

**JET-LUBE®**

 **OilSafe®**

**FOOD &  
BEVERAGE  
INDUSTRY SOLUTIONS**

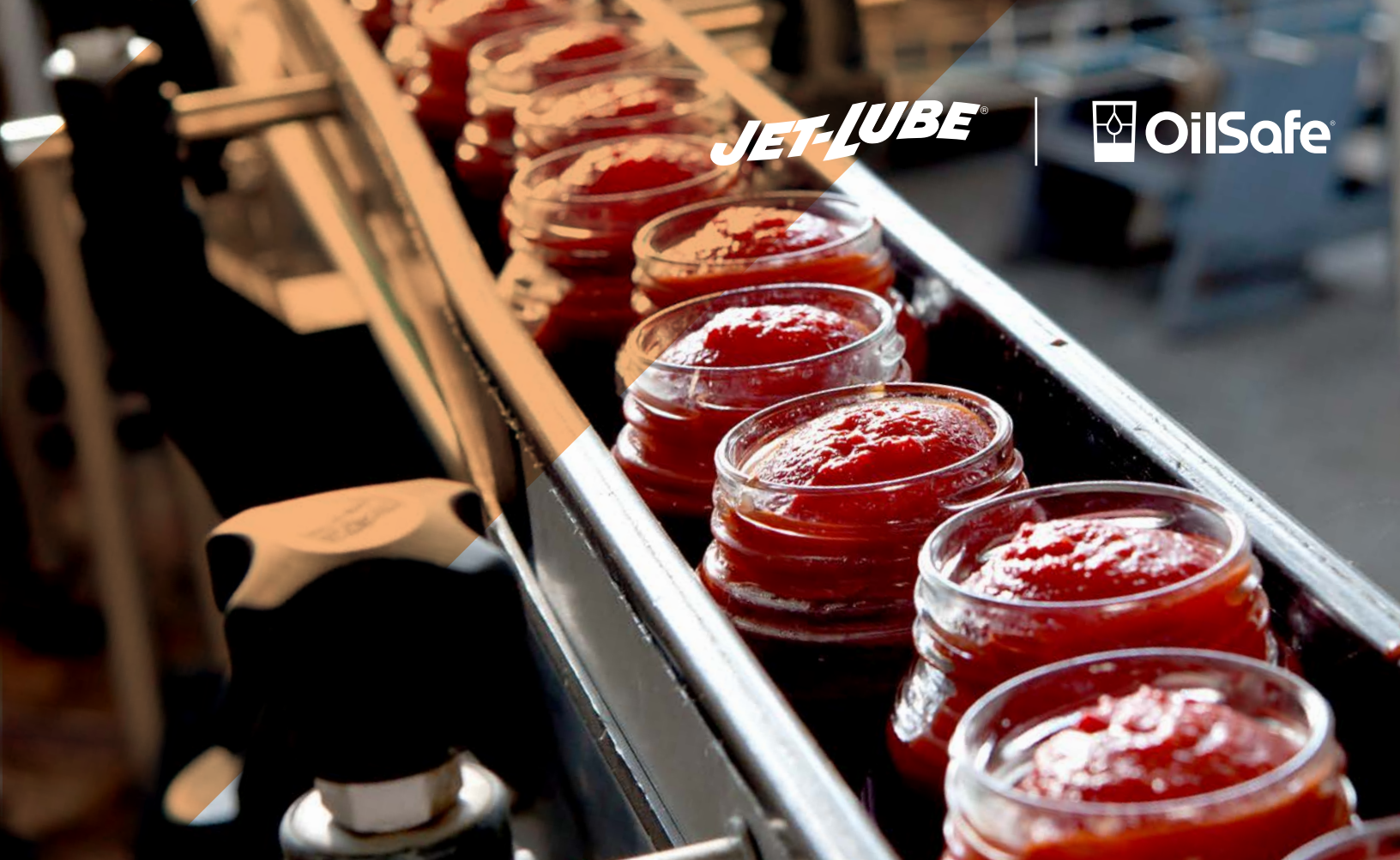


**jetlube.com & oilsafe.com**

*The place to go to get Safety, Tech and Product Data Sheets (SDS/TDS/PDS), product information, company news and more.*







Jet-Lube® and OilSafe® offer a complete line of Food & Beverage Lubrication and Reliability Products to ensure your machines operate at maximum efficiency.

## ▶ VALUE PROPOSITION

Jet-Lube and OilSafe provide high performance lubrication and reliability products to industries around the world. We offer products to meet the exacting specifications of food and beverage production.

Our team is dedicated to providing food grade (H1) lubricants that can stand up to frequent wash downs and high temperatures, while still making certain your large assets are well maintained and more productive with less down time, reduced total costs and extended life.

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# Jet-Lube Food & Beverage Lubrication Products

We offer a broad line of NSF Registered products consisting of Greases, Anti-Seizes, Lubricants, Oils and Cleaners to limit the risks of contamination. Our line also offers industry products that are Kosher & Halal Certified.

Jet-Lube knows enforced government and voluntary industrial regulations are important to both food processors and their customers. We understand different areas of production bring consumables closer and closer in contact with machinery, and how vitally important to know - without a doubt, that non-food chemicals used to keep that machinery running smoothly are food-safe and reliable.

To meet these needs, Jet-Lube provides industry high-quality - food grade safe products, from incidental to direct contact.

## FOOD GRADE CERTIFICATIONS

By learning more about Food Grade Lubricants and the lubrication industry's regulatory bodies and standards, facility managers will have a better idea about what lubricant to select, the safety practices that should be put into place and the best lubricant practices to follow, in order to save money and energy. Moreover, adopting an "all-H1" lubrication program throughout the plant will help limit the risk of contamination problems, while delivering the same or better performance than conventional industrial oils.



### National Sanitation Foundation

Suitable for use where incidental contact with food may occur.

**NSF H1** lubricants are suitable for incidental, technically unavoidable contact with a food product.

**NSF H2** lubricants are suitable for use in the food-processing, beverage and pharmaceutical industries.

**NSF K1:** Indicates cleaning and/or degreasing solvents.

**NSF K2:** Denotes solvents used for cleaning electronic instruments and devices.

This category is suitable for use in processing areas.

**NSF C1:** Compounds for use on all surfaces in inedible product areas, non-processing areas, and/or exterior areas.



### Kosher

Ritually fit for use; selling or serving food ritually fit according to Jewish law.



### Halal

Ritually fit for use according to Islamic law.

## OUR JET-LUBE CERTIFICATIONS

Category	Product	NSF	Halal	Kosher
Anti-Seize	WHITE KNIGHT™	H1	Yes	Yes
Grease	CC LUBE™	H1	Yes	Yes
Grease	CSC GREASE FG 2	H1	Yes	Yes
Grease	FMG™	H1	Yes	Yes
Grease/Aerosol	FOOD GRADE SILICONE	H1	No	No
Grease	MP SILICONE GREASE	H1	Yes	No
Grease	WHITE LITHIUM GREASE	H2	Yes	No
Grease	Deacon PFPE GREASE	No	No	No
Lubricant	SILICONE COMPOUND DM™ 2 & 3	H1	Yes	No
Lubricant	OVEN CHAIN LUBRICANT™	H1	Yes	No
Lubricant/Aerosol	769 LUBRICANT®	H2	No	No
Lubricant/Aerosol	PS TERMINAL™	K2	No	No
Lubricant/Aerosol	PITLESS ADAPTER LUBE™	H1	No	No
Oil/Aerosol	MAGIC WRENCH®	H1	Yes	Yes
Oil	GEAR OIL FG 80W-90, 85W-140, ISO 680 & 1000	H1	Yes	Yes
Oil	HYDRAULIC OIL FG ISO 32, 46 & 68	H1	Yes	Yes
Oil	HYDRAULIC OIL FG ISO 100	No	Yes	Yes
Cleaner	CLEAN-UP™	K1	No	No
Cleaner	CLEAN-UP PLUS™	C1	No	No
Thread Sealant	PETRO-TAPE™	No	No	No

## ▶▶ FOOD & BEVERAGE PRODUCTS

### Anti-Seizes

#### **WHITE KNIGHT™** **Food Grade Anti-Seize** **Compound** **NSF H1, KOSHER & HALAL**

A premium quality anti-seize compound developed specifically for use in applications where incidental food contact is possible and is composed entirely of ingredients that meet NSF H1 requirements. This aluminum complex based anti-seize protects metal parts from seizure, galling, rust, corrosion and heat freeze by tenaciously adhering to the metal surface. WHITE KNIGHT provides a degree of safety and protection unsurpassed by any other product.

**Applications:** Bottling Machinery, Pump Gears, Motors, Packaging Machinery, Conveyor & Oven Bearings, Valve Assemblies, Press Fit Assemblies, Nuts, Bolts & Screws, Chain Drives, Stainless Steel Fittings, Pipe Fittings, Gaskets and Worm Gears.

*NOTE: Note for use on Oxygen services.*

**Benefits:** • Water-resistant • Non-staining, Odorless and Tasteless • Reduces torque



### Greases

#### **CC-LUBE™** **Clear, Clean, Semi-Synthetic** **Multipurpose Lubricant** **NSF H1, KOSHER & HALAL**



A state-of-the-art, semi-synthetic, multipurpose lubricant that combines an aluminum complex thickener for extreme water resistance with the latest synthetic ingredients and PTFE to create a transparent, long-lasting, high lubricity lubricant of quality and performance.

CC-LUBE is clear, clean, colorless, non-staining, non-drying, biodegradable and unsurpassed in reducing friction, extending machine and equipment life and preventing the formation of rust and corrosion over a broad temperature range.

**Applications:** Food Processing Machinery, Bearings, Conveyors, Bushings, Bottling Equipment, Gears Belting for Baking Ovens, Valves. - Ideal for roller, pillow block, needle and plain bearings.

*NOTE: Note for use on Oxygen services.*

**Benefits:** • Clear, Clean Lubricant • Reduces Friction, Prevents Rust & Corrosion • Biodegradable

#### **CSC GREASE FG2** **Food Grade Extreme-Service** **Grease** **NSF, H1, KOSHER & HALAL**



CSC GREASE FG is an extreme pressure grease that is both “food grade” and a true high-performance product, suitable for a wide variety of applications including the most severe. The thickener in CSC GREASE FG is based on calcium sulfonate, a powerful anti-rust agent. The finished grease resists water and prevents corrosion, even protecting from acidic fumes and caustic chemicals. In situations where water gets past the bearing seals, CSC GREASE FG will not break down and become runny. When water gets into contact with the grease it thickens. This unusual feature causes a “collar” of stiffer grease to form behind the seal, preventing further entry of water. Although CSC GREASE FG is suitable for use in slow-moving, highly loaded bearings, it can also be used with confidence in higher speed equipment such as electric motor bearings.



## CSC GREASE FG2 (cont.)

**Applications:** Very versatile and may be used to lubricate bearings, bushings, slides, rollers and cam followers. It can also be used as an antirust film and as a release agent for gaskets and seals. CSC GREASE FG can withstand the effects of steam as well as harsh temperature extremes.

**Benefits:** • EXTREME PROTECTION: protects from wear under the most punishing high load. • WATER AND CHEMICAL-RESISTANT: superior ability to resist washing out of bearings, both in production and during wash downs. • STABLE: contains an NSF-approved preservative that limits the growth of bacteria.

## FMG™

### Food Machinery Grease (White)

NSF H1, KOSHER & HALAL

Grades Available: NLGI 0, 1 & 2

An aluminum complex grease lubricant of the USDA Authorized H-1 type. FMG meets and exceeds the requirements of CFR Title 21, Section 178.3570 of FDA Regulations. It is specifically designed for use in the food processing industry where it may have incidental food contact and formulated to perform in a wide variety of operating conditions.

FMG is extremely water-resistant and will remain in place even after frequent wash downs. Its polymer additives provide adhesive/cohesive strength to protect against pound-off when shock loads are encountered.

**Applications:** It is recommended for the lubrication of roller, needle, ball, journal, and sliding bearings in the food processing and handling industry.

**Benefits:** • Adhesive & cohesive strength • Retards bacteria & fungus growth. • Anti-wear and polymer additives



## FOOD GRADE SILICONE

### Food Grade Lubricant

NSF H1

An excellent lubricant for use on processing equipment in all types of food and food-related industries where incidental food contact may occur. FOOD GRADE SILICONE stops sticking, squeaking, and binding of moving parts. It's an excellent release agent and will not gum, melt, freeze, become rancid, or form unwanted residues. FOOD GRADE SILICONE leaves a clear film that is moisture resistant, long-wearing, odorless, colorless, nontoxic, and non-staining. Flammable by Flame Extension Test.

**Applications:** Use on all food processing equipment where food contact may occur such as chutes, guides, conveyors, bottling machinery, slicers, ovens, freezers, knives, saws, etc.

**Benefits:** • Safe on plastics • Colorless & Odorless • Contains no 1:1:1 Trichloroethane, Freon TF or SARA Listed Ingredients



## WHITE LITHIUM GREASE

### All-Purpose Grease W/Ptfe

NSF H2 & HALAL

A premium all-purpose grease that provides superior performance and protection. WHITE LITHIUM GREASE with PTFE penetrates and forms a long-lasting protective film that will withstand heavy loads and will not run or wash away.

**Applications:** GENERAL PURPOSE LUBRICANT INDUSTRIAL, Machinery, Tools, Overhead garage door channels, Fan motors, Slides, Gears. FOOD SERVICE - All areas where food contact cannot occur.

**Benefits:** • Clean, White Color • Very Adhesive • Resists Heat and Oxidation



# ▶▶ FOOD & BEVERAGE PRODUCTS

## Greases

### MP SILICONE GREASE™ Moisture-Proofing Non-Conduc- tive Lubricant NSF H1 & HALAL

A premium silicone grease for use in a wide variety of applications.

**Applications:** Ideal for lubricating and moisture proofing marine, automotive - cars & trucks, aircraft ignition systems, electrical assemblies, cable connections, battery terminals and spark plug connectors. It can also be used as a release agent and lubricant for both plastic and metal parts. The low volatility and inert properties allow it to be used on a wide range of elastomers and plastics.

**Benefits:** • Will not carbonize at high temperatures • Thin, translucent paste. • Highly resistant to oxidation and shear breakdown



### SILICONE COMPOUND DM™ Food Moisture-Proofing Sealant & Lubricant NSF H1 & HALAL

A premium silicone compound for use in a wide variety of applications.

**Applications:** SILICONE COMPOUND DM's low volatility, non-melting thickener and high dielectric strength make it the compound of choice for moisture proofing ignition systems, spark plug connections, electrical assemblies, cable and battery terminals and other similar applications.

*(NOTE: If looking for a Silicone Grease with an NLGI 2 grade in a squeeze tube size-we recommend MP Silicone Grease (32460) if suitable to the application. Exception - the Squeeze tubes for Silicone Compound DM and MP Silicone Grease are not yet offered in Canada or United Kingdom. The Silicone Compound DM3 and the MP Silicone squeeze tube pack size are ONLY manufactured as U.S. labeled product currently.)*

**Benefits:** • Excellent for high temperature bearings, conveyor systems and low-temp refrigeration systems. Suitable for valve lubrication • Highly resistant to oxidation and shear breakdown • Dielectric strength: > 500 volts/mil typical



## Lubricants

### OVEN CHAIN LUBRICANT™ All-Purpose Grease W/Ptfe NSF H2 & HALAL

OVEN CHAIN LUBRICANT is the answer to oven chain lubrication. It can also be utilized effectively in gear lubrication applications. It's derived from a carefully evolved blend of high viscosity, non-smoking [550°F (288°C)], low odor synthetic fluids and surface tension modifiers. These lower the surface tension of the high viscosity fluids allowing them to move effectively to penetrate into the links and pins of the chain and lubricate the chain roller.

**Applications:** The answer to oven chain lubrication. It can also be utilized effectively in gear lubrication applications.

**Benefits:** • Contains PTFE • Reduced Smoke • Noncorrosive





## Lubricants

### 769 LUBRICANT® Lubricant & Penetrant NSF H2

Multipurpose, penetrating, lubricating, moisture displacing and corrosion preventative product for use where salt water, salt spray or other harsh environments are present. 769 LUBRICANT gives total performance while being environmentally safe, easy to use and nonflammable.



#### Applications:

-LUBRICATES: Contains ashless extreme pressure additives and highly refined lubricating oils that provide superior lubricating protection and anti-wear properties.

-PENETRATES: Rusted and frozen metal parts studs, nuts, screws, pins, linkages are easily loosened by means of superior creepability.

-REMOVES MOISTURE: Moisture is lifted and displaced rather than trapped. Pores and crevices of surfaces are freed from moisture and are coated with a thin non-greasy film that prevents additional moisture from clinging or entering.

-PREVENTS RUST & CORROSION: Thin film adheres to metallic surfaces, providing positive, temporary protection against the formation of rust and corrosion, including electrolytic and galvanic corrosion common in salt environments.

**Benefits:** • Nonflammable • Non-evaporating  
• Contains no fluorocarbons or silicones

**Benefits:** • Penetrates/Lubricates • Antibacterial/  
Antifungal Additive • Safe on metal, plastics & most elastomers

### PITLESS ADAPTER LUBE™ Aerosol Assembly Lubricant /Preservative NSF H1

PITLESS ADAPTER LUBE is formulated with a unique blend of mixed synthetics and white oil thickened with a food grade aluminum complex soap. The aluminum complex soap provides the highest level of water resistance with thermal stability. The blend of USDA H-1 fluids are carefully balanced to provide a wide range of elastomer compatibility and lubricity. The antibacterial/anti-fungal additive further extends life of the lubricant and reduces the potential for contamination.

**Applications:** Specifically designed to aid in the installation of pitless adapters, JET-LUBE's PITLESS ADAPTER LUBE can also be used for other elastomer installation applications. It can also be used for anti-seize applications where incidental food contact is likely.

### PS TERMINAL™ CFC-Free Electrical Contact Cleaner NSF K2

An electrical contact cleaner formulated with a blend of HCFC and HFC solvents and propellants to safely and quickly clean electrical and electronic components and equipment without damaging the environment or ozone levels. PS TERMINAL penetrates and remove dirt, grease and organic contaminants and then evaporates, leaving a residue-free surface.

**Applications:** Electrical contacts, Electronic motors, Metal surfaces, Typewriters, Computers\*, TV turners, Electronic parts, Refrigeration units, Calculators and Portable radios.

**Benefits:** • 95% Free of Federal V.O.C. • Nonstaining & Odorless • Residue Free



## ▶▶ FOOD & BEVERAGE PRODUCTS

### Oils

#### **MAGIC WRENCH®** **Aerosol Assembly Lubricant/ Preservative** **NSF H1**

Versatile semi-synthetic formula that attacks rust and corrosion quickly and safely to free corroded parts, loosen nuts and aids in the disassembly of mechanical components.



**Applications:** Penetrates, lubricates, removes moisture and protects chains, air tools, cables, slides and other moving parts.

**Benefits:** • Penetrates Fast • Safe on Metal & Plastic  
• Non-evaporative

#### **GEAR OIL FG** **Food Grade Gear Oil** **NSF H1, KOSHER & HALAL** **GRADES AVAILABLE: ISO 680, 1000, 80W-90 (For ISO 220), 85W-140 (For ISO 320 and 460)**

JET-LUBE® GEAR OIL FG is blended using a new generation base oil called Excelsior™. Most base oils used in industrial lubricants are yellow or amber in color. This “discoloration” is caused by a variety of impurities including traces of sulfur, nitrogen, and inferior aromatic oils. Nitrogen promotes oxidation and deposit formation. Aromatics have poor oxidation stability. Excelsior™ base oils are colorless and free of these materials. Excelsior oil is ideal for use in applications involving food machinery. In laboratory tests, Excelsior base oil shows a major reduction in evaporation loss. Oxidation stability exceeds that of convention base oils by 60-100%. These performance improvements translate into reduced carbon and varnish deposits. The result is longer oil and component life. GEAR OIL FG also contains effective anti-wear additives to protect metal surfaces and reduce downtime due to component failure. It is NSF Registered for H-1 authorized and can be used in food plants where incidental contact with edible products may occur.

**Applications:** In addition to parallel-shaft gearboxes, GEAR OIL FG is appropriate for moderately loaded worm gear drives, oiled bearings, and couplings.



#### **GEAR OIL FG (Cont.)**

**Benefits:** • EXCELLENT DEMULSIBILITY: separates readily from water • REDUCES WEAR: protects against scoring, scuffing and galling to increase gear and bearing life • EXTENDED OIL LIFE: free of impurities including traces of sulfur, nitrogen and inferior aromatic oils • IMPROVED ADHESIVENESS: insures a coating on the gears at start-up

#### **HYDRAULIC OIL FG** **Food Grade Gear Oil** **NSF H1, KOSHER & HALAL** **GRADES: ISO 32, 46 & 68, 100**

JET-LUBE® HYDRAULIC OIL FG is blended using a food grade base oil called Excelsior™. Most base oils used in industrial lubricants are yellow or amber in color. This “discoloration” is caused by a variety of impurities including traces of sulfur, nitrogen and inferior aromatic oils. Nitrogen promotes oxidation and deposit formation. Aromatics have poor oxidation stability. Excelsior base oils are colorless and free of these materials. Excelsior oil is ideal for use in applications involving food machinery. In laboratory tests, Excelsior base oil shows a major reduction in evaporation loss. Oxidation stability exceeds that of conventional base oils by 60-100%. These performance improvements translate into reduced carbon and varnish deposits. The result is longer oil and component life.

**Applications:** H-1 registration allows JET-LUBE HYDRAULIC OIL FG to be used in areas where a nontoxic oil is required. It is recommended for high-pressure hydraulic systems, as well as bearing lubrication.

**Benefits:** • EXCELLENT DEMULSIBILITY separates easily from water • RUST AND CORROSION INHIBITED protects metal surfaces against the effects of moisture and acids. • EXTENDED OIL LIFE free of impurities including sulfur, nitrogen and inferior aromatic oils.



## Cleaners

### **CLEAN-UP™** Cleaner Safety Solvent NSF K1

An industrial strength, nonflammable, chlorinated solvent, not currently listed as an ozone depleting substance.



**Applications:** CLEAN-UP effectively dissolves grease, oil, paint, grime, dirt and dust from a broad spectrum of surfaces. Its high solvency can adversely affect certain paints and plastics, so should be tested on critical surfaces prior to large-scale usage. Excellent brake cleaner.

**Benefits:** • Nonflammable • Penetrates Quickly • Acid, Alkali Free

### **CLEAN-UP™ PLUS** Citrus Degreaser NSF C1

**GRADES: ISO 32, 46 & 68, 100**

Is a specially formulated, high-performance blend of safe, organic solvents designed to quickly dissolve and rinse away dirt, grease, grime, oil, tar and wax while being both environmentally safe and ozone friendly. CLEAN UP PLUS starts working immediately on contact, breaking down and dissolving even the most stubborn contaminants without the use of fluorinated, chlorinated or SARA listed ingredients.



**Applications:** Ideal product for a wide range of automotive, industrial, and marine cleaning applications such as: Engine Components, Bearings, Electrical Motors, Appliances, Machine Parts, Cables, Alternators, Tools, Gears, Metal Surfaces, Chains, Injectors, Cranes, Forklifts, Generators, Terminals, Winches, and Wire Rope.

**Benefits:** • Safe on all Metals and most plastics  
• Biodegradable • Exempt from California VOC reporting contains only LVPVOC compounds

## Thread Sealants

### **PETRO-TAPE™** Industrial Grade PTFE Thread Seal Tape CA ULC



PETRO-TAPE is a rugged, inert and highly resistant tape. It's impervious to steam, salt water, air, fuels, refrigerants, acids and alkalis (including sulfuric, hydrochloric, nitric, sodium hydroxide and chromic), solvents (including kerosene, aircraft oils, gasoline, diesel, carbon tet. and cleaning fluids), gases (including liquid and gaseous oxygen, ammonia, freon, chlorine, propane, natural gas, butane, acetylene and nitrogen). PETRO-TAPE is  $\geq 3$ -mil thick and contains a light green pigment for easy identification.

**Applications:** Heavy Duty - Ideal For Multipurpose Connections.

**Benefits:** • No Age Deterioration • Nontoxic • Self-Lubricating • Non-Fraying

### **PETRO-TAPE™ NICKEL**



Is a thick, premium-density tape that permits quick, clean sealing of threaded pipe connections. Its PTFE base provides natural lubrication of the joint, while its nickel filler prevents galling of the threads which is common in stainless steel assemblies. PETRO-TAPE NICKEL is  $\geq 4$ -mil thick and contains a gray pigment for easy identification, and distinguishes it from lower density, general purpose thread sealant tapes.

**Applications:** Heavy Duty - Ideal For Multipurpose Connections, Specially Stainless Steel.

**Benefits:** • No Age Deterioration • Nontoxic  
• Self-Lubricating • Non-Fraying



# Reliability Products

## LUBRICATION MANAGEMENT

Lubricant leaks can contaminate thousands of pounds of food, cause significant downtime and repairs while damaging a company's reputation.

Help eliminate costly spills and slowdowns while preventing mix-ups and cross-contamination.



## Oil Transfer Equipment TRANSFER CONTAINERS

OilSafe Color-Coded Transfer Containers are preferred by leading companies worldwide. People often go to great lengths to preserve the quality of their oil, only to contaminate it by using filthy containers, pouring it through a dirty funnel or inadvertently mixing it with different oil.

Tough and comfortable to handle, OilSafe Drums come in 5 different sizes and are fully sealing when fitted to any of the five style Color-Coded OilSafe Lids. Made with industrial grade, heat-resistant materials. The ultra durable construction will not warp, leak or break.

- OilSafe Drums withstand the toughest working conditions; these drums are designed to last. They have an extra wide neck opening (120mm / 4.7") for rapid pouring and easy cleaning
- Color-Coded Lids easily fit many application needs. These lids have advanced sealing thread design to ensure secure fitting on all OilSafe Drums
- Match the Lid with a Color-Coded OilSafe Label for easy, comprehensive fluid identification

*\* (Drums, lids, label kits and accessories ordered separately.)*

### THE COLOR-CODED RANGE OF OILSAFE CONTAINERS PROVIDE:

- A fully sealed robust drum to prevent contaminants from getting into the oil
- Color-Coded secure fitting lids for easy dispensing without the need for secondary tools such as funnels
- Color-Coded, custom labeling to prevent cross- contamination by clear identification of contents.





## Oil Transfer Equipment



### PREMIUM PUMP

This heavy-duty discharge pump handles up to ISO 680 fluids, is color-coded, has an ultra-comfortable D handle grip design and has fully serviceable internals for maximum life. Supplied standard with a 5-foot anti-drip outlet discharge hose and color-coded Body Collar, this pump can also be easily converted for quick connect use. Quick connects enable the container to be filled through the stainless steel pump body (without removing the lid) and also enables attachment to machinery fill points by quick connect via the pump discharge hose.

Quick Connect Kits and replacement parts are available.

- Premium Pump comes standard with Viton® O-Rings for oils where solvent content may be higher
- Match with a Utility Lid and a 3, 5 or 10 liter/US quart Drum
- For smaller fill hole applications add a Pump Reducer Nozzle accessory to the outlet nozzle
- Available in OilSafe's 10 standard colors



## Grease Equipment

### CLEAR BODY GREASE GUN W/LEVER GRIP

Clear Body Grease Guns - Lever Grip enable accurate identification of a lubricant by providing visibility of the installed cartridge or the grease level if bulk filled. Heavy duty OilSafe grease guns are designed for punishing day in and day out heavy industrial applications. Variable stroke lever action for greater control of delivery, especially in tight working spaces. Match the color-coded grease gun to a OilSafe color-coded Grease Fitting Protector and ensure the right grease is applied to the right equipment.

- 3 way packable - cartridge, suction fill or by filler pump
- Operate to 10,000 PSI (690 Bar)
- Capacity for 14oz (400gm) cartridges or will fit 500cc bulk filled
- 1/8" NPT threads
- Provided with both a 6" steel and 12" flexible extension

*Clear body grease guns are available in 10 colors or "Custom" with no color identification.*



## Bulk Storage & Systems



### LUBRICATION WORK CENTER

An instant lube room, this premium configuration incorporates best-in-class features such as:

- A dedicated Pump and Filter per Tank to prevent cross contamination of lubricants and ensure maximum cleanliness
- Electrical Protection, circuit breakers, surge protectors and motor overload protection all ensure safe and effective operation.
- Built-in Spill Containment for EPA SPC Compliance
- Ergonomic Dispensing Station has premium work surfaces with parts and tool storage
- Delivered pre-assembled with a detailed owner's manual including installation instructions - some assembly is still required at customer location
- Fully welded and powder coated structural steel frame for maximum durability in industrial environments
- Flame Resistant Fire Suppression Hose Assemblies -MSHA-CFR30 rated 12 Gauge Aluminum Tanks available in OilSafe's 10 standard colors and 4 sizes: 30, 65, 120 and 240 gallons

### ADVANCED BULK SYSTEMS

The Advanced Bulk System delivers best practice contamination control in a compact and space efficient form. Ideal for locations that need superior contamination control, working within budget and/or space constraints.

- Dedicated pump and filter per tank to prevent cross contamination of lubricants and ensure maximum cleanliness
- Built-in Spill Containment for EPA SPC Compliance
- Delivered pre-assembled with a detailed owner's manual including installation instructions - some assembly is still required at customer location
- Fully welded and powder coated structural steel frame for maximum durability in industrial environments
- Flame Resistant Fire Suppression Hose Assemblies -MSHA-CFR30 rated
- 12 Gauge Aluminum Tanks available in OilSafe's 10 standard colors and 4 sizes: 30, 65, 120 and 240 gallons





## FILTRATION UNITS

OilSafe's Filtration Units extend the life of your industrial oils, saving you time and money. They maintain purity from storage to application and eliminate cross-contamination with color-coded/error-proof, flat face, zero-leak quick connects. The cleanest and safest filtration systems on the market with three layers of spill containment to include a removable primary containment vessel, preventing spills and waste.

Basic:

- High capacity, removable spill basin or 3-layers of spill containment.
- Zero-Leak Colorized & Pinned Flat Face Quick Disconnects
- Non-bypassing filters with 99.95% efficient filter elements
- Medium pressure filters exceeding industry recommended safety factors
- Connections which eliminate cross contamination mistakes.
- 1200 RPM electric motor with 1Hp power (All are ISO680 rated)
- Pump, relief valve, filters, hoses; properly rated for system pressures.
- Flexible architecture for different budgets, without sacrificing integrity.
- Single or Double Filter Configurations available.

**Pro: Portable and stationary configurations. These Pro Units feature 24VDC controls, electrical overload protections and zero-leak quick connects. Both Pro and Basic models are available with electric and pneumatic pumps options.**



## LUSTOR™ LUBRICATION STORAGE SYSTEMS

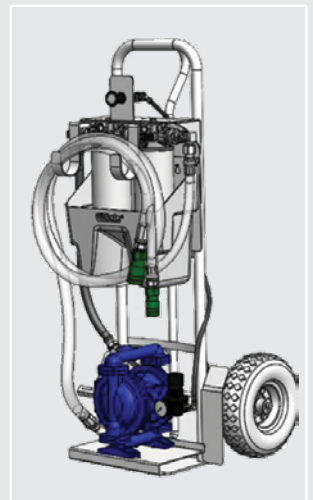
Best-in-class lubrication programs depend on the methods used for storing, transferring and supplying lubricants to your valuable equipment.

The first step to help ensure clean oil enters your equipment is to filter it to a recommended level of cleanliness. Luster systems deliver the storage and dispensing benefits you trust, in cost-effective, and compact units. Designed to protect every drop of oil from on-site environmental conditions, Luster systems combine proper storage, filtration and identification to create an efficient and organized workflow. This, in turn, ensures that your lubricants remain dry and contaminant-free before they enter your equipment, saving you expensive unscheduled downtime and the costs associated with it.

System is available with a 65 gal tank and tankless option, for use with drum or tote. Both models are available with pneumatic pumps only.



Basic - electric



Basic - pneumatic

## Bulk Storage & Systems



### ADVANCED FLUID HANDLING CART

Maximize your equipment functionality with this Advanced Fluid Handling Cart

**Maximum functionality**

Store fluids  
Bulk fluid transfer  
Off-line filtration

**4-Way dual filtration**

Filling  
Recirculate / Kidney Loop  
Dispense  
Off-line

- Quick Connects provide clean, secure connections
- 25-ft Hose Reel with high flow dispensing gun
- Built-in spill containment
- Integrated forklift pockets, in addition to heavy duty wheels for safe and quick mobility
- Air or Electric Pump options
- Available in OilSafe's 10 standard colors with customized labeling for best-in class fluid identification

### BULK FLUID TRANSFER SKID

Mobilize your fluids by transferring them safely utilizing this Bulk Fluid Transfer Skid.

- 4-way filtration (fill, dispense, kidney loop & offline filtration capable)
- Available in two tank sizes (120 & 240 gallon) Built-in spill containment
- Integrated forklift pockets provide easy and safe mobility via lift track or pallet jack
- Pneumatic or Electric Pump options
- Standard 25Q Beta 2000 spin-on-filter for filling and dispensing
- 25-ft Fluid Hose Reel
- MSHA-CFRR30 - Rated flame resistant Fire Suppression Hose Assembly
- Desiccant Air Breather ensures cleanliness by removing airborne contaminants and eliminating moisture build up
- Delivered pre-assembled and ready-to-use
- Available in OilSafe's 10 standard colors with customized labeling for best-in-class fluid identification



## USED OIL SKIDS

Provide a collection point for used oils. Each system is housed in a spill containment pallet and includes:

- 1/2" male quick connect for transferring the oils into the tank
- Funnel for pouring oils in and draining out filter elements
- 4 leveling feet with forklift and pallet jack accessibility
- Identifiable white tank with a level indicator
- 1 - 1/2" camlock access for bulk track servicing

**Available sizes - 120 & 240 gallon**



## TOTE DISPENSING RACK

This Tote Dispensing Rack delivers best practice contamination control for common 300 gallon totes in a modular, ergonomic and space efficient form.

- Positive displacement gear pump (3-5 gpm) with internal bypass
- Retractable Hose Dispensing Reel (25 feet) with Trigger Dispenser
- Comes standard with 7um,2000 HP filter with DP Indicator (4 and 25um also available)
- Electronic Stop/Start buttons
- Rack will accommodate totes with base dimensions less than 41" (w) x 46" (d)
- Delivered pre-assembled and ready-to-use
- Additional Spill Pans available to expand Spill Pan capacity if SPCC

Compliance is required

Note: Tote not included.



## ➤ CONTAMINATION CONTROL

### Desiccant Breathers

#### CONTAMINATION CONTROL

Reduce particulate and moisture contamination to keep your equipment and fluids lasting longer.

#### AIR SENTRY D-SERIES

D-Series Breathers feature numerous models in a variety of sizes, all designed to satisfy the requirements of most stationary fluid management applications. The breathers provide application flexibility by using 100% silica gel for moisture adsorption, 100% activated carbon for fume and odor control or both, when necessary. The D-Series is constructed of industrial grade raw materials, tested to ensure a wide range of chemical compatibilities, and features high impact resistant ABS top and bottom caps. The clear acrylic tube makes it easy to inspect the condition of the color-changing silica gel from a distance. The silica gel turns from gold to dark green to visually indicate the adsorption of moisture and confirm the breather is getting the job done.

All D-Series models feature 2-micron solid particle filtration (one on the inlet and a second on the outlet) and are available with airflow ratings of 20 cfm.

**100% Silica Gel**  
**OPERATING TEMPERATURE:-20°F (-29°C) to +200F (+93°C)**

#### AIR SENTRY X-SERIES

X-Series Breathers are the perfect solution for high humidity and high dust environments. To extend the desiccant's life, the X-Series incorporates two check valves and a reusable top cap. The check valves provide a closed system until airflow is required, extending the service life of the desiccant. Specifically, the intake check valve allows airflow into the breather only when differential pressure between the atmosphere and fluid reservoir exceeds a 0.1-psi threshold, while the exhaust check valve permits air to exit the reservoir when the differential pressure exceeds a 2.0-psi threshold. A 0.1-psi check valve is also available for exhaust. When the gold silica gel cartridge turns dark green, simply install a new replacement cartridge to keep things moving.

All X-Series models feature two 2 micron filters, one on the inlet and a second on the outlet.

**OPERATING TEMPERATURE:-20°F (-29°C) to +200F (+93°C)**

## AIR SENTRY Z-SERIES

Z-Series Breathers are designed for applications where space is limited or air flow requirements are lower than 5 cfm. The Z-Series is typically used on gearboxes and low fluid volume applications where mounting space is limited or where a larger breather will not fit without remote mounting.

All Z-Series models feature two 2 micron filters, one on the inlet and a second on the outlet.

**100% Silica Gel**  
**OPERATING TEMPERATURE: -20°F (-29°C) to +200F (+93°C)**



**D-SERIES**

## AIR SENTRY GUARDIAN -SERIES

GUARDIAN-Series Breathers are an industry leading breather series.

Some models feature an isolation check valve that keeps exhaust air from depleting the desiccant and protects from volatile fumes and splashing fluids. The GUARDIAN's casing is constructed from Tritan®, a patented material highly resistant to impact and chemicals with a broad range of operating temperatures. These unique features equate to a longer life for your breather and your equipment. GUARDIAN's modular construction and optional add-on features allow you to customize each Guardian model to your specific application requirements.

From the isolation check valve, to its stackable design, from its wash-down cap, or its compound indicating gauge, to the high-capacity HEPA filter, the GUARDIAN will last longer and reduce downtime giving you the flexibility you need to protect your industrial assets.

All Guardian-Series models feature two 2 micron filters, one on the inlet and a second on the outlet.

**100% Silica Gel**  
**OPERATING TEMPERATURE: -20°F (-29°C) to +200F (+93°C)**

Ideal for Most Applications - The only desiccant breather series that Air Sentry recommends for diesel fuel applications\*

*(Not recommended for other fuel applications.)*

\*Guardian breathers used on diesel fuel applications must be accompanied with an isolation check valve. See Guardian models ending in NC, NG, NGC. Not available in models ending in N.



**X-SERIES**



**Y-SERIES**



**GUARDIAN SERIES**



**JET-LUBE - UNITED STATES**

930 Whitmore Drive  
Rockwall, Texas 75087  
800-538-5823  
713-670-5700

**JET-LUBE - CANADA**

Units 8 & 9, 1260-34 Avenue  
Nisku, Alberta T9E 1K7  
780-463-7441

**JET-LUBE - UNITED KINGDOM**

Unit 9, Foster Avenue  
Woodside Park Industrial Estate  
Dunstable, Bedfordshire LU5 5TA  
+44 1707 379870



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JL 07/2023

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