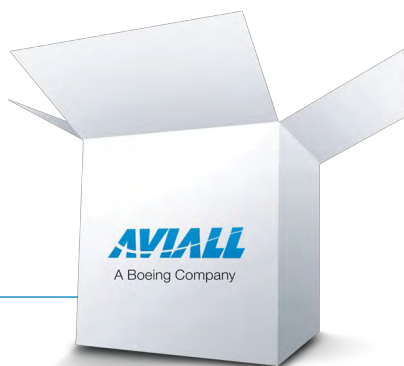




A Boeing Company

# Chemical Solutions Product Guide







Illinois Tool Works (ITW) is a fortune 200 global industrial manufacturer of value-added consumables. It is a highly decentralized organization, headquartered in Chicago. ITW has operating units in 56 countries, employs 51,000 people, and maintains over 15,000 patents. The products offered in this catalog represent a specific segment of products, suitable for the aerospace market, offered from several ITW companies.



- Interior Cleaners
  - Exterior Cleaners
  - Disinfectants
  - Air Fresheners
  - Hand Care
  - Surface Cleaning Wipes
  - Lavatory and Waste Line Maintenance
- 



- Lubricants
  - Penetrants
  - Cutting Fluids
  - Electronic Cleaners
  - Industrial Degreasers
  - Corrosion Inhibitors
  - Specialty MRO
- 



- Hand Cleaning Wipes
  - Surface Cleaning Wipes
  - Surface Sanitation/Disinfectant Wipes
- 



- Lubricants
  - Penetrants
  - Greases
  - Corrosion Inhibitors
- 



- Industrial Paint Markers
- Specialty Markers
- Torque Indicator Pastes



Our full range of environmentally friendly products meets specific aviation performance criteria as well as environmental criteria. We use green chemicals whenever possible and ultimately strive to use the most environmentally friendly components when formulating our products. The focus of our product development is developing environmentally safe and sustainable products to meet the needs of the aviation market.

To help guide our formulations, we developed our own “Green Chemistry Standards” to further enhance our products’ eco-friendliness. All of our products that meet our standards are marked with our “Green Chemistry Symbol”.

### Celeste’s Green Chemistry Standards

- Low or No VOCs – the product contains little to no Volatile Organic Compounds, which can be toxic and harmful to humans and the environment.
- No Known HAPs – the product contains no known Hazardous Air Pollutants or Toxic Air Pollutants, which can lead to serious health problems in humans and damage to ecological systems.
- No Known Carcinogens – the product contains no agents that are known or suspected of causing cancer.
- SARA Title 3 Compliant – the product does not contain any of the chemicals reported under the act, which involves the storage and handling of hazardous chemicals that are harmful to people and the environment.
- Use of Best Alternative Green Solvents – the product only contains solvents from the approved list provided by the US EPA, which demonstrate specific environmentally friendly characteristics: reduced hazards, lower or no toxicity, low VOC’s, do not cause ozone depletion, low Global Warming Potential (GWP), not environmentally persistent.
- Biodegradable – the product solutions are considered “readily biodegradable” since they have the natural ability to biodegrade to their natural state, when subjected to microbial activity, from 60-100% in 28 days.

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DYKEM® UV Marker	

## Celeste® Oven Cleaner — Professional Strength Cleaner/Degreaser

Part Number	Packaging	UOM
<b>SP83000QTA</b>	Quart	Case: 12 bottles
<b>Test Refs:</b> AMS 1550B		



Specifically designed for the soils found in aircraft ovens, Celeste's Oven Cleaner is a heavy duty cleaner specially formulated for tough grease and grime. Unlike other cleaners, Celeste's Oven Cleaner does not contain any caustics, amines or solvents, making it a much safer product to use as it will not leave these residuals behind.

- Environmentally and user friendly
- Glides on easily, rinses easily
- No unpleasant odor
- Non-irritating
- Non-aggressive
- Non-corrosive

## Celeste® Biozyme EX3 — Enzymatic Cleaner, Deodorizer, and Fabric Freshener

Part Number	Packaging	UOM
<b>LS7200-6</b>	6 oz Bottle	Case: 12 bottles
<b>LS7200QT</b>	Quart	Case: 12 bottles
<b>LS7200GAL</b>	Gallon	Case: 4 bottles
<b>Test Refs:</b> AMS 1550B, Boeing D6-7127		



A multi-purpose biochemical cleaner, deodorizer, and fabric freshener uniquely formulated to attack tough malodor issues using a 3-pronged approach: malodor neutralization, re-odorization with a light pleasant fragrance, and long term odor control. Speak to your Account Manager about incorporating Biozyme EX3 into a Complete Hygiene Program together with Sani-Cide EX3 and NG Interior Cleaner Complete.

- Safe for use on soft surfaces such as carpet, seatbelts, fabric and leather seating
- Ideal for hard to reach areas prone to malodors, particularly in and around toilets, behind toilet shrouds, in waste bins, etc
- NSF certified and hypoallergenic
- Useful for treating airsickness odor on seats and carpets
- Can be used in galley drains for odor control and drain maintenance
- Long term action also helps with mold and mildew on both soft and hard surfaces



## Celeste® Next Generation Interior Cleaner Complete— High Performance Multi-Surface Cleaner

INTERIOR SURFACES

EXTERIOR SURFACES

TOILETS & DRAINS

ODOR CONTROL

HAND CARE

MRO MAINTENANCE

Part Number	Packaging	UOM
<b>SPNG85000-6</b>	6 oz Bottle	Case: 12 bottles
<b>SPNG85000QT</b>	Quart	Case: 12 bottles
<b>SPNG85000-5</b>	5 Gallon Pail	Individual pail
<b>SPNG85000-55</b>	55 Gallon Drum	Individual drum
<b>SPNG85000WP</b>	20 Wipes in a Pouch	Case: 25 pouches
<b>Test Refs:</b> AMS 1550B, Boeing D6-7127		



An excellent multi-purpose, multi-surface cleaner effective on a wide range of aircraft interior soils and surfaces. NG Interior Cleaner Complete has exceptional cleaning power and anti-redeposition agents to provide a protective coating that makes subsequent cleanings easier and quicker. Also works as an effective glass cleaner, eliminating the need for a separate product for glass and plastic cleaning.

- Safe to use on: glass, mirrors, metal, plastics – including fire retardant thermoplastics, leather, fabric, and carpet
- Non-toxic, non-corrosive, non-damaging to sensitive entertainment system components
- Safe for cleaning crews and the environment
- Can be incorporated into Celeste's Color Coded Complete Hygiene Program along with Sani-Cide EX3 and Biozyme EX3
- Contains no solvents or VOCs

## Celeste® Biozyme Advanced Carpet Cleaner— Stain and Odor Remover

Part Number	Packaging	UOM
<b>LS2005GAL</b>	Gallon	Case: 4 bottles
<b>Test Refs:</b> AMS 1631C, Boeing D6-7127		



Celeste's Biozyme Advanced Carpet Cleaner provides the cleaning power necessary to remove embedded soils and organics, while the bioenzymatics penetrate deep into the carpet where they are activated by residual organics. These unique bioenzymatics have the ability to break down a wide range of organic soils, making the areas cleaner and less prone to mold and mildew odors.

- Superior cleaning with added benefit of long lasting odor control
- Biodegradable, user and environmentally friendly
- Leaves no sticky residue
- Certified by the Carpet & Rug Institute (CRI)
- Extraction cleaning with Biozyme Advanced Carpet Cleaner eliminates musty mildew odors and helps prevent their return.
- Use at 4 oz / gallon of water

## Celeste® Leather Conditioner & Protectant

Part Number	Packaging	UOM
<b>SP3500LTH</b>	Quart	Case: 12 bottles
<b>SP3500LTHWP</b>	150 Wipes in a Pail	Case: 6 pails
<b>Test Refs:</b> Boeing D6-7127		



Celeste's Leather Conditioner & Protectant focuses on conditioning and protecting the leather surface to prevent soil re-deposition and extend seat life without drying or cracking the leather.

- Contains:
  - advanced conditioning agents, emollients and humectants to keep leather conditioned
  - UV and surface protectant agents
  - a mild, natural detergent for light cleaning
- Tub wipes clean, condition, and protect in one step
- One wipe cleans up to one row of three seats
- Fragrance free, solvent free
- Contains no VOCs

## Celeste® Deep Cleaning Sponge

Part Number	Packaging	UOM
<b>SPS35</b>	3 x 5 inch sponge	Case: 450 sponges
<b>SPS3542</b>	3 x 5 inch sponge	Case: 42 sponges
<b>Test Refs:</b> N/A		



A specially designed, two-part sponge for use with Celeste's Interior and Exterior Cleaners. Offered in an "easy to hold" 3 x 5 inch size, this 1 inch thick sponge is composed of a deep scrubbing surface (white side) and an absorbent mop-up surface (blue side). This unique combination removes a myriad of tough stains and marks from tray tables, overhead luggage bins and other hard plastic surfaces. The combination is gentle on plastic and will not cause the type of surface damage that can be seen with abrasive pads.

- Sponge size: 3 x 5 inches (7.6 x 12.7 cm)
- Ideal for removing luggage scuff marks on overhead bins
- Removes marks caused by newsprint, crayon, juice, soda, coffee, rubber, ink, and graphite

## Celeste® Microfiber Towels

Part Number	Packaging	UOM
<b>SPS1616YW1</b>	16" x 16" towel, yellow	Case: 12 pcs/ bag, 4 bags/cs
<b>SPS1616BL1</b>	16" x 16" towel, blue	Case: 12 pcs/ bag, 4 bags/cs
<b>SPS1616GR1</b>	16" x 16" towel, green	Case: 12 pcs/ bag, 4 bags/cs
<b>Test Refs:</b> N/A		



Celeste's generously sized and heavier weight microfiber cloths are made from 70% polyester and 30% polyamide. These microfibers have excellent cleaning qualities, and are lint free, washable and re-usable. Ideal for use as part of Celeste's Color Coded Complete Hygiene Program along with NG Interior Cleaner Complete, Sani-Cide EX3, and Biozyme EX3.

- 16 x 16 inches, 300 gsm
- Washable / re-usable
- Lint free

## Celeste® Sani-Cide EX3 — Disinfectant & Multi-Surface Cleaner

Part Number	Packaging	UOM
<b>LSSCIDEX3-1</b>	6 oz Bottle	Case: 12 bottles
<b>LSSCIDEX3QT</b>	Quart	Case: 12 bottles
<b>LSSCIDEX3GAL</b>	Gallon	Case: 4 bottles
<b>LSSCIDEX3-55</b>	55 Gallon Drum	Individual drum
<b>Test Refs:</b> AMS 1452C, AMS 1550B, Boeing D6-7127		



An EPA registered broad-spectrum disinfectant and multi-purpose cleaner. It offers a safe and effective approach to the disinfection of a variety of surfaces throughout the aircraft while cleaning multi-soils leaving behind a clean, streak and haze free surface.

- Safe to use on: glass, mirrors, metal, plastics – including fire retardant thermoplastics, leather, fabric, and carpet
- Effective broad-spectrum disinfection
- Can be incorporated into Celeste's Color Coded Complete Hygiene Program along with NG Interior Cleaner Complete and Biozyme EX3

## Celeste® Sani-Cide FSC — Food Surface Contact Cleaner

Part Number	Packaging	UOM
<b>LSFSCQT</b>	Quart	Case: 12 bottles
<b>Test Refs:</b> AMS 1550B, Boeing D6-7127		



An EPA registered sanitizer designed primarily for surfaces that have contact with food where sanitization is of prime importance. Unlike most disinfectants and sanitizers used in these areas, Sani-Cide FSC DOES NOT require rinsing, even after use on a food contact surface, making it the optimum sanitizer when time is premium. Ideal for food prep areas and beverage dispensing equipment.

- No rinsing required
- Eliminates odors without leaving grit or soap scum
- Contains no phosphorus
- Ideal for sanitization of potable water connections, hoses, and faucets
- Kills 99.999% of bacteria including Staphylococcus aureus, E.coli, Listeria monocytogenes, Salmonella (typhi) enterica and Shigella dysenteriae

## Disinfectants

INTERIOR SURFACES

EXTERIOR SURFACES

TOILETS & DRAINS

ODOR CONTROL

HAND CARE

MRO MAINTENANCE

### SCRUBS® do-it ALL™ — Germicidal Cleaner Wipes

Part Number	Packaging	UOM
98075	75-count canister	Case: 6 canisters
Test Refs: N/A		



Disinfects and deodorizes in one easy step with an effective bactericidal, virucidal and tuberculocidal formula. Effective against a broad spectrum of micro-organisms, including MRSA, Norovirus, H1N1, Pseudomonas aeruginosa, Staphylococcus aureus, Salmonella enterica and E. coli.

- Towellette size: 6 x 10.5 inches
- Material: 100% smooth spunlace nonwoven polyester
- Light lemon fragrance
- Biodegradable, no VOCs

## Celeste® MicroGreen™ Elite — Adhesive & Gum Remover

Part Number	Packaging	UOM
LS45006-1	6 oz Bottle	Case: 12 bottles
LS4500QT1	Quart	Case: 12 bottles
<b>Test Refs:</b> Boeing D6-7127		



A water based adhesive & gum remover that eliminates many of the issues faced by most of today's gum remover products. Celeste's MicroGreen™ Elite is not only highly effective at removing gum and adhesives, it is also 100% biodegradable and environmentally safe.

- No hazmat or dangerous goods shipping requirements
- No odor, non-staining
- Less than 10% VOCs
- Safe for use on carpets, fabric and leather seating
- 3-year shelf life

## Celeste® Sani-Sorb — Super Absorbent Powder

Part Number	Packaging	UOM
TRSORB10	10 gm packets in boxes	Case: 50/box, 12 boxes/cs
<b>Test Refs:</b> N/A		



A super absorbent powder pack capable of absorbing—and retaining—several hundred times its mass in liquid, Sani-Sorb transforms unwanted liquid spills and wastes into a solid, easy-to-handle form.

- Non-toxic and environmentally friendly
- One 10 gm packet will absorb 1 liter of bulk liquid

## Celeste® Airsick Bags

Part Number	Packaging	UOM
TRASB1	White kraft paper airsickness bags	Case: 1,000 bags
<b>Test Refs:</b> N/A		



Airsickness bags made of high quality kraft paper with a winged side closure and an inner coating for excellent leakage prevention.

- 8.85 x 4.52 x 2.36 block bottom airsickness bags
- 68 gsm white kraft paper with 38 gsm pe coat

## Celeste® Emergency Cleaning Kits

Part Number	Packaging	UOM
<b>TRDCK25BH1</b>	Bio-hazard Kit	Case: 25 kits
<b>TRDCK25-2</b>	Standard Kit	Case: 25 kits
<b>Test Refs:</b> N/A		



Ideal for travel sickness and other spillage situations with everything needed for clean up and disposal in a conveniently sized package. Can be used for either regular or bio-hazard clean up.

- Standard Kit contains: rubber gloves, Sani-Sorb super absorbent packets, card scooper, germicidal cloth packets, wiping cloths, refresher towelettes, plastic disposal bag, and twist-tie
- Bio-hazard Kit includes standard kit contents plus an additional pair of gloves and a plastic bio-hazard bag

## Celeste® Sani-Com® — Multi-Purpose Cleaning Towel

Part Number	Packaging	UOM
<b>SC3205</b>	Single use packets	Case: 200 / box, 6 boxes / cs
<b>SC3205C</b>	Single use packets	Case: 1,200 / cs bulk packed
<b>Test Refs:</b> N/A		



Introduced over 35 years ago, Sani-Com® was originally designed as a single use towelette for telecommunications and respiratory equipment cleaning. At the request of our customers, the product has since been tested and approved for use as a hand cleaner. The perfect multi-purpose towelettes.

- Mild, quick drying solution
- Refreshing fragrance
- Packet size: 2 x 3 inches
- Towelette size: 8 x 5.5 inches

## Celeste® Aerospace Lens Wipes

Part Number	Packaging	UOM
<b>TRLCAB</b>	Single use packets	Case: 1,200 / cs bulk packed
<b>Test Refs:</b> N/A		



Designed specifically for use on glass and clear plastic surfaces, as well as video screens. This is a low odor, non-streaking formulation that dries quickly, leaving the surface clean and clear.

- Non-streaking
- Quick drying
- Safe for use on eye glasses; should not be used on contact lenses
- Anti-static
- Packet size: 2 x 3 inches
- Towelette size: 8 x 5.5 inches

## Celeste® Flight Deck Wipes

Part Number	Packaging	UOM
<b>TRFDW3</b>	Single use packets	Case: 1,800 / cs bulk packed
<b>Test Refs:</b> N/A		



A larger wipe that can be used to clean any hard surface where disinfection is not required. Can be used in any cockpit or cabin surfaces.

- Packet size: 3 x 4 inches
- Towelette size: 8 x 8.5 inches



## Celeste® Next Generation Dry Elite® — Dry Wash & Polish

Part Number	Packaging	UOM
<b>SP86000D3GL</b>	Gallon	Case: 4 bottles
<b>SP86000D3-5</b>	5 Gallon Pail	Individual pail
<b>SP86000D3-55</b>	55 Gallon Drum	Individual drum
<b>Test Refs:</b> AMS 1530C, AMS 1532D, AIMS 09-00-002, Boeing D6-17487		



A water-based based dry wash and polish with an enhanced global green profile that is exceptionally effective on grease and heavy carbon. As a non-petroleum based product, NG Dry Elite® has no bad odor and works in all weather conditions, including rain and humidity, without sacrificing efficacy.

- Phosphate free, low VOCs
- Non-flammable, non-toxic, non-hazardous
- Does not generate dust or harsh odors; non-irritant
- Contains no abrasives
- Excellent performance on buildup of hydraulic fluid, carbon, grease/oil deposits and accumulation, organic compounds
- Non-streaking

## Celeste® NG Dry Elite® Applicator System

Part Number	Packaging	UOM
<b>SP86000DMK</b>	1 x telescoping pole 1 x 9" mop head	Case: 1 kit
<b>SP86000DMK1</b>	1 x telescoping pole 1 x 18" mop head	Case: 1 kit
<b>SP86000DMH</b>	9" Mop head	Individual unit
<b>SP86000DMH1</b>	18" Mop head	Individual unit
<b>SP86000DAP</b>	Applicator sponge	Case: 25 sponges
<b>SP86000DMS</b>	Deep cleaning sponge	Case: 25 sponges
<b>SP86000DBF</b>	Removal/buffer pad	Case: 40 pads
<b>Test Refs:</b> N/A		



**Above:** Applicator sponge  
**Below:** Removal/buffer pad



To maximize ease of use, all sponges attach via a customized backing.

A unique applicator system designed to achieve optimum performance when used with Celeste's NG Dry Elite® Dry Wash & Polish. The system includes an extending pole, a customized multi-layer mop head for varied amounts of dirt and grease, and a microfiber laminated sponge for removal and buffing.



## Celeste® Value Wash — Liquid Concentrate

Part Number	Packaging	UOM
<b>SP86000VGAL</b>	Gallon	Case: 4 bottles
<b>SP86000V5</b>	5 Gallon Pail	Individual pail
<b>SP86000V55</b>	55 Gallon Drum	Individual drum
<b>SP86000V275</b>	275 Gallon Tote	Individual tote
<b>SP416</b>	Faucet for 5 Gallon Pail	Individual faucet
<b>Test Refs:</b> AMS 1526C, Boeing D6-17487		



Value Wash incorporates the latest technology and offers a blend of benefits and functionality with excellent overall system economics not easily found in the industry today. This environmentally friendly product is non-solvent based, non-irritating, safe for workers, and has no unpleasant odor.

- Non-aggressive, non-corrosive
- No flashpoint
- Effective on a wide range of soils
- Easy rinsability
- Adjustable dilution (neat up to 1:19) depending on cleaning required

**Celeste® Sani-Pak® — Toilet Deodorant Liquid & Powder**

Part Number	Packaging	UOM
<b>SP77006-24</b>	6gm powder packets in jars	Case: 20/jar, 24 jars/cs
<b>SP77006A</b>	6gm powder packets in boxes	Case: 100/box, 12 boxes/cs
<b>SP77008</b>	8gm powder packets in boxes	Case: 100/box, 12 boxes/cs
<b>SP77080A</b>	80gm powder tubes	Case: 80 pieces
<b>SP97000-6ZD</b>	6 oz Bottle, blue liquid	Case: 12 bottles
<b>SP97000QTD</b>	Quart, blue liquid	Case: 12 bottles
<b>SP97000-55D</b>	55 Gallon Drum, blue liquid	Individual drum
<b>SP97000-275D</b>	275 Gallon Tote, blue liquid	Individual tote
<b>SP97000-6ZC</b>	6 oz Bottle, clear liquid	Case: 12 bottles
<b>SP97000CQT</b>	Quart, clear liquid	Case: 12 bottles
<b>Test Refs:</b> AMS 1476B, Boeing D6-17487, Air Canada 3125-00-002, Douglas Customer Service #3		



Sani-Pak was first formulated over 40 years ago. Over the years, it has evolved as technology has developed and changed, leading it to be recognized worldwide as the benchmark in aircraft lavatory chemical deodorants, often referred to as “blue juice”. Unlike many products available, Sani-Pak does not rely on high fragrance loads to mask malodors or on outdated technology to control malodors. It uses an unique additives package that is designed to control odors and tar buildup. Sani-Pak effectively prevents ammonia generation, malodor generation, and inherent malodors from becoming a problem.

- Available as a blue (or clear) liquid or blue powder
- Non-staining deep blue color provides a visual masking of waste
- Controls inherent and generated malodors (including ammonia generation)
- Has a pleasant fragrance
- Prevents tar buildup on components and mechanical parts

## Celeste® Gly-Vak® — Toilet Line Scale Remover

Part Number	Packaging	UOM
<b>SPGVAKQT</b>	Quart	Case: 12 bottles
<b>SPGVAKGAL</b>	Gallon	Case: 4 bottles
<b>SPGVAK55</b>	55 Gallon Drum	Individual drum
<b>Test Refs:</b> AMS 1550B, AIMS 09-00-002		



State-of-the-art preventive maintenance chemical used to minimize or eliminate the formation of urine scale in vacuum toilet waste lines and tanks. By utilizing Gly-Vak® as a weekly or monthly cleaning task, operators can avoid the high costs that result from line blockages and aircraft diversions.

- Non-corrosive and user friendly
- No need for crushed ice
- Can be used on wing
- Clinging action creates staying power—even after 100 flushes
- Easy to incorporate into a routine maintenance or cleaning program

## Celeste® Sani-Tank® — Lavatory Soak for Organic Buildup

Part Number	Packaging	UOM
<b>SP8000QT</b>	Quart	Case: 12 bottles
<b>SP8000GAL</b>	Gallon	Case: 4 bottles
<b>SP8000-5</b>	5 Gallon Pail	Individual pail
<b>SP8000-55</b>	55 Gallon Drum	Individual drum
<b>Test Refs:</b> AMS 1550A		



Sani-Tank® is a highly effective, natural solvent that removes organic deposits from pump equipment, tank walls, and toilet bowls and prevents potential system clogging failure. It is particularly suited to recirculating toilets, especially those that experience severe malodors due to organic deposits on the tank walls or those that have been exposed to prolonged use of quaternary ammonium based lavatory chemicals—that have a tendency to exacerbate these deposits.

- Biodegradable and environmentally safe
- Dissolves tar adhesion and reduces toilet system malodor
- Contributes to extended component life
- Non-toxic

## Celeste® Sani-Tank® N — Lavatory Soak for Organic & Mineral Buildup

Part Number	Packaging	UOM
<b>SP8000NGAL</b>	Gallon	Case: 4 bottles
<b>SP8000N5</b>	5 Gallon Pail	Individual pail
<b>SP8000N55</b>	55 Gallon Drum	Individual drum
<b>SP8000N275</b>	275 Gallon Tote	Individual tote
<b>Test Refs:</b> AMS 1550B, AMS 1476B, Boeing D6-17487		



Formulated for both vacuum and recirculating toilets, as well as general hard surface cleaning, Sani-Tank® N has multiple uses. As a lavatory soak, Sani-Tank® N solubilizes and removes urine scale deposits in toilet lines, as well as removing light organic tar buildup in toilet lines and tanks. As a hard surface cleaner, Sani-Tank® N is effective at removing tannins, soap scum and other general soils.

- Non-alkaline
- Contains no phosphates
- Biodegradable
- Removes urine scale deposits in recirculating toilets (a hidden cause of odors)

## Celeste® Sani-Vak® G3 — Toilet Line Scale Remediation

Part Number	Packaging	UOM
<b>SPVAKG355</b>	55 Gallon Drum	Individual drum
<b>SP170-60Z</b>	6 oz Anti Foamer <i>Use with Sani-Vak® G3</i>	Case: 12 bottles
<b>Test Refs:</b> Airbus AIMS 09-00-002, ASTM F483		



Sani-Vak® G3 was designed for the most severe cases of scale buildup in vacuum lines, where scale buildup has reached a thickness of 6mm (1/4") or more. This product can be used as a remediation chemical that is applied via recirculation using Celeste's recirculating Tool, precluding the need for dismantling of the lavatory system to resolve buildup and blockage issues.

- Only product safe on aluminum, passing both immersion and sandwich corrosion testing
- Safe enough to use on-wing
- Non-hazardous, user friendly
- Biodegradable

## Celeste® Recirculation Tool — For use with Sani-Vak® G3

Part Number
<b>SPRCTOOLA</b> Recirculation Tool Each tool carries its own serial number
<b>SPHOSEKIT</b> Hose assembly system for recirculation tool
<b>Test Refs:</b> CE Certified

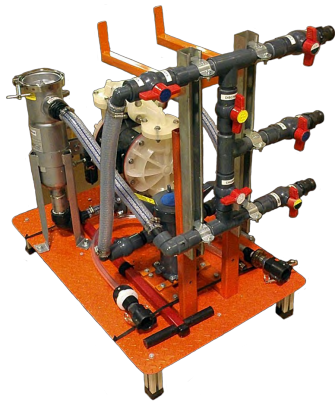


When used with Sani-Vak® G3, Celeste's Recirculation Tool can treat the most severe cases of scale buildup in vacuum lines, where build up has reached a thickness of 6mm (1/4") or more, precluding the need for a dismantling of the lavatory system.

The Celeste Recirculation Cleaning Tool is designed to circulate a cleaning fluid, at a controlled temperature and negative pressure, throughout a commercial aircrafts waste lines. The system is designed with materials of construction and process flow configurations that are for use only with Celeste approved cleaning chemicals and fluids.

## Celeste® Waste Tank Cleaning Tool — For use with Sani-Vak® G3

Part Number	Packaging
<b>SPWTCTOOL</b>	Waste Tank Cleaning Tool—individually packaged
<b>Test Refs:</b> N/A	



The Celeste Waste Tank Cleaning Tool is designed to circulate Sani-Vak® G3, at a controlled flow rate, throughout a vessel. Tool components are designed to dispense the cleaning fluid inside a waste tank; onto the side walls and top of the vessel continuously for maximum cleaning. Plumbing design allows for initial charging of the cleaning fluid (or water), circulation of the cleaning fluid, and discharge of the waste material to a vessel.

The tool is designed with materials of construction and process flow configurations that are for use only with Celeste approved cleaning chemicals and fluids.

## Celeste® Waste System Parts Washer — For use with Sani-Vak® G3

Part Number	Packaging
<b>SPWASHER</b>	Waste Tank Parts Washer—individually packaged
<b>Test Refs:</b> N/A	

The Celeste Parts Washer is designed to thoroughly circulate Sani-Vak® G3 around waste system/tank parts of various sizes to remove scale safely and efficiently. Parts rest on a perforated tray inside of a stainless steel tank while an air-powered propeller circulated a Celeste cleaning fluid around the parts. A pressure regulator controls the speed of the propeller. The tool is mounted to a mobile cart which can be adjusted to various heights.

The tool is designed with materials of construction and process flow configurations that are for use only with Celeste approved cleaning chemicals and fluids.



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**TOILETS & DRAINS**

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## Celeste® Liquid Scrub — Drain Cleaner

Part Number	Packaging	UOM
<b>LS5000A</b>	5 oz Bottle	Case: 12 bottles
<b>LS5000GAL</b>	Gallon	Case: 4 bottles
<b>Test Refs:</b> AIMS 09-00-002, Boeing D6-17487		

Celeste's Liquid Scrub uses state-of-the-art oxygenated technology that is uniquely designed around the soil matrix typically found in galley drain clogs. It is safe, mild and essentially non-corrosive, effectively flowing to the clog location to begin its cleaning action. Ideal for clearing blocked or nearly blocked lines for routine preventive maintenance.

- Stops soil particle agglomeration
- Minimizes re-deposition of soil
- Breaks existing drain plugs
- Minimizes the chance for plugging
- Eliminates odor causing compounds



## Celeste® Glyco-San® NG — Potable Water Tank Cleaner & Disinfectant

Part Number	Packaging	UOM
<b>SWGSNGGAL</b>	Gallon	Case: 4 bottles
<b>SWGSNG5</b>	5 Gallon Pail	Individual pail
<b>SWGSNG55</b>	55 Gallon Drum	Individual drum
<b>Test Refs:</b> N/A		

A biodegradable, non-corrosive cleaner and EPA registered disinfectant that removes scale and organic buildup typically found in potable water tanks, lines, and automatic coffee maker systems. The active ingredient in Glyco-San® NG is considered one of the safest antimicrobial agents from both a human health and environmental perspective. Coupled with Celeste's proprietary blend of surfactants, Glyco-San® NG penetrates the multiple layers that form the scale that harbors bio-film, lifting them away from the walls of the system and emulsifying them for a thorough cleaning and disinfection.

- When used as directed, effective against *Staphylococcus aureus*, *Salmonella enterica* and *E. coli*
- Can be used as disinfectant cleaner
- Ideal for shop cleaning of coffee maker and potable water components





Celeste® Proportioning Tool — For use with Glyco-San® NG

Part Number	Packaging
SWPROTOOL	Proportioning Tool— individually packaged
Test Refs: N/A	

The Celeste Proportioning Tool is designed to pump Glyco-San® NG at a consistent, proportioned rate, into a water supply. The pump is powered by water flow, so that it does not require electricity or compressed air to operate, and it adjusts the additive rate as the water flow rate changes. A water supply filter and pressure regulator protect the pump from sediment and maintain a steady pump inlet pressure, respectively.

The tool is designed with materials of construction and process flow configurations that are for use only with Celeste approved cleaning chemicals and fluids.



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## Celeste® JetScent® Pump Spray

Part Number	Packaging	UOM
<b>LS6800C2</b> <b>LS6900U2</b>	2 oz bottle—Clean & Pure 2 oz bottle—Lemon Joy	Case: 60 bottles Case: 60 bottles
<b>LS6800C</b> <b>LS6800L</b> <b>LS6800Z</b> <b>LS68001AC</b> <b>LS68001LV</b> <b>LS6900FB</b> <b>LS6900U</b>	6 oz bottle— Clean & Pure Lemon Grass Outdoor Fresh Eucalyptus Apple Cinnamon Lavender Fresh Breeze Lemon Joy	Case: 12 bottles Case: 12 bottles Case: 12 bottles Case: 12 bottles Case: 12 bottles Case: 12 bottles Case: 12 bottles
<b>Test Refs:</b> N/A		



A fast acting air freshener with odor counteractant available in two sizes and several fragrance options. Custom fragrances are available upon request for volume purchases.

- Fragrances can be coordinated with Flight Fresh disc fragrances
- Odor counteraction

## Celeste® Super Deodorant Packets

Part Number	Packaging	UOM
<b>SD7500</b>	Super D Packets, box	Case: 150/box, 12 boxes/cs
<b>Test Refs:</b> N/A		



An odor mask which offers an intense fragrance of short duration. Easy to use—just tear open packet and place near malodor.

- Last up to 12 hours
- Intense fragrance, short duration
- Perfect “quick fix” product for emergency situations

## Celeste® Flight Fresh® Deodorant Discs and Brackets

Part Number	Packaging	UOM
<b>SD5500AC</b>	Apple Cinnamon	Case: 25 discs
<b>SD5500BN</b>	Blue Night	Case: 25 discs
<b>SD5500G</b>	Green Apple	Case: 25 discs
<b>SD5500LV</b>	Lavender	Case: 25 discs
<b>SD5500U</b>	Fresh Breeze	Case: 25 discs
<b>SD5500V</b>	Lemon Joy	Case: 25 discs
<b>SD5500Z</b>	Outdoor Fresh Eucalyptus	Case: 25 discs
<b>SDBRACKET</b>	Standard bracket with adhesive backing	Individually packaged
<b>SDBRACKETNS</b>	Bracket with “No Smoking” symbol and adhesive backing	Individually packaged
<b>SDBRACKETO</b>	Standard bracket with mounting holes	Individually packaged
<b>SDBRACKETNS</b>	Bracket with “No Smoking” symbol and mounting holes	Individually packaged
<b>Test Refs:</b> N/A		



Specifically designed for use in lavatories, galleys, cabin interiors or any closed area where air freshening is needed. Flight Fresh® Deodorant discs are specially formulated with a long lasting active deodorant to provide continuous, effective odor control for up to thirty days. Celeste's brackets can hold Flight Fresh® Deodorant Discs and are available in stainless steel as an open front bracket or with a “No Smoking” symbol on the front.

- Lasts up to 30 days
- Strong fragrances
- Multiple fragrance options—can be coordinated with JetScent® spray fragrances

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## Celeste® Flight Luxe® Hand Soaps

Part Number	Packaging	UOM
TRBR10WE	Liquid hand soap, Almond fragrance, white pearl, threaded bottom, 9.6 oz	Case: 32 bottles
TRBR10WF1	Blue pearl, foaming hand soap, Spring Water Clean fragrance, snap-in bottom, 8 oz	Case: 32 bottles
TRBR10WFT1	Blue pearl, foaming hand soap, Spring Water Clean fragrance, threaded bottom, 8 oz	Case: 32 bottles
TRBR10JS2	Blue pearl, foaming hand soap, Spring Water Clean fragrance, snap-in bottom, grey Spring Garden fragrance JetScent® collar, 8 oz	Case: 32 bottles
TRBR10JS2TH	Blue pearl, foaming hand soap, Spring Water Clean fragrance, threaded bottom, grey Spring Garden fragrance JetScent® collar, 8 oz	Case: 32 bottles
TRBR10GALGL	Liquid soap, Almond fragrance, white pearl, gallon bottle	Case: 4 bottles
TRBR10GALB	Liquid soap, Almond fragrance, pink pearl, gallon bottle	Case: 4 bottles
Test Refs: N/A		



An elegant solution to lavatory and galley soap delivery problems, Celeste's above the counter system eliminates the mess associated with unhygienic soap bars and hard-to-maintain under-the-counter systems. Soaps offered include high quality liquid soap or an easy rinsing foaming soap offering a rich, dense lather. Celeste's JetScent® soap is a unique system that meets two needs in one product: clean hands and odor control. The deodorizer—a high performance fragrance collar—lasts as long as the soap and is automatically replaced with a fresh bottle of soap for a one-step change, offering renewed fragrance with each new bottle of soap. Standard offering is a blue pearl antibacterial foaming hand soap with Spring Water Clean fragrance.

- Multiple soap options including: clear, pearl, liquid, foaming
- Bottles made from recyclable material
- Reliable pump performance
- Multiple base options
- Multiple customization options including: label, JetScent® collar, fragrance, soap/air freshener fragrance match (Minimum order qty may apply. Contact your Account Manager for more information.)

## Celeste® Sani Luxe™ Hand Sanitizers

Part Number	Packaging	UOM
<b>TRBR40</b>	Alcohol gel sanitizer, 9.6 oz threaded bottle	Case: 32 bottles
<b>TRBR40CIC2</b>	Alcohol free gel sanitizer, 9.6 oz threaded bottle	Case: 32 bottles
<b>TRBR40CICA2</b>	Alcohol free foaming sanitizer, 8 oz snap-in bottle	Case: 32 bottles
<b>TRBR40CICT</b>	Alcohol free foaming sanitizer, 8 oz threaded bottle	Case: 32 bottles
<b>TRBR02CIC3</b>	Alcohol free foaming sanitizer, 2 oz bottle	Case: 66 bottles
<b>Test Refs:</b> N/A		



Available in the same system as our Flight Luxe® hand soaps, our multiple option Sani Luxe™ hand sanitizers all include emollients to leave hands feeling soft without drying them out.

- Bottles made of recyclable material
- Multiple base options
- Reliable pump performance

## Celeste® Base Assemblies — For Soaps &amp; Sanitizers

Part Number	Packaging	UOM
<b>TRBASE125</b>	Counter mounted base with 12° angle for bottles with threaded bottom. Black. Individually packaged	Individually packaged
<b>TRBASE125C</b>	Counter mounted base with 12° angle for bottles with snap-in bottom. Black. Individually packaged	
<b>TRBASE125C-G</b>	Counter mounted base with 12° angle for bottles with snap-in bottom. Grey, black insert. Individually packaged	
<b>TRBASE125G1</b>	Counter mounted base with 12° angle for bottles with threaded bottom. Grey. Individually packaged	
<b>TRBASE125W</b>	Counter mounted base with 12° angle for bottles with threaded bottom. White. Individually packaged	
<b>TRB00BCN</b>	Counter mounted base with 0° angle for bottles with threaded bottom. Black. Individually packaged	
<b>TRB12BCA</b>	Counter mounted base with 12° angle for bottles with threaded bottom. Black. Anti-theft. Individually packaged	
<b>TR30575</b>	Adapter that converts base from threaded to snap-in	

The base assembly options for the soap and sanitizer systems are multiple and varied, the choice depends on space availability, personal preference, and if they are being retrofitted or installed new. Options include angled or upright; counter, flush, or wall mount; standard or anti-theft. Speak with your Account Manager for more information on options and availability.

## Celeste® Refresher Towelettes

Part Number	Packaging	UOM
<b>RT7810CL4</b>	Refresher Towelettes—Citrus Fragrance, box	Case: 60/box, 20 boxes/cs
<b>Test Refs:</b> N/A		

This self-enclosed, high quality, towelette offers all the luxury of the hot towel service in the convenience of a pre-packaged towelette. Unlike the vast majority of towelettes on the market today, Celeste's Refresher Towelette is made of a soft polyester/rayon blend in an extra generous size and is infused with a lemon citrus fragrance.

- Extra large towelette in soft rayon/ polyester blend
- Towelette size: 7.25 x 8.5 inches
- Customizable packet for volume purchases
- Packet size: 3 x 4 inches



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## SCRUBS® In-A-Bucket — Hand Cleaner Towels

Part Number	Packaging	UOM
<b>42272</b>	72-count bucket	Case: 6 buckets
<b>42230</b>	30-count canister	Case: 6 canisters
<b>42201</b>	Single use packets	Case: 100 packets
<b>Test Refs:</b> N/A		



SCRUBS® Hand Cleaner Towels combine an advanced cleaning formula with a strong, absorbent, dual-textured towel to thoroughly and gently clean hands in one step ANYWHERE, ANYPLACE, ANYTIME®. The cleanser quickly loosens and dissolves soils while the Rough Touch® blue towel's mild abrasive action removes and traps them. Hands feel clean and smooth without rinsing.

- Effectively remove industrial soils, including dirt, oil, grease, tar, paint, epoxy, sealant, asphalt, caulk, dye, lubricant, adhesive, ink, carbon
- Can also be used to clean tools and equipment
- Portable and convenient
- 10" x 12" (25.4 x 30.48 cm) towels, recyclable melt-blown polypropylene
- Biodegradable formula with no reportable VOCs

## Celeste® Heavy Duty Cleaner/Degreaser

Part Number	Packaging	UOM
<b>SP86000CHD</b>	Quart	Case: 12 bottles
<b>SP86000CHD5</b>	5 Gallon Pail	Individual pail
<b>Test Refs:</b> AMS 1526B, Boeing D6-17487		

Celeste's Heavy Duty Cleaner/Degreaser is a concentrated cleaner that effectively removes heavy soils such as grease and carbon from hard to clean surfaces. The flexible dilution levels allow for easy, cost effective adjustments depending on the level of cleaning required, while the water based technology makes it safe for use on all materials.



- Water based, contains no solvents
- User and environmentally friendly
- No unpleasant odor, non-irritating
- Non aggressive, non-corrosive
- Can be diluted up to 1:50
- Low foaming (not designed for use in a foamer)
- Effective on a wide range of soils including carbon, grease, oil, and grime

## LPS® A-151 — Solvent Degreaser

Part Number	Packaging	UOM
<b>04320</b>	15 oz aerosol can	Case: 12 cans
<b>04305</b>	5 Gallon Pail	Individual pail
<b>04355</b>	55 Gallon Drum	Individual drum
<b>Test Refs:</b> Airbus ABR 9-0140 Issue 5A Type I, ASTM F-945, Boeing D6-17487*, Embraer EMB 120 Brasilia C.P.M.-120/1 181 Type B-1, Learjet LES 1239J, McDonnell Douglas CSD #1		



- Controlled evaporation
- Ideal for parts washers, dip tanks, and ultrasonic cleaners
- No chlorinated solvents, non-conductive, low odor
- Removes oil, grease and other contaminants
- VOC compliant in all 50 states
- Leaves no residue

## LPS® EVR — Clean Air Solvent Degreaser

Part Number	Packaging	UOM
<b>05220</b>	14 oz aerosol can	Case: 12 cans
<b>05205</b>	5 Gallon Pail	Individual pail
<b>05255</b>	55 Gallon Drum	Individual drum
<b>Test Refs:</b> Airbus ABR 9-0140 Issue 5A Type I, Boeing D6-17487*		



\*does not pass paint softening test

- VOC compliant in all 50 states
- High solvent strength
- Excellent alternative to Methyl Ethyl Ketone (MEK)
- Ideal for cleaning metals
- No ozone depleting compounds

## LPS® F-104° — Solvent Degreaser

Part Number	Packaging	UOM
<b>04920</b>	15 oz aerosol can	Case: 12 cans
<b>04955</b>	55 Gallon Drum	Individual drum
<b>Test Refs:</b> Airbus ABP 8-1294 Type I, Airbus ABR 9-0140 Type I, Boeing D6-17487*, Learjet LES 1239J		



\*does not pass acrylic crazing

- No chlorinated solvents
- Minimal residue
- No rinsing
- Safe to use on most surfaces
- Controlled evaporation
- Heavy-duty degreaser with a 104°F (40°C) flash point
- Effective cleaner for grease, oil, and sticky residues

## LPS® Instant Super Degreaser

Part Number	Packaging	UOM
<b>00720</b>	20 oz aerosol can	Case: 12 cans
<b>Test Refs:</b> Airbus ABR 9-0140 Issue 5A Type I, Boeing D6-17487*, McDonnell Douglas CSD #1		



\*does not pass acrylic crazing

- Removes grease, dirt, and tar
- Non-flammable and non-conductive
- Does not contain chlorinated solvents
- Safe on all metals
- Fast evaporating, no rinse, no residue



## LPS® Instant Super Degreaser 2.0

Part Number	Packaging	UOM
<b>07220</b>	20 oz aerosol can	Case: 12 cans
<b>07255</b>	55 Gallon Drum	Individual drum
<b>Test Refs:</b> Airbus UK-ABR 9-0140 Issue 6 Type 1, Boeing D6-17457		



- Non-flammable – can be used on or near energized equipment. This improves safety and reduces downtime associated with de-energizing equipment
- Non-brominated – improved health and safety profile for increased worker safety and simplified employer compliance
- Fast(er) Evaporation – quickens clean-up time. Improves productivity and reduces downtime
- No Rinsing/No Residue – no wiping or rinsing prior to next production step, reduces time and labor
- Heavy-duty Performance – removes oil, grease, dirt, and tar with less cleaner, saving money.
- Non-conductive – can be used on or near energized equipment, eliminating equipment downtime
- Power Blast Spray – blasts away dirt, oil, and other residues for quicker cleaning (increased productivity)

## LPS® PF®-141 IG — Industrial Grade Solvent

Part Number	Packaging	UOM
<b>62855</b>	55 Gallon Drum	Individual drum
<b>Test Refs:</b> AMS 1526B, ARP 1755B, Boeing D6-17487, McDonnell Douglas CSD #1, MIL-PRF-680B Type II		



- Non-corrosive to metals such as copper, aluminum, magnesium, and stainless steel
- Will not attack most commercial resins, plastics, urethanes, and synthetic rubbers
- Excellent for use in parts washers
- No ozone depletion potential
- Flash point above 140°F (60°C)
- Removes petroleum based oils such as stamping oils, cutting fluids, rust inhibitors, and cable pulling lubricants

## LPS® PF®Solvent

Part Number	Packaging	UOM
61400	1 wipe	Case: 144 wipes
61410	1 pack	Case: 144 wet/dry wipes
61420	14 oz aerosol can	Case: 12 cans
61432	32 oz bottle	Case: 12 bottles
61401	Gallon	Case: 4 cans
61405	5 Gallon Pail	Individual pail
61456	55 Gallon Drum	Individual drum
<b>Test Refs:</b> AMS 1526B, ARP 1755B, ASTM F-945, Boeing D6-17487, Bombardier, McDonnell Douglas CSD #1, MIL-PRF-680B Type IV		



- A full strength, penetrating degreaser that removes grease and oil
- Does not contain chlorinated solvents such as trichloroethylene or perchloroethylene
- Can be used in parts washers, dip tanks, and ultrasonic cleaners

## LPS® Precision Clean — Aviation Grade Cleaner/Degreaser

Part Number	Packaging	UOM
92728	28 oz bottle	Case: 12 bottles
92701	Gallon	Case: 4 bottles
92705	5 Gallon Pail	Individual pail
92755	55 Gallon Drum	Individual drum
<b>Test Refs:</b> AMS 1526C, Boeing D6-17487		



- Dilutable Formulation: Allows for customized product strength based on the soil level
- Improved Appearance: Cleaner/Degreaser revitalizes the gloss and inherent shine like a just waxed surface. Rinses clean and does not leave a dull or hazy film behind, even in hard water dilutions.
- Environmentally Preferred Formula: Utilizes a biodegradable, low VOC formula which is compliant in all 50 states
- Reduce Drag & Increase Fuel Efficiency: Specialized surfactant formula is very effective at removing a wide range of aircraft exterior soils which can increase drag and resulting fuel consumption.
- Dye Free & Non-Corrosive: Strong enough to remove dirt build-up, salt, hydraulic fluid, bug debris, carbon exhaust, grease and safe to use on painted and unpainted aircraft exterior surfaces.

## LPS® PreSolve® — Orange Degreaser

Part Number	Packaging	UOM
01420	15 oz aerosol can	Case: 12 cans
01422	20 oz trigger bottle	Case: 12 bottles
01428	Gallon	Case: 4 cans
01405	5 Gallon Pail	Individual pail
01455	55 Gallon Drum	Individual drum
<b>Test Refs:</b> Airbus SIL 20-006, AMS 1525B, Lockheed Martin DSDN H01.3086, McDonnell Douglas CSD #1, Pratt & Whitney Canada MMC 21529		



- High performance industrial cleaner which cleans on contact
- Pleasant smelling citrus-based degreaser
- Fast acting, deep penetration
- Flash point above 100°F (38°C)
- Low residue
- Safe on all metals and most plastics
- Ideal for the removal of tar, partially cured resins, corrosion inhibitors, grease and oils

## LPS® ZeroTri® — Heavy-Duty Degreaser

Part Number	Packaging	UOM
03520	15 oz aerosol can	Case: 12 cans
03528	Gallon	Case: 4 cans
03505	5 Gallon Pail	Individual pail
03555	55 Gallon Drum	Individual drum
<b>Test Refs:</b> Boeing BAC 5750, Pratt & Whitney Canada MMC 21530		



- Instant degreasing action
- Rapidly evaporates, leaving no residue
- No chlorinated solvents
- Ideal for degreasing metals
- Safe to use on most surfaces

## LPS® HDX — Heavy-Duty Degreaser

Part Number	Packaging	UOM
<b>01020</b>	19 oz aerosol can	Case: 12 cans
<b>01005</b>	5 Gallon Pail	Individual pail
<b>Test Refs:</b> N/A		



- Heavy-duty action removes oil, grease, wax, dirt, moisture, tar, and other contaminants
- Fast evaporating, leaves no residue
- Non-conductive, non-flammable

## LPS® EFX® — Solvent Degreaser

Part Number	Packaging	UOM
<b>01820</b>	15 oz aerosol can	Case: 12 cans
<b>Test Refs:</b> N/A		



- Fast-acting, heavy-duty solvent that degreases and cleans in a single operation
- Fast evaporating
- Leaves no residue
- No chlorinated solvents
- Ideal for cleaning metals and most plastics
- Power blast spray instantly removes oil, grease, wax, dirt, tar, and other contaminants

## LPS® TriFree — Brake Cleaner

Part Number	Packaging	UOM
<b>03620</b>	15 oz aerosol can	Case: 12 cans
<b>Test Refs:</b> N/A		



- Instantly removes brake fluid, grease and oil
- No ozone depleting chemicals
- Improves brake performance
- Fast evaporating
- Helps stop disc brake squeal
- Does not contain chlorinated solvents
- Powerful jet spray and high solvency
- No rinsing, no residue
- Can be applied without disassembling the brake unit

## LPS® CFC Free — Electro Contact Cleaner

Part Number	Packaging	UOM
<b>03116</b>	11 oz aerosol can	Case: 12 cans
<b>03101</b>	Gallon	Case: 4 cans
<b>03105</b>	5 Gallon Pail	Individual pail
<b>03155</b>	55 Gallon Drum	Individual drum
<b>Test Refs:</b> AMS 1525B, ASTM F-519 Type 1C, Lockheed Martin DSDN H01.2101, MIL-PRF-29608, Boeing D6-17487		



- Fast evaporating, low odor
- Penetrating action removes oil, grease, dirt, flux, and other contaminants
- Cleans and degreases delicate precision mechanisms
- Does not contain chlorinated solvents
- Leaves no residue
- Safe on plastics

## LPS® Electro 140° — Contact Cleaner

Part Number	Packaging	UOM
<b>00916</b>	11 oz aerosol can	Case: 12 cans
<b>Test Refs:</b> ASTM F-945, Bombardier (Canadair) BAPS 180-009 FE type cleaner, Learjet LES 1239J, Martin Marietta MMS M2-10028, McDonnell Douglas CSD #1		



- Ideal for part washers, dip tanks, and ultrasonic cleaning tanks
- Superior wetting and penetrating action
- Flash point above 140°F (60°C)
- Controlled evaporation
- Leaves no residue
- Safe on plastics

## LPS® Electro Contact Cleaner

Part Number	Packaging	UOM
<b>00416</b>	14 oz aerosol can	Case: 12 cans
<b>Test Refs:</b> Boeing BAC 5750, MIL-PRF-29608A Type C		



- Non-flammable, fast evaporating
- Removes light greases, oils, dirt, and organic soils
- Ideal for electrical/electronic fine parts
- Quick penetration
- Leaves no residue
- Safe on plastics
- VOC compliant in all 50 states

## LPS® NoFlash® — *Electro Contact Cleaner*

Part Number	Packaging	UOM
<b>04016</b>	12 oz aerosol can	Case: 12 cans
<b>Test Refs:</b> Boeing D6-17487*, Delta Airlines, Learjet LES 1239J, McDonnell Douglas CSD #1*, Bombardier		

\*does not pass acrylic crazing

- Unique alternative to HCFC cleaners
- Safe to use on most surfaces, but may be harmful to some plastics
- Quick penetration
- VOC compliant in all 50 states



## LPS® NoFlash® 2.0 — *Electro Contact Cleaner*

Part Number	Packaging	UOM
<b>07416</b>	12 oz aerosol can	Case: 12 cans
<b>Test Refs:</b> Airbus UK-ABR 9-0140 Issue 6 Type 1, Boeing D6-17457		

- Industrial-strength formula for maximum cleaning power
- Non-flammable - can be used on or near energized electronic equipment; this improves safety and reduces downtime associated with de-energizing equipment
- Non-brominated – improved health and safety profile for increased worker safety and simplified employer compliance
- Fast Evaporating – quickens clean-up time; this improves productivity and reduces downtime
- No Rinsing/No Residue – no wiping or rinsing prior to next production step, reduces time and labor
- Non-conductive – can be used on or near energized electronic equipment, eliminating equipment downtime
- Inverta Spray Valve – allows user to spray in an upright or inverted position for more convenient application



## LPS® Plastic Safe Electrical Cleaner

Part Number	Packaging	UOM
<b>04620</b>	18 oz aerosol can	Case: 12 cans
<b>Test Refs:</b> Cessna Approval #244689		

- Fast evaporating, leaves no residue
- Formulated for contact cleaning
- VOC compliant in all 50 states
- Non-flammable
- Safe on plastics
- Does not contain HCFCs



LPS® Electra-X — Contact Cleaner

Part Number	Packaging	UOM
<b>00816</b>	12 oz aerosol can	Case: 12 cans
<b>C00816</b> Canada Only	12 oz aerosol can	Case: 12 cans
<b>Test Refs:</b> N/A		



- VOC compliant in all 50 states
- Non-flammable
- No chlorinated solvents
- Removes light greases, oils, dirt, and organic soils
- Ideal for electronic and fine parts
- Does not contain HCFCs
- Quick penetration

LPS® Micro-X — Fast Evaporating Contact Cleaner

Part Number	Packaging	UOM
<b>04516</b>	11 oz aerosol can	Case: 12 cans
<b>Test Refs:</b> N/A		



- Safe on plastics
- No rinsing, fast evaporating, leaves no residue
- Does not contain HCFCs
- Low odor
- Quick penetration

## LPS 3® — Premier Rust Inhibitor

Part Number	Packaging	UOM
<b>00316</b>	11 oz aerosol can	Case: 12 cans
<b>00322</b>	20 oz trigger bottle	Case: 12 bottles
<b>03128</b>	Gallon	Case: 4 bottles
<b>00305</b>	5 Gallon Pail	Individual pail
<b>00355</b>	55 Gallon Drum	Individual drum
<b>C30316</b>	312 Gallon Drum	Individual drum
<b>Test Refs:</b> Airbus IPS 09-08-001-04, ASTM F-945, Bombardier DeHavilland DHMS C4.12 Type I Grade 3, Embraer EMB 120 Brasilia C.P.M.-120/1181 Type A-1, Lockheed Martin EPSN G39.2004, Lockheed Martin Heavy Duty CPC 2b, McDonnell Douglas DMS 2150, Pratt & Whitney PWA 36604, Pratt & Whitney Canada LCPMC 79133, SAAB 340 Maintenance Manual, United Technologies USBI 99606-0012, MIL-PRF-16173E Grade 2 Class 1		



- Protects for up to 2 years indoors
- Prevents rust and corrosion
- Provides non-sling lubrication
- Self-healing, soft, waxy film
- Safe to use on most surfaces
- Easily removed with LPS A-151 or LPS PreSolve

## LPS® Cold Galvanize — Corrosion Inhibitor

Part Number	Packaging	UOM
<b>00516</b>	14 oz aerosol can	Case: 12 cans
<b>05128</b>	Gallon	Case: 4 pails
<b>Test Refs:</b> ASTM A-780		



- Zinc-rich galvanized coating - Zinc Purity: 99+%
- Works like a hot-dip on ferrous metals indoors and out
- Withstands water temperature up to 212°F (100°C) and continuous dry heat up to 750°F (400°C)
- Commonly used as a flash rust preventive on welded areas
- Inhibits rust on steel under aggressive conditions
- Flexible coating will not yellow, chalk, crack, or peel
- Electrochemically protects bare metal
- Dries in 3-5 minutes
- Acceptable for use in Canadian Food Processing Establishments
- VOC compliant in all 50 states



ROCOL® Aerospec® Protect Spray

Part Number	Packaging	UOM
16810	300ml	Case: 12 cans
Test Refs: Airbus CML No.12ACG6		



INTERIOR SURFACES

EXTERIOR SURFACES

TOILETS & DRAINS

ODOR CONTROL

HAND CARE

MRO MAINTENANCE

- Aircraft corrosion inhibitor
- Resilient waxy film for long term corrosion protection
- Ideal for outdoor corrosion protection of exposed metal parts
- Non-melting
- Chemically resistant
- Reinforced with PTFE for dry film lubrication

INTERIOR SURFACES

EXTERIOR SURFACES

TOILETS & DRAINS

ODOR CONTROL

HAND CARE

MRO MAINTENANCE

LPS® Tapmatic® #1 Gold — Cutting Fluid

Part Number	Packaging	UOM
40312	11 oz aerosol can	Case: 12 cans
40320	16 oz trigger bottle	Case: 12 bottles
40330	Gallon	Case: 4 bottles
40340	5 Gallon Pail	Individual pail
Test Refs: Boeing BAC 5008		



- Does not contain water, solvents, or inactive fillers
- Reduces cutting torque and improves cutting efficiency
- Does not contain chlorinated paraffins
- Requires less product usage than traditional cutting fluids
- Increases tool life and improves surface finish
- Great for all metals including aluminum
- VOC compliant in all 50 states

## LPS 1® — Greaseless Lubricant

Part Number	Packaging	UOM
<b>00116</b>	11 oz aerosol can	Case: 12 cans
<b>00122</b>	20 oz trigger bottle	Case: 12 bottles
<b>01128</b>	Gallon	Case: 4 cans
<b>00105</b>	5 Gallon Pail	Individual pail
<b>00155</b>	55 Gallon Drum	Individual drum
<b>C30116 Canada Only</b>	11 oz aerosol can	Case: 12 cans
<b>Test Refs:</b> Allied Signal ES-2092, Boeing B737-500 Task 75-31-02-206-001 -C00, Bombardier (Canadair) BAMS 569-001, Delta Airlines, Lockheed Martin EPSN G34.031, Pratt & Whitney Canada CPMC 79255, Rolls Royce OMat 1042D, MIL-C-23411A		



- Provides a dry, thin, lubricating film
- Removes carbon build-up from surfaces
- Displaces moisture, non-conductive, resists oil, dust, and dirt build-up
- Ideal for delicate mechanisms
- Used worldwide in aviation
- VOC compliant in all 50 states

## LPS 2® — Heavy-Duty Lubricant

Part Number	Packaging	UOM
<b>00216</b>	11 oz aerosol can	Case: 12 cans
<b>00222</b>	20 oz trigger bottle	Case: 12 bottles
<b>02128</b>	Gallon	Case: 4 cans
<b>00205</b>	5 Gallon Pail	Individual pail
<b>00255</b>	55 Gallon Drum	Individual drum
<b>C30216 Canada Only</b>	11 oz aerosol can	Case: 12 cans
<b>Test Refs:</b> Lockheed Martin CPC 2c & 3b lubricating, Lockheed Martin EPSN G39.04, Pratt & Whitney Canada CPMC 79256, UPS M-5100-2780-B, MIL-C-23411A, MIL-C-81309D Type III, MIL-PRF-16173E Grade 3 Class 1		



- Strong, multi-purpose lubricant, and penetrant
- Provides a non-drying, light, oily film for use on indoor/outdoor equipment
- Reduces wear caused by friction and corrosion
- Loosens rusted or frozen parts
- VOC compliant in all 50 states

## LPS® TKX® — All Purpose Lubricant

Part Number	Packaging	UOM
02016	11 oz aerosol can	Case: 12 cans
02028	Gallon	Case: 4 bottles
Test Refs: N/A		



- Excellent all purpose lubricant
- Loosens rusted or frozen parts
- Protects against corrosion
- VOC compliant in all 50 states

## LPS® Force 842® — Dry Moly Lubricant

Part Number	Packaging	UOM
02516	11 oz aerosol can	Case: 12 cans
Test Refs: MIL-L-46147A Type II		



- Works under high temperatures – 842° F (450°C) and pressures – 100,000 psi (6890 bars)
- Dust, dirt, water, and chemical resistant
- High adhesion, prevents seizure of parts
- Fortified with molybdenum disulfide
- Provides a quick drying, thin film
- For assembly and break-in lubrication
- VOC compliant in all 50 states

## LPS® Magnum — Premium Lubricant with PTFE

Part Number	Packaging	UOM
00616	11 oz aerosol can	Case: 12 cans
Test Refs: N/A		



- High performance lubricant with PTFE additives
- Excellent for heavy load applications
- Penetrates and protects metal against rust and corrosion
- VOC compliant in all 50 states

## LPS® Heavy-Duty Silicone Lubricant

Part Number	Packaging	UOM
01516	13 oz aerosol can	Case: 12 cans
<b>Test Refs:</b> N/A		

- Water-based, silicone-rich formula for better longer lubrication
- Eliminates sticking, binding, and squeaking
- Colorless and non-staining
- Ideal for rubber and plastic surfaces
- VOC compliant in all 50 states



## LPS® Dry Film PTFE — Lubricant

Part Number	Packaging	UOM
02616	11 oz aerosol can	Case: 12 cans
<b>Test Refs:</b> Learjet M35A/M36B, M55 Aeronica Maintenance Manuals (M3735-01-98-0042)		

- Dry film will not attract dust or dirt
- Provides excellent lubrication
- Excellent for releasing molded parts
- Excellent for high temperature applications up to 500°F (260°C)
- VOC compliant in all 50 states
- Colorless, thin film



## LPS® LST — Penetrant

Part Number	Packaging	UOM
01916	11 oz aerosol can	Case: 12 cans
01955	55 Gallon	Individual drum
<b>Test Refs:</b> ASTM F-945, Pratt & Whitney PMC 9545 SPOP 427, A-A-50493 Class B Type I & II, VV-P-216C Type I		

- Specially formulated with low surface tension for fast penetrating action
- Loosens rust and corrosion to free frozen parts
- Powerful foaming action provides complete surface coverage
- VOC compliant in all 50 states



LPS® KB 88 — The Ultimate Penetrant

Part Number	Packaging	UOM
02316	13 oz aerosol can	Case: 12 cans
02322	20 oz trigger spray	Case: 12 bottles
Test Refs: A-A-50493 Class B Type I & II		



- Formulated to attack and quickly release rusted and corroded nuts, bolts, hinges, and other frozen components
- High KB solvency value of 151 and low surface tension
- Penetrates faster and deeper than most other competitive products in the market place
- VOC compliant in all 50 states

ROCOL® Anti-Seize Stainless

Part Number	Packaging	UOM
14143	500g	Case: 6 cans
Test Refs: Rolls Royce MSRR 4008, Rolls Royce OMAT 4/62, Rolls Royce OMAT 10123 (spec for V2500), Rolls Royce COMAT 10-110, Naval Cat No.: o 0475-179-9539, NATO Stock No.: o 8030-99-179-9539, BAe Systems approved for high nickel alloys		



- Excellent temperature resistance -40°C to +1000°C
- Provides even torque loads and prevents galling and pick-up on assembly
- Protects against wet conditions and chemical attack even in the most aggressive environments
- Excellent anti-seize properties over extended periods at high temperatures
- Contains extremely low levels of chlorine and sulfur
- Lubricates, protects and eases dismantling
- Suitable for use with aluminum and its alloys

## ROCOL® Aerospec® 100

Part Number	Packaging	UOM
16511	500g	Case: 4 cans
16516	4.5kg	Individual pail
16517	45kg	Individual pail
<b>Test Refs:</b> Approved for use on: Airbus 319, 320, 321, 330, 340 & 380. SAE AMS 3057, ZF B831, Developed from MIL-L-46000C & Airbus CML No03GDB1		



- Low temperature aerospace grease
- Temperature range -56 to +120°C
- Exceptional corrosion resistance for all high strength steel and alloy gear components
- Excellent shear stability and low oil bleed
- Low viscosity, high lubricity formulation reduces fretting wear and stress pitting
- Has an extremely low start up and running torques even at temperatures down to -56°C

## ROCOL® Aerospec® 3052

Part Number	Packaging	UOM
16651	380g	Case: 12 cartridges
16654	18kg	Individual pail
16658	3kg	Individual pail
<b>Test Refs:</b> JSD XG 287, NATO G-354, SAE AMS 3052, Boeing BMS 3-33B, DEF-STAN 91-53/3, Airbus AIM 09-06-002 general airframe lubricant, Airbus CML No 03GBC1 & AIMS 09-06-002		



- General purpose airframe grease
- Temperature range -73 to +120°C
- Exceptional corrosion resistance for all high strength steel and alloy gear components
- Excellent shear stability
- Outstanding low temperature performance
- Low viscosity, high lubricity formulation reduces fretting wear and stress pitting

## ROCOL® Aerospec® 400 STD

Part Number	Packaging	UOM
16630	380g	Case: 12 cartridges
16637	450g	Case: 12 cans
16636	4.5kg	Individual pail
<b>Test Refs:</b> Approved for use on: Boeing to MMS 657, Airbus to 09-06-003. Meets the requirements of SAE AMS 3058, Airbus CML No.03GCC1, JSD -XG-294, Def Stan - 91-106/2, MIL PRF 81322, NATO Code-G-1352, NATO Stock Number 9150-99-855-1324—450g		



- Exceptional aircraft wheel bearing grease
- Temperature range -54 to +175°C
- Excellent high temperature performance
- High load carrying properties (355kg weld load)
- Excellent corrosion resistance
- Highly resistant to oxidation, providing extended lubrication intervals whilst reducing equipment failure, downtime and lubricant usage

## ROCOL® Aerospec® 533 STD









Part Number	Packaging	UOM
16641	75g	Case: 12 cans
16644	1kg	Individual pail
<b>Test Refs:</b> Meets requirements of DEF STAN 91-56/3, JSD:XG-315, NATO OG-394, NATO Stock Number 9150-99-220-1438 (75g), NATO Stock Number 9150-99-944-0603 (1kg), Submarine Clearance Approved (BRI326A)		



- Silicone aerospace grease
- Temperature range -73 to +150°C
- Outstanding low temperature performance
- Compatible with most rubbers and plastics
- Highly resistant to water washout



## DYKEM® Cross Check™ — Torque Seal® Tamper-Proof Indicator Paste




Part Number		Packaging	UOM
83314		1 oz tube—orange	Case: 24 tubes
83315		1 oz tube—green	Case: 24 tubes
83316		1 oz tube—red	Case: 24 tubes
83317		1 oz tube—yellow	Case: 24 tubes
83318BLU		1 oz tube—blue	Case: 24 tubes
83319		1 oz tube—white	Case: 24 tubes
83320PINK		1 oz tube—pink	Case: 24 tubes
83321GRAY		1 oz tube—gray	Case: 24 tubes
<b>Test Refs:</b> Boeing BMS8-45, Boeing BMS8-45H Type II, Bombardier; Northrup Grumman GC115UG Rev. K			



DYKEM® Cross-Check™ produces a bead of bright color to provide positive visual indication when vibratory loosening or tampering in nuts, bolts, fasteners and assemblies occurs. Applications range from safeguarding factory instrument and control settings to monitoring critical torque and alignment requirements.

- Seal is highly visible under ambient light; colors fluorescent under UV light
- Excellent adhesion to metals and most substrates
- All colors (except green) withstand short exposure to Skydrol® hydraulic fluids without degradation (1 hr immersion test)
- 2 year shelf life

## DYKEM® Cross Check™ Plus — Aviation Grade Torque Seal® Tamper-Proof Indicator Paste

Part Number		Packaging	UOM
83417		1 oz tube—yellow	Case: 24 tubes
83418		1 oz tube—light blue	Case: 24 tubes
83420		1 oz tube—pink	Case: 24 tubes
<b>Test Refs:</b> Boeing BMS8-45, Boeing BMS8-45H Type II, Bombardier; Northrup Grumman GC115UG Rev. K, EMBRAER MEP09-096G, GULF-STREAM GAP110S, RTCA-DO-160			



DYKEM® Cross-Check™ Plus offers the same benefits as the original indicator paste, but in a Skydrol®-resistant product. Use on all critical fittings and locknuts during OEM and maintenance procedures, and in any aircraft environment with possible fluid exposure. Cross Check Plus is perfect for use on landing gear, rotor assemblies, gearboxes, Pal Nuts, and more.

- Seal is highly visible under ambient light; colors fluorescent under UV light
- Excellent adhesion to metals and most substrates
- Withstands Skydrol® PE-5 and industrial cleaning agents
- 2 year shelf life

## DYKEM® High Purity Markers

Part Number	Packaging	UOM
<b>44404</b>	Marker—black, medium, fiber tip	Box: 12 markers
<b>44534</b>	Marker—blue, medium, fiber tip	Box: 12 markers
<b>44301</b>	Marker—red, medium, fiber tip	Box: 12 markers
<b>44729</b>	Marker—white, medium, fiber tip	Box: 12 markers
<b>44916</b>	Marker—yellow, medium, fiber tip	Box: 12 markers
<b>99038</b>	Replacement Tip #38, medium, fiber	Pkg: 100 tips
<b>17463</b>	Marker—white, stainless steel ball	Box: 12 markers
<b>82038</b>	DYKEM® Remover & Prep 16 oz aerosol can	Case: 12 cans
<b>Test Refs:</b> General Electric, RDT-F7-3T		



Low chloride, low-halogen formula safely marks and will not degrade, contaminate or adversely affect stainless steel and other corrosion-resistant metal alloys. Meets requirements of U.S. Dept. of Energy Office of Nuclear Energy Programs for marking of components and parts. Removable with DYKEM® Cleaner & Prep. Replacement fiber tips are available.

## DYKEM® UV Marker

Part Number	Packaging	UOM
<b>91195</b>	Marker—UV	Box: 12 markers
<b>99029</b>	Replacement Tip #29	Pkg: 100 tips
<b>82038</b>	DYKEM® Remover & Prep 16 oz aerosol can	Case: 12 cans
<b>Test Refs:</b> N/A		



DYKEM® UV-Marker will mark virtually any non-porous surface, including metal, plastic, glass and more. The “invisible” clear ink illuminates blue under ultra-violet black light. Applications include quality control processes, tamper prevention, anti-counterfeiting, tagging and owner identification. Removable with DYKEM® Cleaner & Prep.



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