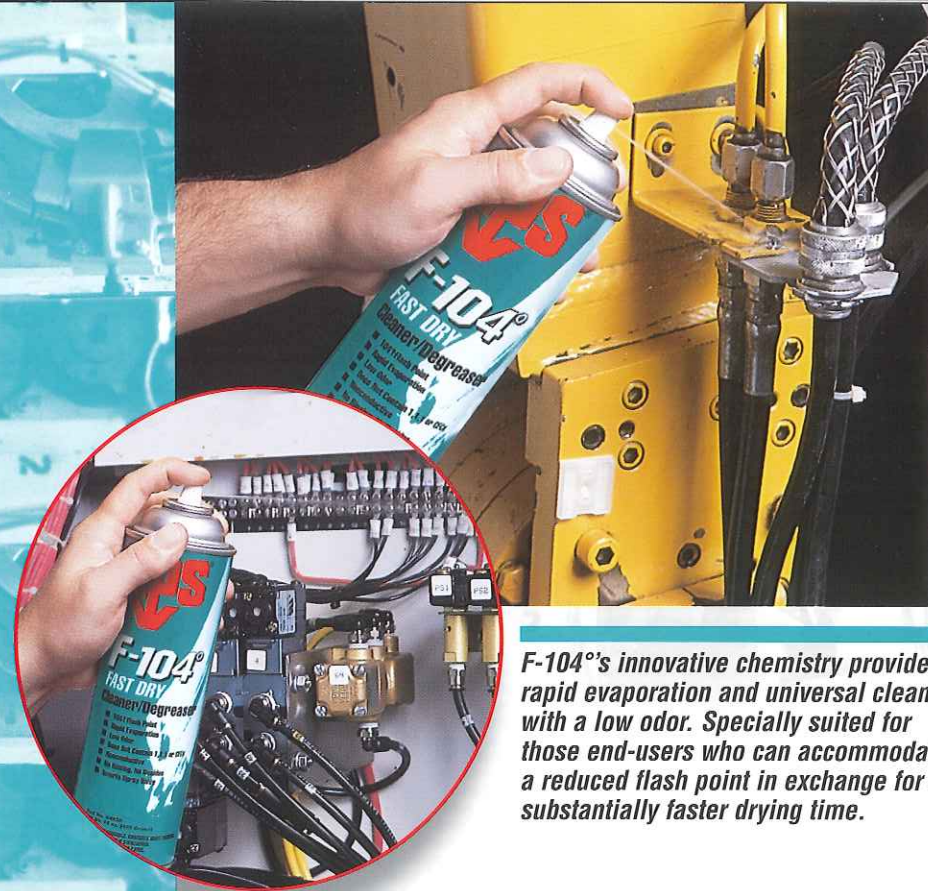
Rheostats

Upholstery & Vinyl

Wing Tips & Flaps







*F-104's innovative chemistry provides rapid evaporation and universal cleaning with a low odor. Specially suited for those end-users who can accommodate a reduced flash point in exchange for a substantially faster drying time.*



**End-User Safety Tip—**  
A-151's high flash point above 140° F allows use in areas where flammability poses a potential problem.

*A-151 works its way into hard-to-reach areas, cleaning equipment and parts thoroughly with no need to disassemble the equipment to be cleaned.*

**New!**

### F-104° Fast Dry Cleaner/Degreaser

- 104° F flash point
- Rapid evaporation
- Low odor
- Does not contain 1, 1, 1 trichloroethane
- Nonconductive
- No rinsing and no residue
- Heavy-duty cleaner/degreaser
- Safe to use on most surfaces - may be harmful to some plastics
- Inverta Spray Valve
- Complies with the Aerospace NESHAP for wipe solvents

Size	Part No.
15 oz. (425 grams)	04920
1 gal. (3.78 liters)	04928
5 gal. (18.93 liters)	04905
55 gal. (208 liters)	04955

### A-151 Cleaner/Degreaser

- High flash point above 140° F (60° C)
- Low odor
- No rinsing and no residue
- Replaces ozone depleting solvents and hazardous air pollutants such as MEK
- Does not contain 1, 1, 1
- Nonconductive
- Safe to use on most surfaces - prolonged contact with aircraft transparencies should be avoided
- Inverta Spray Valve

**Meets these corrosion requirements:**

Pratt & Whitney SPOP 208  
McDonnell Douglas CSD #1  
Boeing D6-17487 Rev. H  
Learjet LAS 1239

Size	Part No.
15 oz. (425 grams)	04320
1 gal. (3.78 liters)	04328
5 gal. (18.93 liters)	04305
55 gal. (208 liters)	04355

*PreSolve solves the toughest cleaning problems fast. It is especially suited for cleaning parts and equipment.*

### PreSolve® Cleaner/Degreaser

- High performance cleaner
- Nonflammable propellant
- Nonconductive
- Natural-based solvent
- Does not contain 1, 1, 1 trichloroethane
- No rinsing and no residue
- Controlled evaporation
- Fast acting, deep penetration
- Safe on all metals & most plastics
- Inverta Spray Valve

**Meets or exceeds these specs:**

McDonnell Douglas CSD #1  
Boeing D6-17487 Rev. H



### Precision Clean Multi-Purpose Cleaner/Degreaser

- Water-based/biodegradable
- Does not contain chlorinated or petroleum solvents, bleach, ammonia, abrasives or butyl
- Contains a corrosion inhibitor to help prevent flash rusting
- Super industrial-strength
- Nonflammable
- Safe on all surfaces

**Meets or exceeds these specs:**

McDonnell Douglas CSD #1  
Boeing D6-17487 Rev. H  
AMS 1526A

Concentrate	Part No.
1 gal. (3.78 liters)	02701
5 gal. (18.93 liters)	02705
55 gal. (208 liters)	02755

Ready-to-Use	Part No.
55 gal. (208 liters)**	02765
28 oz. (828 ml) trigger	02728

\*\* Not available in Canada.



Size	Part No.
15 oz. (425 grams)	01420
1 gal. (3.78 liters)	01428
5 gal. (18.93 liters)	01405
55 gal. (208 liters)	01455



### Instant Super Cleaner/Degreaser

- Heavy-duty safety solvent
- No flash point
- Nonflammable
- Does not contain petroleum solvents
- No rinsing and no residue
- Works while equipment is in operation
- Nonconductive & nonstaining
- Safe to use on most surfaces
- Inverta Spray Valve

**Meets or exceeds these specs:**

Federal Spec. O-T-620C  
MIL-T-81533A

**NSN** 6850-01-063-4760 (20 oz.)

Size	Part No.
20 oz. (567 grams)*	00720
1 gal. (3.78 liters)*	07128
5 gal. (18.93 liters)*	00705
55 gal. (208 liters)*	00755

\* Not available in Canada or Europe.

### ZeroTri Cleaner/Degreaser

- Heavy-duty solvent
- No rinsing and no residue
- Fast-acting
- Instant penetrating action
- Nonconductive
- Safe to use on most surfaces
- Ideal for cleaning metals prior to dye penetrant inspection
- Replaces 1, 1, 1 for removal of conformal coatings
- Inverta Spray Valve

Size	Part No.
15 oz. (425 grams)	03520
1 gal. (3.78 liters)	03528
5 gal. (18.93 liters)	03505
55 gal. (208 liters)	03555

**Cleaners/  
Degreasers**

### GENERAL APPLICATIONS:

Aircraft Wheels  
Blast Areas  
Brakes  
Circuit Breakers  
Computers  
Contacts & Switches  
Delicate Avionics  
Engine Cowling  
Exhaust Trails  
Exterior Surface  
Filter Screens  
Fuselage Tail Section  
Galley Areas  
Generators  
Instrumentation  
Landing Gear  
Leading Edge  
Metal Surfaces  
Oxygen Systems  
PC Boards  
Propeller Surface  
Radios & Radar Equip.  
Rheostats  
Upholstery & Vinyl  
Wing Tips & Flaps





# Renewal Composites



**Strong Steel Stick** has a special formulation filled with selected steel particles, modified curing agents and special high quality additives to provide maximum strength, durability and ease of application.



**HARDENS  
IN 20 MINUTES**

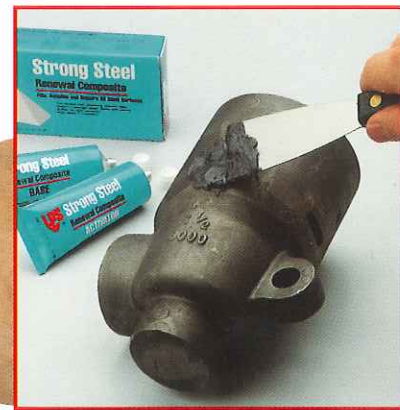
## Strong Steel Stick Renewal Composite

- Hand-kneadable ready-to-use stick for fast emergency repairs
- Hardens like steel in 20 minutes
- Can be machined, drilled and painted in 30 minutes
- Plugs and seals leaks
- Permanently fill gaps & holes in metal, concrete, wood, fiberglass & ceramics
- Patches holes and cracks in pipes, drums and tanks
- Can be used for underwater repairs

Size	Part No.
4 oz. (114 grams)	60159



**Tough Titanium** has a compressive strength of 18,400 psi and a temperature resistance of 350° F (177° C).



## Tough Titanium Renewal Composite

- For use on metals that require high compressive strength and chemical resistance
- Superior performance
- Heavy-duty repairing and rebuilding compound for metals
- Nonrusting finish
- Great for precision repairs and bedding and leveling machines
- Easy to mix and apply, cures at temperatures as low as 40° F (5° C)
- Can be machined after curing

Size	Part No.
1 lb. (454 grams)	60550

## Strong Steel Renewal Composite

- Fills, builds and repairs all steel surfaces
- Can be used to rebuild cracks and breaks in equipment, machines and castings and building up steel surfaces
- Hardens in 4 hours
- Can be machined, drilled and painted in 16 hours
- Excellent resistance to oil, water and many chemicals
- Has a temperature resistance of 250° F (120° C)
- Easy to mix and apply
- Adheres to vertical surfaces and bonds to most metals
- Great for aircraft floorboard repairs

NSN 8040-01-430-2133 (5 oz.)

Size	Part No.
5 fl. oz. (148 ml)	60150
1 lb. (454 grams)	60100

# Cutting Fluids



For use on  
all metals  
except  
aluminum.



Made espe-  
cially for  
aluminum.



## Tapmatic Dual Action Plus #1

- Contains 1, 1, 1 trichloroethane
- Refrigerates and lubricates
- Reduces friction and eliminates chip welding
- Lowers temperature through chemically controlled evaporation
- Provides ultrafine finishes and precise tolerances

## Tapmatic Dual Action Plus #2

- Does not contain 1, 1, 1 trichloroethane
- Provides superior boundary lubricity in machining aluminum and its alloys
- Reduces friction and eliminates chip welding
- Improves surface finish and extends tool life

Size	Plus #1	Plus #2
16 fl. oz. (0.473 liter)	40120*	40220**
1 gal. (3.78 liters)	40130*	40230**
5 gal. (18.93 liters)	40140*	40240**
55 gal. (208 liters)	40160*	40260**

\* Not available in Canada or Europe.  
\*\* Not available in Canada.

4 oz. size is  
convenient  
for pocket  
or tool box.



## Tapmatic Natural

- Ultra-safe and biodegradable
- Nontoxic and nonhazardous
- Does not irritate the skin, eyes or respiratory tract
- Does not contain 1,1,1 trichloroethane, sulfur, chlorine, chlorinated solvents, water, mineral oil or inactive fillers
- High performance lubricating ability eliminates galling and seizing
- Safe on all metals

## Tapmatic #1 Gold

- Great for hard to machine metals
- Excellent for low speed, high pressure applications
- Minimizes torque increases
- Does not contain 1,1,1 trichloroethane, chlorinated paraffins, water, solvents or inactive fillers
- Aerosol provides a pinpoint stream with foaming action
- Safe on all metals

Meets or exceeds these specs:

Boeing BAC 5008  
Boeing D6-48809

## Tapmatic AquaCut

- Water-based formula
- Excellent for high speed, low pressure applications
- Nonflammable
- Nonhazardous
- Does not contain 1,1,1 trichloroethane, sulfur, chlorine or oils
- Safe on all metals, except magnesium
- Corrosion inhibitors prevent flash rusting
- Provides fine finishes
- Cinnamon scent

Size	Part No.
4 oz. (118 ml.)	44204
16 fl. oz. (0.473 liters)	44220
1 gal. (3.78 liters)	44230
5 gal. (18.93 liters)	44240
55 gal. (208 liters)	44260

Size	Part No.
4 oz. (118 ml.)	40304
16 fl. oz. (0.473 liters)	40320
11 oz. (312 g.) aerosol	40312
1 gal. (3.78 liters)	40330
5 gal. (18.93 liters)	40340
55 gal. (208 liters)	40360

Size	Part No.
4 oz. (118 ml.)	01204
16 fl. oz. (0.473 liters)	01216
1 gal. (3.78 liters)	01228
5 gal. (18.93 liters)	01205
55 gal. (208 liters)	01255

## CONTACT LPS:

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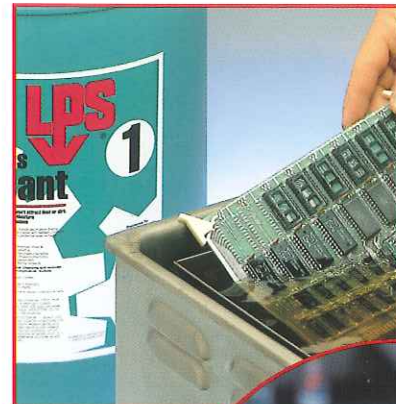
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**LPS 1 displaces moisture, making it ideal for drying out electrical/electronic components.**



### LPS ① Greaseless Lubricant

- Dries fast and resists oil, dust and dirt build-up
- Provides a dry, thin lubricating film
- Fast acting penetration
- Displaces moisture
- Loosens rusted or frozen parts
- Provides short term light corrosion resistant barrier
- Resists film build-up
- Nonflammable propellant
- Ideal for delicate mechanisms
- Safe on plastic, rubber and paint
- Used worldwide in aviation
- Inverta Spray Valve

#### Meets or exceeds these specs:

O-W-001284a, para. 3.1-3.9  
MIL-C-23411A, para. 3.1.1, 3.2-3.11

NSN 7930-01-380-9028 (11 oz.)

NSN 9150-01-142-9773 (5 gal.)

Size	Part No.
11 oz. (312 grams)	00116
1 gal. (3.78 liters)	01128
5 gal. (18.93 liters)	00105
55 gal. (208 liters)	00155
20 fl. oz. (591 ml.) trigger spray	00122

**LPS 1 contains ingredients which dissolve and remove greases and oils from delicate mechanisms.**

For  
Delicate  
Mechanisms

1

**PERFORMANCE ■ QUALITY ■ SAFETY**

**EXCEPTIONAL CLEANING ABILITIES ■ LONG-LASTING LUBRICATION ■ DEEP PENETRATION**

**HIGH DIELECTRIC STRENGTH ■ MOISTURE DISPLACEMENT ■ SHORT-TERM CORROSION PROTECTION**

**LOOSENS FROZEN PARTS ■ NONFLAMMABLE PROPPELLANT ■ 97.5% USEABLE PRODUCT CONTENT**

**ENVIRONMENTALLY SAFE ■ USED WORLDWIDE IN AVIATION**

### LPS ② Industrial-Strength Lubricant

- Strong, multi-purpose lubricant and penetrant with added corrosion protection
- Provides a nondrying, light, oily film for use on indoor/outdoor equipment
- Displaces moisture
- Reduces wear caused by friction and corrosion
- Loosens rusted or frozen parts
- Provides up to one year protection
- Nonflammable propellant
- Nonconductive
- Safe on plastic, rubber and paint
- Used worldwide in aviation
- Inverta Spray Valve

#### Meets or exceeds these specs:

MIL-C-16173D Grade 3 Class I, para. 3.3, 3.4, 3.7-3.11  
MIL-C-81309D Type III, para. 3.4-3.5

NSN 8030-01-382-1301 (11 oz.)

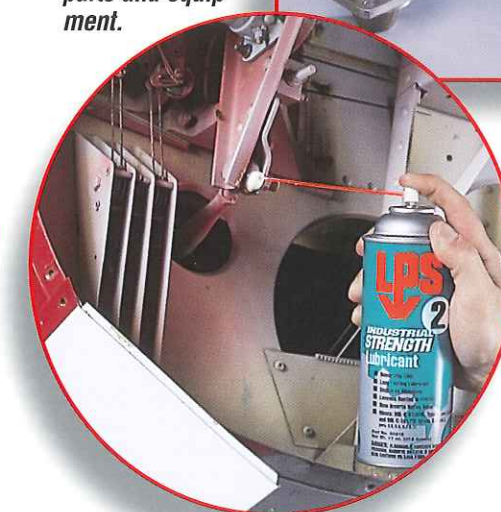
Size	Part No.
11 oz. (312 grams)	00216
1 gal. (3.78 liters)	02128
5 gal. (18.93 liters)	00205
55 gal. (208 liters)	00255
20 fl. oz. (591 ml.) trigger spray	00222

**Long lasting lubrication and up to one year protection against corrosion.**

**LPS 2 acts fast, penetrates deep and provides short-term corrosion protection.**



**LPS 2 is an excellent protective coating for hand and machine tools, parts and equipment.**



For  
Parts  
& Equipment

2

### GENERAL APPLICATIONS:

Air Power Tools  
Ball & Socket Joints  
Cables  
Chutes  
Control Panels  
Enclosures  
Entry Doors  
Faying Surface  
Food Handling Equip.  
Gears  
Guides  
Hinges  
Latches & Linkages  
Locks & Levers  
Machinery & Motors  
Precision Tools  
Pulleys  
Rails & Rollers  
Seat & Cargo Tracks  
Sliding Mechanisms  
Spinner Bolts  
Sprockets  
Taps & Dies  
Tools  
Wing Interior





Size	Part No.
11 oz. (312 grams)	00616
1 gal. (3.78 liters)	06128
5 gal. (18.93 liters)	00605

*Magnum is specially formulated with ultra high lubricity that minimizes friction and extends equipment life.*

### Magnum Teflon® Lubricant

- High performance lubricant with Teflon® additives
- Ultra high lubricity
- Ideal for both regular and extreme conditions
- Penetrates and protects metal against rust and corrosion
- Provides complete surface coverage
- Flash point of 175° F (79° C)
- Safe to use on most surfaces
- Inverta Spray Valve

*Ideal for surfaces like elastomers and plastics where petroleum products are unsuitable.*

### Heavy-Duty Silicone Lubricant

- Silicone-rich formula
- Water-based
- Colorless, odorless and nontoxic
- Excellent lubricity
- Eliminates sticking, binding and squeaking
- Dry, nonstaining
- Safe on most surfaces

*Meets or exceeds these specs:*  
FDA Regulation 21 CFR 178.3570 for Incidental Food Contact



Size	Part No.
13 oz. (368 grams)	01516
5 gal. (18.93 liters)	01505
55 gal. (208 liters)*	01555

\* Currently not available in Canadian warehouse.

*Lubricates and protects rubber, plastic and metal parts.*



### White Lithium with Teflon®

- Pure white lubricant with Teflon® additives
- Provides maximum lubrication
- Rust and oxidation inhibitors protect metal
- Heat and water resistant
- Rapidly forms into a pure white grease that won't melt or wash away
- Pure white color allows easy visual inspection

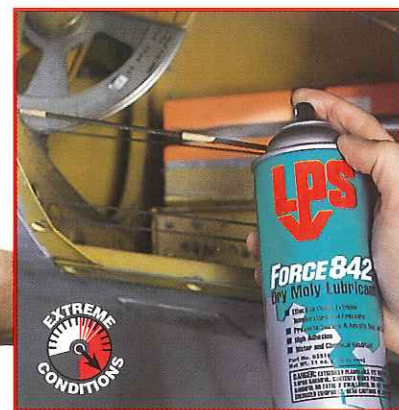
Size	Part No.
10 oz. (284 grams)	03816

### LST Penetrant

- Specially formulated with low surface tension for fast penetrating action
- Attacks rust and corrosion to free frozen parts
- Powerful foaming action provides complete surface coverage
- Displaces moisture
- Lubricates and protects metal surfaces
- Flash point of 175° F (79° C)
- Inverta Spray Valve

*Meets or exceeds these specs:*  
Federal Spec. VV-P-216C Type I  
A-A-50493 Type I

Size	Part No.
11 oz. (312 grams)	01916
1 gal. (3.78 liters)	01928
5 gal. (18.93 liters)	01905
55 gal. (208 liters)	01955



### Force 842° Dry Moly Lubricant

- Works under high temperatures — 842° F (450° C) and pressures — 100,000 psi (6890 Bars)
- Prevents seizure of parts
- High adhesion
- For assembly and break-in lubrication
- Excellent for cables
- Resists dust and dirt
- Water and chemical resistant
- Provides a quick drying, thin film
- Not recommended for friction bearings or light-duty bearings

*Meets or exceeds these specs:*  
MIL-L-46147A

Size	Part No.
11 oz. (312 grams)	02516



### Copper Anti-Seize

- Service rating: -65° F (-54° C) to 1800° F (982° C)
- Lead free, low friction lubricant in a water-resistant grease fortified with anti-oxidants
- Protects against seizure, heat-freeze, galling, rust and corrosion
- Reduces wrench torque
- Cushions impact and shock loads
- Permits reuse of fittings, saves stud, bolt and nut replacements
- Not affected by contraction, expansion or vibration
- Will not run, drip or settle out
- Copper color

*Meets or exceeds these specs:*  
MIL-A-907-E

Size	Part No.
12 oz. (340 g.) aerosol	02916
1/2 lb. (227 grams)	02908
1 lb. (454 grams)	02910



### MR-550 Mold Release with Krytox®

- Dry film lubricant
- Latest advancement in release technology
- Provides excellent lubrication
- Nonstaining
- Paintable
- Nonflammable
- Does not contain CFCs, chlorinated solvents or silicones
- Oversized E-Z Spray Nozzle relieves hand stress while spraying even when wearing large gloves

Size	Part No.
12 oz. (340 grams)	02616



### MR-750 Silicone Mold Release

- Colorless, thin film
- Provides excellent lubrication
- Low odor
- Nonstaining
- Nonflammable
- Noncorrosive
- Does not contain CFCs, or chlorinated solvents
- Oversized E-Z Spray Nozzle relieves hand stress while spraying even when wearing large gloves

Size	Part No.
12 oz. (340 grams)	01616



**Lubricants/  
Penetrants**

### GENERAL APPLICATIONS:

Air Power Tools  
Ball & Socket Joints  
Cables  
Chutes  
Control Panels  
Enclosures  
Entry Doors  
Faying Surface  
Food Equipment  
Gears  
Guides  
Hinges  
Latches & Linkages  
Locks & Levers  
Machinery & Motors  
Precision Tools  
Pulleys  
Rails & Rollers  
Seat & Cargo Tracks  
Sliding Mechanisms  
Spinner Bolts  
Sprockets  
Taps & Dies  
Tools  
Wing Interior





# Corrosion Inhibitors

## CONTACT LPS:

PH: (800) 241-8334  
or (770) 934-7800

FAX: (800) 543-1563  
or (770) 493-9206

INFO-FAX  
(800) 965-4321

WEB PAGE  
[www.lpslabs.com](http://www.lpslabs.com)

500+ hours  
of salt spray  
resistance.

Utilizing hard film technology, **HardCoat** is resistant to salt-water, salt spray, moisture, acids, alkali fumes and other corrosives.

1500+ hours  
of salt spray  
resistance.

Designed for the aerospace industry, this durable, hard film is excellent for preventing corrosion in high risk areas such as lower cargo sections and wheel wells.

### Procyon Corrosion Inhibitor

- Durable, hard transparent film
- Multi-year protection of metal
- Low odor
- Wide operating temperature range
- Resistant to saltwater, salt spray, moisture, acid, alkali fumes and other corrosive elements
- Resists dripping and puddling during spray application
- Safe to use on rubber, fabric, plastics and paints
- Ready-to-use and can be applied with conventional airless or air-operated spray equipment

#### Meets or exceeds these specs:

Boeing BMS-3-29  
Gulfstream GAC115AD

Size	Part No.
12 oz. (340 g.) aerosol	04216
1 gal. (3.78 liters)	04228
5 gal. (18.93 liters)	04205
55 gal. (208 liters)*	04255

\* Currently not available in Canadian warehouse.

### LPS ③ Heavy-Duty Rust Inhibitor

- Protects up to two years
- Stops rust and corrosion
- Provides non-sling lubrication
- Nonflammable propellant
- Self-healing, waxy film
- Provides anti-seize coating
- Safe to use on rubber, fabric, plastics and paints

#### Meets or exceeds these specs:

Boeing BMS-3-23F Type II  
MIL-C-0083933A, para. 3.2-3.16  
MIL-C-16173E Grade 2 Class I  
DMS 2150  
Airbus TN A. 007.10138 Type I Grade 2

NSN 6850-00-118-0666 (11 oz.)  
NSN 6850-00-363-0841 (1 gal.)

Size	Part No.
11 oz. (312 g.) aerosol	00316
1 gal. (3.78 liters)	03128
5 gal. (18.93 liters)	00305
55 gal. (208 liters)	00355
20 fl. oz. (591 ml.) trigger spray	00322

500+ hours  
of salt spray  
resistance.

LPS 3 leaves a soft, self-healing, waxy film that resists moisture.

2000+ hours  
of salt spray  
resistance.

### B-1007 Corrosion Inhibitor

- Protects up to two years
- Heavy, transparent waxy film
- Resistant to salt water, salt spray, moisture, acid, alkali fumes and other corrosive elements
- 2000+ hours salt spray resistance
- Specially designed for the aviation industry for use as a topcoat
- Safe to use on rubber, fabric, plastics and paints
- Ready-to-use and can be applied with conventional airless or air-operated spray equipment

#### Meets or exceeds these specs:

Boeing BMS-3-26A Type II  
MIL-C-16173E Grade 4 Class I  
Airbus TN A. 007.10138 Type II Grade 2

Size	Part No.
5 gal. (18.93 liters)	03005

B-1007's heavy, transparent waxy film is specially designed for Military Aviation Corrosion Prevention Programs.



## Corrosion Inhibitors

### GENERAL APPLICATIONS:

Air Conditioning Ducts  
Bulkheads  
Chains & Cables  
Completed Assemblies  
Emergency Hatches  
Entry Doors  
Cargo Doors  
Faying Surfaces  
Fuselage Structure  
Fuselage  
Hinges  
Horizontal Stabilizer  
Keel Beam  
Landing Gear  
Lap Joints  
Lower Inside Fuselage  
Pins  
Seat & Cargo Tracks  
Skin Panel Edges  
Wheel Wells  
Wing Front & Rear  
Wing Interior  
Wing To Body Fairing







Works as a  
paint primer  
over rust.

### Cold Galvanize Corrosion Inhibitor

- 95% zinc-rich galvanized coating
- Works like a hot-dip on ferrous metals indoors and out
- Three year protection
- Withstands water temperature up to 212° F (100° C) and continuous dry heat up to 750° F (400° C)
- Flexible coating will not yellow, chalk, crack or peel
- Electrochemically protects bare metal

Meets or exceeds these specs:

MIL-P-46105 Weld Through Primer  
ASTM A-780

Passes Preece Test for Hot-Dip Galvanizing

NSN 8010-00-214-7241 (14 oz.)

Size Part No.

14 oz. (397 g.) aerosol 00516

1 gal. (3.78 liters) 05128



Lubricant, protectant  
and anti-seize agent.



### 500 Plus (ESA 100) Corrosion Inhibitor

- Severe conditions lubricant, protectant and anti-seize agent
- Blend of waxes, corrosion inhibitors, lubricants and bentonite clays
- Resists salt spray and weathering
- Seals out moisture, acid and alkali fumes while preventing friction wear
- Clings to vertical surfaces
- Does not contain silicones
- Prevents seizing and galling of nuts, bolts, fittings and other mechanisms
- Will not affect torque readings

Size Part No.

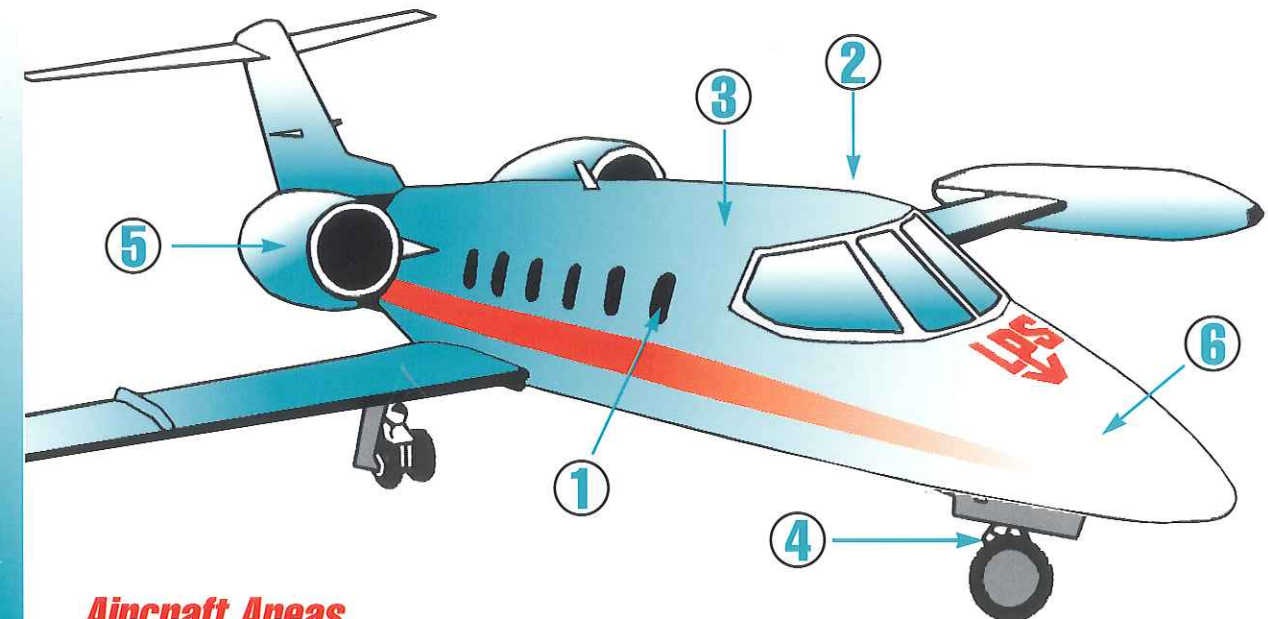
1 qt. (1.101 litre) 01332

5 gal. (18.93 liters)\* 01305

55 gal. (208 liters)\* 01355

\* Not available in Canada.

# Typical Applications



## Aircraft Areas

1	2	3	4	5	6
INTERIOR	DOOR AREAS	EXTERIOR	LANDING GEAR	ENGINES	AVIONICS
Fuselage Crown	Doors	Exhaust Trail	Wheel Wells	Mounting Bolts	Computer Boards
Lower Lobe	Hinges	Faying Surfaces	Attachment Bolts	Intake & Cooling Vents	Switches & Relays
Windows	Steps	Wing Spars	Struts & Tubes	Cowling	Contacts
Lavatory	Cargo Tracks	Stabilizers	Switches & Springs	Battery Box	Connectors
Bilges	Tie Downs	Elevators		Engine Components	Exterior Plugs
Galleys		Piano Hinges			Cables
Pressurized Bulkheads		Antenna Mounts			Terminals
Oxygen Equipment		Static Tubes			Cases/Boxes
Seat Tracks		Wing & Tail Bolts			Splices
Control cables		Wing Tips			Potentiometer/Servo
Spot Welds		Wing Interior Structure			
Floorboards		Tail Interior Structure			

## Typical LPS Products Used In These Areas

LPS Product	Application
Precision Clean Cleaner/Degreaser	Pressure washing & hand applications
High Purity NoFlash Cleaner	Oxygen system cleaning (exterior only)
PreSolve Cleaner/Degreaser	Solvent degreasing
A-151 Cleaner/Degreaser	Non-ozone depleting heavy-duty degreaser
PSC Plastic Safe Cleaner	Electronics cleaning
ZeroTri Cleaner/Degreaser	Flux removal & heavy-duty degreasing
QB Precision Duster	Dust displacement
LPS 1 Greaseless Lubricant	Cleaning, moisture displacement & lubrication
LPS 2 Industrial-Strength Lubricant	Lubrication, moisture displacement & corrosion protection
MR-750 Silicone Mold Release	Colorless silicone lubricant, fast drying
LPS 3 Heavy-Duty Rust Inhibitor	Lubricative corrosion protection
500 Plus Corrosion Inhibitor	"Wet" bolt installation
HardCoat Corrosion Inhibitor	Per BMS 3-23: crown corrosion inhibitor
Procyon Corrosion Inhibitor	Per BMS 3-29: bilge corrosion inhibitor
B-1007 Corrosion Inhibitor	Top coating bilge corrosion inhibitor

For any product application questions, call LPS Technical Support Services at:  
(800) 241-8334 or (770) 934-7800



**LPS**  
Right Choice.  
Right Now.

## FOCUSED ON AVIATION

Since 1961, LPS Laboratories, Inc. has been providing chemical products to aircraft manufacturers, airlines, FBOs and general aviation worldwide. We are committed to providing the aviation industry with a wide range of products for safe effective cleaning, repair, lubrication and corrosion protection.

When you buy LPS products you are purchasing almost 40 years of aviation experience backed by quality assurance (ISO 9002) and unsurpassed field and technical support. ■