The Leader in **Lubrication Management** 

A OILSOFE NU

oilsofe



oilsafe.com

**Sofe** 



The OilSafe lubrication management system establishes best practices throughout your facility. Every step is color-coded to eliminate risk and human error, simplifying maintenance and extending the life of your equipment. Keep your business running with OilSafe.

Contact us today to learn more.

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# **TRADITIONAL PRACTICES**



# **Traditional Lubricant Storage & Handling Practices are...**



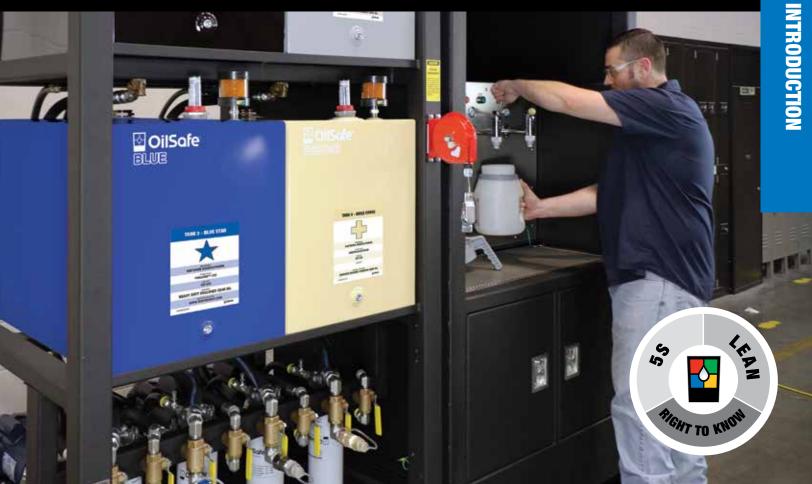
"By the time you can see or feel the dirt in the oil, much damage to your machine has already been done."

Jim Fitch, Noria Corporation **Global Leader in Lubrication Education** 

- Filthy
- Disorganized
- Unsafe
- Wasteful
- DESTRUCTIVE

# **OS INTRODUCTION**

# **OILSAFE<sup>®</sup> BEST PRACTICES**



# Modern Lubricant Storage & Handling Practices are...

- Clean
- **Organized**
- Safe
- Efficient
- RELIABLE



"With managerial support for training, improvements in storage and handling, and continuous improvements in lubrication procedures and practices... lubrication improvements can deliver strong financial rewards for relatively few dollars invested."

Ed Bohn, Plant Lubrication Specialist, General Motors Excerpt from "GM Invests in Lube Program Upgrades" Machinery Lubrication

# THE VISUAL LUBRICATION SYSTEM<sup>®</sup> LEADER

OilSafe<sup>®</sup>

#### What is the OilSafe Visual Lubrication System?

A fully integrated and color-coded fluid management system developed to enable the systematic and standardized delivery of well identified and clean lubricants from bulk storage to the point of application on equipment.

The System emphasizes color-coding, identification, standardization, workplace organization and cleanliness, safety, waste reduction, contamination control, and a propensity for best practice in the following areas:

- Bulk Storage & Handling
- Transfer Equipment
- Identification
- Spill Containment

Integrate OILSAFE products to manage your fluid transfer from bulk storage to point of use. Our **Visual Lubrication System** of products combines to identify, protect and reduce machinery downtime.

#### **System Benefits**

The System delivers immediate and substantial improvements in workplace lubrication practices, efficiency and productivity, reduces waste and significantly contributes to equipment uptime. The system maintains a focus on ensuring the 5Rs of lubrication are satisfied between bulk storage and the point of application;

- The right product
- The right place
- The right amount
- The right time
- The right attitude

#### **Find Out More**

There are various best practice solutions for you to choose within this catalog. When combined, these solutions enable the creation and implementation of a world-class lubricant bulk storage to point of application system that can be standardized across facilities with the flexibility to meet particular application requirements and budget.

OILSAFE has proven expertise in developing and customizing storage, transfer and identification solutions.

For more information and assistance, contact sales@oilsafe.com or your local representative.

**OILSAFE - LUBRICATION MADE EASY.** 









# **CONTINUOUS IMPROVEMENT IN THE WORKPLACE**

Industry today is under intense pressure to reduce costs, do more with less and comply with increasingly demanding regulations.

OILSAFE recognizes these pressures such as OSHA **Right-to-Know** laws and also the continuous improvement opportunities represented by proven concepts, such as **5S** and **LEAN**, that manufacturers around the world are endeavoring to implement in their facility, to address workplace challenges and extract additional profits from operations.

When identifying opportunities for clients to extract profits and reduce costs within their lubrication program, OILSAFE strives to develop innovative best practice solutions that enable concepts, such as **5S** and **LEAN**, to be practically and rapidly implemented on the shop within a facility. This ensures our products add value to the process and remain consistent with the overall continuous improvement methodology management is seeking to implement across their operations.



#### **5S**

5S is a continuous improvement methodology originated in Japan that is focused on effective workplace organization. The key targets of 5S are workplace morale, safety and efficiency, with effective implementation simplifying the work environment, reducing waste and non-value activity, while improving quality, productivity, and safety. **5S represents Sort, Set, Shine, Standardize and Sustain.** 

#### How Does OILSAFE Help?

The OILSAFE **Visual Lubrication System** provides a comprehensive offering to enable the rapid introduction of 5S practices into the workplace. Our color-coded products and storage systems provide for an orderly workplace, that is clearly identified, systematic, safer for workers, and improves a worker's pride in their craft by giving them the right tools for the job where and when they need them.

# LEAN

Derived from the Toyota Production System, LEAN manufacturing is a production practice that considers the expenditure of resources for any goal other than the creation of value for the end customer to be wasteful, and thus a target for elimination.

#### **How Does OILSAFE Help?**

With a focus on efficiency and waste elimination, LEAN objectives are more easily achieved with the OILSAFE **Visual Lubrication System.** Our solutions deliver greater productivity through improved equipment reliability, sensible storage solutions that provide ease of access to equipment in the facility, and purpose built equipment that eliminates contamination and makes the job easier, faster, safer and cleaner.

#### **Right To Know**

Right to Know is an OSHA regulated requirement focused around the principle that workers have the right to know the fluids that they may be exposed to in the workplace.

#### **How Does OILSAFE Help?**

To deliver on this requirement, workplace containers must be clearly labeled to identify the contents. The premise is that if a worker does not know what is in a container, they do not know if it is safe to handle. While most companies have adequate labeling on their bulk storage, most have no or inadequate labeling on their transfer containers. The OILSAFE **Visual Lubrication System** incorporates Identification Labels, which provide innovative industrial grade labeling solutions for bulk storage to point of application equipment that can be quickly and easily supplied and installed to address this issue.

# OilSafe<sup>®</sup>

# **OIL TRANSFER EQUIPMENT**

Transfer Containers & Lids
OILSAFE dispensing containers and color-coded lids have been tried and proven in the toughest work environments. They are durable, easy-to-use, efficient and safe.
Pumps & Pump Accessories       10         Pumps and accessories for the OILSAFE containers.
Transfer Container Accessories & Spare Parts       12         Extend the operational life of OILSAFE containers with these accessories and spare parts.

Barrel Equipment	13
For easy and efficient dispensing of oils and fluids from barrels.	

Sight Glasses & Fluid Analysis Systems	3
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Easily and accurately monitor fluid levels and quality.

# **OILSAFE TRANSFER SOLUTIONS**

OILSAFE is the oil transfer solution preferred by leading companies around the world.

People often go to great lengths to preserve the guality of their oil, only to contaminate it by using filthy containers, pouring it through a dirty funnel or inadvertently mixing it with different oil.

#### The color-coded range of OILSAFE containers provide:

- A fully sealing unit that prevents contaminants from getting into the oil
- · Easier dispensing without the need for secondary tools such as funnels

Open top, unsealed, homemade containers deliver contaminated lubricants into the heart of your machinery.



#### **OILSAFE Visual Lubrication System of Products:**

By color-coding your lubricants and integrating with our OILSAFE identification products you'll prevent cross contamination and misapplication of oils.

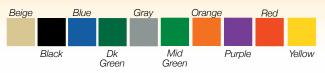
With 5 different lid types designed to fit each of the 5 different drum sizes, you can mix and match the components to build heavy duty durable containers that meet your oil transfer requirements.

Integrate **OILSAFE** identification products to manage your fluid transfer from bulk storage to point of use. This portfolio of products combine to form the revolutionary.

Visual Lubrication System that protects lubricants from contamination, reduces machinery downtime, and minimizes dangerous and costly spills.

#### These OILSAFE products are available in 10 colors:

Utility Lid, Stretch Spout Lid, Mini Spout Lid, Stumpy Spout Lid, Storage Lid and Premium Pump.







easy to color-code lubricant grades

# **Transfer Containers & Lids**

Mix and match lids and drums to get the right lubricant transfer container for the job.

Available in 10 colors: Dk Beige Black Blue Green Gray

Mid Orange Purple Red Yellow Green



#### **STUMPY SPOUT LID**

Ideal for engine and gear oils and when a higher lubricant flow is required.

The 1" spout opening on the OILSAFE Stumpy Spout Lids is the largest on OILSAFE spout lids. It's design is ideal for applications where a higher lubricant flow is required, such as for engine oils and gear oils.

Add a Stumpy Spout Hose Extension to help with awkward or hard to reach fill points.

PART #: 102021 – Stumpy Spout Hose Extension

#### PART #

100500 – Beige 100501 – Black 100502 – Blue 100503 – Dark Green 100504 – Gray 100505 – Mid Green 100506 – Orange 100507 – Purple 100508 – Red 100509 – Yellow



#### **STRETCH SPOUT LID**

#### When precise pouring of lubricants is required.

With a 0.5" spout opening and a longer spout the OILSAFE Stretch Spout Lid is ideal for lower viscosity oils (less than ISO 220) and is designed for hard to reach areas.

Add a stretch Spout Hose Extension to help with awkward or hard to reach fill points.

**PART #:** 102020 – Stretch Spout Hose Extension

#### PART #

100300 – Beige 100301 – Black 100302 – Blue 100303 – Dark Green 100304 – Gray 100305 – Mid Green 100306 – Orange 100307 – Purple 100308 – Red 100309 – Yellow



#### **MINI SPOUT LID**

#### Ideal for equipment with small fill holes.

The OILSAFE Mini Spout has an outlet diameter of approximately 1/4" (7mm), making it ideal for lubrication jobs where equipment fill holes are small such as constant level oilers and machine tools.

#### PART #

100400 – Beige 100401 – Black 100402 – Blue 100403 – Dark Green 100404 – Gray 100405 – Mid Green 100406 – Orange 100407 – Purple 100408 – Red 100409 – Yellow Color-code and identify your lubricants. See OILSAFE labeling section on page 25.





#### PART #

100200 – Beige 100201 – Black 100202 – Blue 100203 – Dark Green 100204 – Gray 100205 – Mid Green 100206 – Orange 100207 – Purple 100208 – Red 100209 – Yellow

#### UTILITY LID

Ideal for topping off crank cases and gearboxes.

Multi-Purpose Utility Lid with large outlet hole (approx. 2") enables controlled fast pouring of lubricants.

The Utility Lid is designed to mate with an OILSAFE Standard or Premium Pump on a 3, 5 or 10 liter/US quart drum to take care of hard to reach and time consuming pumping applications such as gearboxes and transmissions.



Available in 10 colors:



#### PART #

100100 - Beige 100101 - Black 100102 - Blue 100103 - Dark Green 100104 - Gray 100105 - Mid Green 100106 - Orange 100107 - Purple 100108 - Red 100109 - Yellow

#### STORAGE LID

#### For on-site fluid storage and transporting applications.

With this lid, OILSAFE Drums can be pre-filled for safe storage and transport and can be located for easy and timely access to fluids where and when needed. A convenient alternative to handling bulky 20 liter/US quart drums. Advanced thread design ensures secure fully sealing fit on a 1.5, 2, 3, 5 or 10 liter/US quart drum.



#### PART #

101001 – 1.5 Liter / US Quart

101002 – 2 Liter / US Quart

101003 – 3 Liter / US Quart

101005 – 5 Liter / US Quart

101010 – 10 Liter / US Quart

#### DRUMS

# Fully graduated in both metric and imperial to assist with measuring fluid volumes.

Tough, and comfortable to handle, these drums come in 5 different sizes and fully seal when fitted to any genuine OILSAFE Lid. The drums have an extra wide neck opening (4.7" / 120mm) for rapid pouring and easy cleaning. Made of industrial-grade material that withstands the toughest working conditions, the drums are designed to last and are available in 1.5, 2, 3, 5, or 10 liter/US quart.

- · Made of heat-resistant materials with UV additives
- Ultra-durable construction. Will not warp, leak, bend or break
- All Lids fit all genuine OILSAFE Drums from 1.5 through to 10 liter/US quart





# **Pumps & Accessories**

Match with an OILSAFE Utility Lid and a 3, 5 or 10 liter/US quart OILSAFE Drum.

#### DELIVERS 1 liter / 12 strokes

# Color-coding is by way of a

removable colored collar. See page 12

#### PREMIUM PUMP

#### Feature rich and will handle up to ISO 680 fluids.

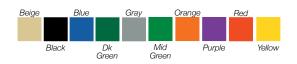
Sharing the unmatched efficiency and reliability of the OILSAFE Standard Pump, this heavy duty discharge pump is color-coded, has an ultra comfortable D handle grip design and has fully serviceable internals for maximum life.

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 an OILSAFE Utility Lid and a 3, 5 or 10 liter/US quart OILSAFE Drum.

For smaller fill hole applications add a Pump Reducer Nozzle accessory to the outlet nozzle. See page 12.





PART #

102300 - Beige 102301 - Black 102302 – Blue 102303 - Dark Green 102304 - Grav 102305 - Mid Green 102306 - Orange 102307 - Purple 102308 - Red 102309 - Yellow





#### STANDARD PUMP

#### General purpose pump will handle up to ISO 460 fluids.

This high quality down-stroke discharge pump is perfect for quickly and easily accessing hard to reach and time consuming top up points such as gearbox and transmission applications. Supplied with a removable discharge hose for easy cleaning and drainage, the pump delivers 1 liter for approximately 12 strokes.

Match with an OILSAFE Utility Lid and a 3, 5 or 10 liter/US quart OILSAFE Drum.

Supplied with 5 foot Removable Discharge Hose with a hook outlet nozzle. The anti-drip nozzle is made of aluminum and fits  $\frac{1}{2}$ " and larger fill holes.

For smaller fill hole applications add a Pump Reducer Nozzle accessory to the outlet nozzle. See page 12.

#### PART # 102000





#### PART #

920206 – 5' Hose Anti-drip hook outlet

920207 – 10' Hose Anti-drip hook outlet

920208 – 5' Hose 1/4" NPT male end

920209 – 10' Hose 1/4" NPT male end

#### **DISCHARGE HOSES**

#### For on-site fluid storage and transporting applications.

Available as a replacement 5 foot hose or in a 10 foot version for when longer reach is required, these Discharge Hoses screw easily to OILSAFE Standard and Premium Pumps.

#### Available in two types:

- Anti-drip hook outlet for discharging lubricants into open fill points ½" and larger. Available in 5 foot and 10 foot. Custom lengths available on request.
- ¼" NPT Male end for fitting quick connects. Available in 5 foot and 10 foot. Custom lengths available on request.



#### PART #

920220 – 5' Hose 920225 – 10' Hose





#### PREMIUM PUMP QUICK CONNECT KITS

#### No need to remove the lid!

Configure the OILSAFE Premium Pump for operation with quick connects. This enables the container to be filled by quick connect through the pump body (no need to remove the lid) and also enables attachment to machinery fill points by quick connect via the pump discharge hose. No mess, no contaminated oil top ups.

#### Kit contents:

- Discharge hose (available in two lengths) with 1/4" NPT male adapter for fitting of your preferred female quick connect
- ¼" NPT Male adapter for pump return port for fitting of your preferred male quick connect
- 10 Micron Breather fits to Premium Pump accessory port providing contaminant free air intake when using quick connects

Note: Does not come supplied with male or female quick connects.



#### PART #

920250 – 10 Micron 920255 – 3 Micron

#### PREMIUM PUMP BREATHERS

Protection against airborne contaminants during the pumping process.

Available in two different sizes these breathers screw into the accessory port on OILSAFE Premium Pumps. Choose from the 10 micron baffle breather (shown in photo) or 3 micron trap breather.

The 10 Micron Baffle Breather is included with the Premium Pump quick connect Kits.



# **Transfer Container Accessories & Spare Parts**

Enhance and extend the operational life of your OILSAFE containers with these accessories and spare parts.



#### PUMP REDUCER NOZZLE - Suits both OILSAFE Standard and Premium Pump.

**PART #** 920300 – Beige

920301 – Black

920302 - Blue

920304 - Gray

920303 - Dark Green

920305 - Mid Green

920306 – Orange

920307 – Purple 920308 – Red

920309 - Yellow

PART #

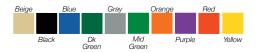
102030

This Pump Reducer Nozzle accessory fits to the aluminium anti-drip discharge pipe on the outlet end of the Pump hose and reduces the outlet diameter down to approximately ¼", making oil top offs to very small fill points easy, simple, fast and clean.



#### PREMIUM PUMP COLLARS On-site Identification Systems

Premium pumps use, and come standard with, removable color-coded pump collars to support on site identification systems. These pump collars can be replaced for service reasons, or should the color of the pump need to be changed.



UTILITY LID CAP

Spare Parts





#### SPOUT VALVE KITS Spare Parts

Twist top spouts on OILSAFE Lids provide for secure sealing of the containers and make it easy to get the lid into position for pouring without accidental spills. Replacement Spout Valve Kits are available and come with Nitrile O-Rings.

#### PART #

920200 – Mini 920201 – Stretch 920202 – Stumpy



PART # 920203

PART # 920205

# eria.

#### AIR BREATHER KIT Spare Parts

Replace the auto-shut-off air breather button on OILSAFE Spout Lids. Comes complete with Nitrile O-Rings and suits Stumpy, Stretch and Mini Spout Lids



#### $\frac{1}{4}$ " NPT MALE ADAPTER Secure and robust fitting for quick connects

Replacement Cap for OILSAFE Utility Lid.

For use with OILSAFE Premium Pump this brass fitting provides for secure and robust fitting of quick connects. PART # 920260



#### EXTENSION SLEEVE - PUMP Spare Parts

Standard and

OILSAFE Pumps (both Standard and Premium) are provided with Extension Sleeves enabling the pumps to reach the bottom of 10 US Quart Drums.

This replacement Extension Sleeve comes standard with a Nitrile O-Ring.



#### O-RING KITS Spare Parts

Replace the seals on your OILSAFE equipment with these pre configured kits. All OILSAFE products, except the Premium Pump, come standard with Nitrile O-Rings.

Consider Viton<sup>®</sup> O-Ring seals for synthetic oils where solvent content may be high.

O-RING KIT DESCRIPTIONS	PART # NITRILE	PART # VITON®
Main Lid Seal	920000	920100
Mini Spout Lid – replace all four O-Rings in a Mini Spout Lid	920001	920101
Stretch Spout Lid – replace all four O-Rings in a Stretch Spout Lid	920002	920102
Stumpy Spout Lid – replace all four O-Rings in a Stumpy Spout Lid	920003	920103
Stretch Hose Extension	920004	920104
Stumpy Hose Extension	920005	920105
Pump Sleeve – for Standard and Premium OILSAFE Pumps	920006	920106
Premium Pump	N/A	920007



#### **BARREL EQUIPMENT**

For easy and efficient dispensing of oils and fluids from barrels.

PART # 950000



LEVER ACTION BARREL PUMP Ideal for oil and oil

based fluids.

Designed to fit containers ranging in size from 15 gallon (50 liters) through to 55 gallon (205 liters), this popular lever action pump is engineered for professional use. Ideal for oil and oil based fluids the pump has:

- A plated steel lever handle with rubber grip for convenience
- Built in 1.5" and 2" bung for use on drums with either opening
- Premium powder coated steel pump body with ribbed section aluminum die cast pump head for maximum strength
- Curved metal spout and telescopic suction tube

With a non return Viton<sup>®</sup> seal the pump can also be used with antifreeze, solvents, thinners, automotive additives, industrial chemicals and other non corrosive liquids. It is not suitable for water based fluids, gasoline and corrosive media.

#### PART # 950020

#### **ROTARY BARREL PUMP**



Ideal for use in industrial & automotive applications.



This heavy duty rotary barrel pump has an aluminum die cast body and includes a 2" cast iron bung adaptor and die cast aluminum handle with security locking latch.

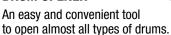
- Complete with a 3 pc threaded suction tube for use on 15 gallons (50 liter) 55 gallons (205 liter) barrels
- Recommended for use with lubricating oils up to SAE 30, gasoline, diesel fuel and kerosene.
- Do not use with corrosive liquids, solvents, acids, alkalis etc
- 1.8 m PVC nitrile delivery hose with metal nozzle, spring and hose clamp

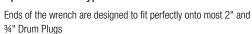
**WARNING!** 

Never operate the pump near fire or source of spark. Some media may be explosive and dangerous to pump.

PART # 950150

#### DRUM OPENER





 Compact design for easy storage, the opener is manufactured from cast aluminum, hardened and tempered for increased strength



#### SIGHT GLASSES AND FLUID ANALYSIS SYSTEMS





Quick and easy condition assessment of your equipment's vital fluids to help insure cleanliness, reducing downtime and maintenance costs.

The easy-to-install and access fluid analysis system and sight glass gives you greater insight into the status of fluids and helps your respond before major issues arise.

- Flat front sight glass with etched and painted crosshairs, allowing a clear view of fluids without distortion
- Recommended Temperature: -40°F to 200°F (-40°C to 93°C)
- UV-resistant to protect against long-term sun exposure
- Shatterproof, stain-proof and chemically resistant
- Fluid Analysis System
  - Dimensions 2.75" x 3.18" x 3.5" (w x h x l)
- Large Tritan<sup>™</sup> sight glass with 1.4" diameter x 1.25" deep viewing area
- Aluminum body
- Steel Adapter
- Standard flow sampling valve with stainless steel pilot tube
- Magnetic plug
- M16 x 2 sample port threads for attaching to vacuum pump and sample bottle
- Steel corrosion indicator
- Viton® o-ring

DESCRIPTION	THREAD SIZES	PART #	S	D	L	V
Sight Glass	1" NPT MALE	466520	<b>1</b> 5⁄16"	1.18	1.10	.248 fl. oz.
Sight Glass	34" NPT MALE	466515	1 %"	1.00	1.10	.148 fl. oz.
Sight Glass	1/2" NPT MALE	466505	7/8"	.78	.98	.063 fl. oz.
Sight Glass	¾" NPT MALE	466510	<sup>3</sup> /4"	.63	.98	.054 fl. oz.
Sight Glass	1/4" NPT MALE	466500	<sup>5</sup> /8"	.46	.73	.022 fl. oz.
Sight Glass	1" BSPP MALE	466590	<b>1</b> 5/16"	1.18	1.10	.248 fl. oz.
Sight Glass	¾" BSPP MALE	466560	1 %"	1.00	1.10	.148 fl. oz.
Sight Glass	1/2" BSPP MALE	466565	7/8"	.78	.98	.063 fl. oz.
Sight Glass	3/8" BSPP MALE	466555	<sup>3</sup> /4"	.63	.98	.054 fl. oz.
Sight Glass	1/4" BSPP MALE	466550	<sup>5</sup> /8"	.46	.73	.022 fl. oz.
Sight Glass	M10 x 1" THREADS	466545	7/16"	.32	.59	.004 fl. oz.
Sight Glass	M12 x 1.5" THREADS	466540	7/16"	.32	.59	.004 fl. oz.
Sight Glass	M20 x 1.5" THREADS	466535	7/8"	.78	.96	.061 fl. oz.
Sight Glass	M22 x 1.5" THREADS	466570	7/8"	.78	.96	.061 fl. oz.
Fluid Analysis System	11/2" NPT THREADS	830150				
Fluid Analysis System	1¼" NPT THREADS	830125				
Fluid Analysis System	1" NPT THREADS	830100				
Fluid Analysis System	¾" NPT THREADS	830075				
Fluid Analysis System	1/2" NPT THREADS	830050				
Fluid Analysis System	1" BSPP THREADS	830100B				
Fluid Analysis System	3/4" BSPP THREADS	830075B				
Fluid Analysis System	1/2" BSPP THREADS	830050B				
Fluid Analysis System	M20 x 1.5" THREADS	830150M				

S - Wrench Size D - Diameter L - Length V - Volume

# OilSafe®

# **GREASE EQUIPMENT**

Grease Guns	16
Innovative, high quality OILSAFE pistol grip and lever grease guns. Support 5S and Lean initiatives with the innovative identification features on all OILSAFE guns.	
Grease Gun Accessories	18
High quality accessories to enhance the usability of your OILSAFE Grease Guns.	
Grease Filler Pump	19
Protect bulk grease pails from contamination and dispense the grease into grease guns with this grease pump.	
Grease Gun Cartridge Accessories	20
Protect grease cartridges from accidental damage with innovative cartridge protection.	
Grease Fittings, Accessories & Protectors	22
High quality grease fittings in a variety of sizes and styles. Protect, maintain and replace grease fittings with this suite of	

High quality grease fittings in a variety of sizes and styles. Protect, maintain and replace grease fittings with this suite of tools and grease fitting protection products.



# **Grease Guns**

Match the color-coded Grease Gun to an OILSAFE color-coded Grease Fitting Protector to ensure the right grease is used in the right equipment.



Air Breather & Bulk Loader

on all color-coded guns.

#### PISTOL GRIP GREASE GUN

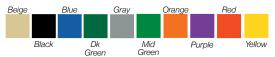
This heavy duty, top of the line grease gun is ideal for one handed operation and are designed for use in confined spaces where access to grease fittings is restricted.

The pistol grip is designed to prevent fingers from pinching and includes a soft rubber handle grip for comfort.

#### Provided with both a 4" steel extension and 12" flexible extension.

- 3-way packable (suction, cartridge or filler pump)
- Super strong pistol grip handle with soft rubber grip
- Pistol grip design prevents fingers from pinching
- Develops 5000 PSI / 345 BAR

#### Available in 10 colors:



#### LEVER GREASE GUN

Variable stroke lever action for greater control of delivery – especially in tight working spaces.

This heavy duty, top of the line grease gun is designed for punishing day-in and day-out heavy industrial applications.

#### Provided with both a 6" steel extension and 12" flexible extension.

- 3-way packable (suction, cartridge or filler pump)
- Have capacity for 14 oz (400gm) cartridges or will fit 500cc bulk filled
- <sup>1</sup>/<sub>8</sub>" NPT threads
- Soft rubber grip for non-slip operation.



DEL IVER

**HEAVY DUTY -**

330700 - Beige

330701 – Black

330702 – Blue

330704 - Grav

330707 – Purple 330708 – Red

330709 - Yellow

**PISTOL GRIP PART #** 

330703 – Dark Green

330705 – Mid Green 330706 – Orange

#### HEAVY DUTY -LEVER GRIP PART #

330300 – Beige 330301 – Black 330302 – Blue 330303 – Dark Green 330304 – Gray 330305 – Mid Green 330306 – Orange 330307 – Purple 330308 – Red 330309 – Yellow

#### Color-coded Steel Tubes are also available in 10 colors as spare parts for converting your existing grease guns. Fits most common styles. HEAVY DUTY - STEEL TUBE ONLY PART #

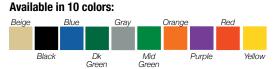
Beige	Black	Blue	Dk. Green	Gray	Mid Green	Orange	Purple	Red	Yellow
332300	332301	332302	332303	332304	332305	332306	332307	332308	332309



#### **COLOR-CODED CLEAR GREASE GUNS & TUBES**

Color-Coded Clear Grease Guns enable accurate identification of a lubricant by providing visibility of the installed cartridge or the grease level if bulk filled.

Made of impact resistant polycarbonate, the clear body tubes are extremely tough and durable and have been designed for many years of use in industrial environments.









Clear tubes are also available in 10 colors as spare parts for converting your existing grease guns. Fits most common styles. Clear Tubes shown in all 10 Colors.

Clear Tubes Shown In all TO Color.

For part # see the Table below.

#### **HEAVY DUTY - CLEAR LEVER GRIP PART #**

Beige	Black	Blue	Dk. Green	Gray	Mid Green	Orange	Purple	Red	Yellow	Custom
330500	330501	330502	330503	330504	330505	330506	330507	330508	330509	330350

#### HEAVY DUTY - CLEAR PISTOL GRIP PART #

Beige	Black	Blue	Dk. Green	Gray	Mid Green	Orange	Purple	Red	Yellow	Custom
330800	330801	330802	330803	330804	330805	330806	330807	330808	330809	330750

#### HEAVY DUTY - CLEAR TUBE PART #

Beige	Black	Blue	Dk. Green	Gray	Mid Green	Orange	Purple	Red	Yellow	Custom
332200	332201	332202	332203	332204	332205	332206	332207	332208	332209	332011

# OilSafe<sup>®</sup>

# **Grease Gun Accessories**

Use these innovative, high quality accessories to enhance the usability of OILSAFE Grease Guns.

#### **GREASE GUN HOLDERS**

Safe storage of grease guns.



#### Standard Grease Gun Holder

- For use with color-coded 14 oz steel body guns
- Simple snap action clamp mounts on almost any surface

PART #: 331160 Standard



#### Heavy Duty Grease Gun Holder

- For use with ALL OILSAFE Grease Guns
- This heavy duty holder has a strong spring and mechanism that will hold secure in high vibration environments

PART #: 331161 Heavy Duty



#### **FLEXIBLE GREASE HOSE**

#### Easier access to fittings that are hard to reach.

Fit these flexible hoses to OILSAFE grease guns and allow easier access to fittings that are hard to reach. Available in two lengths.

Also consider the heavy duty spring guard for extra rigidity to the coupling end of the hose, allowing added safety and convenience in fitment – particularly effective when working with Grease Control Valves.

The Heavy Duty hose may be used on hand operated or air operated grease guns.

LENGTH	FITTING SIZE	SPRING GUARD	WORKING PRESSURE	BURST PRESSURE	PART #
Heavy Duty Hose					
12"	1/8" NPT	No	5800 PSI	13775 PSI	331020
18"	1/8" NPT	No	5800 PSI	13775 PSI	331021



PART # 330999

#### **SPECIFICATIONS:**

Working Pressure: Max 70 psi - 10,000 psi

Flow: Max 1000 cm<sup>3</sup>/min

Measuring Accuracy: +/-3%

Battery: 2 x 1.5V LR1

Grease Consistency: Up to NLGI 2

Weight: 0.7 lbs (0.3 kgs)

#### **GREASE METER**

#### Maximize bearing life.

Fit this grease meter to your OILSAFE Grease Gun and push the button to zero before each application. The result is shown in large (11/32" – 9mm) and clear digits and the meter can be backlit for operation in darker areas.

The meter includes a re-setable total-counting mechanism and will fit with any of the OILSAFE flexible hoses or steel extensions. The meter housing is made of anodized aluminium and has 2 x ISO- R 1/8 female fittings.

With this Grease Meter it is possible to grease precisely according to the bearing manufacturer's recommendations. Can be calibrated to ensure accurate measurements.



PART # 331440

#### **USEFUL TIPS**

Prime pumps when using for the first time. Pour 30mL oil into the pump outlet and operate lever handle until grease starts dispensing.

#### **GREASE FILLER PUMP**

No mess or waste. Get the benefits of buying grease in bulk and prevent contamination with this easy to use Grease Filler Pump.

Quickly, cleanly and easily load OILSAFE and other guns with bulk filler points. The female load adapter on this pump will adapt to both American (0.58") and European Straight (9mm) loader fittings.

#### **Recommended Use:**

- For grease up to and including NLGI 2
- Designed for use with 25-50lb / 5 gallon grease pails

WARNING!

Never exert undue pressure on the lever handle.



# **Grease Gun Cartridge Accessories**

Preserve the integrity of the grease and avoid damage to grease cartridges, which can cause grease gun malfunctions.

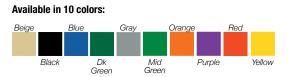


#### **CARTRIDGE PROTECTION TUBE**

Protects grease cartridges against damage/weather, preserves the integrity of the grease and avoids damage to grease cartridges that cause grease gun malfunctions.

The Tubes provide a clean, safe method of transporting cartridges from vehicle or shop to the point of use and enables the safe and clean return of used grease cartridges from the work site or work vehicle for safe and environmentally responsible disposal.

To withstand the toughest conditions, the Cartridge Protection Tube has an in-built label holder and is transparent for quick and easy identification of contents so that you can be sure that the correct grease is inserted into the correct grease gun every time.



Tubes are supplied standard with a black hanging hook and black Outdoor Paper Content Label.

OILSAFE ID Label enables more accurate, color-coded identification of cartridges. See pages 30-35 for labeling information.



PART # 300000 – Cartridge Protection Tube

#### PART # COLORED HOOKS

300300 – Beige
300301 – Black
300302 – Blue
300303 – Dark Green
300304 – Gray
300305 – Mid Green
300306 – Orange
300307 – Purple
300308 – Red
300309 – Yellow



# Grease Fittings, Accessories & Protectors

High quality grease fittings in a variety of sizes & styles. Identify, protect, maintain and replace grease fittings with this suite of tools & protection products.

#### **GREASE FITTINGS**

#### Available in Packages and Kits

Incorporating the most popular sizes, these Grease Fittings are manufactured to the most stringent quality standards. For added protection against contamination consider using OILSAFE Grease Fitting Protectors (see opposite page).



1/8" - 27 Pipe Threads PTF	PACK SIZE	HEX SIZE	PART #
Straight	10	7/16"	340500
45° - Short	5	7/16"	340501
65° - Short	5	7/16"	340502
90° - Short	5	7/16"	340503
1/4" - 28 SAE-LT - Taper Threads	PACK SIZE	HEX SIZE	PART #
Straight	10	5/16"	340520
45° - Short	5	3/8"	340521
90° - Short	5	3/8"	340523
1/4" - 18 Pipe Threads NPT	PACK SIZE	HEX SIZE	PART #
Straight	5	9/16"	340530
Drive Fitting for 1/4" Drill Hole	PACK SIZE	HEX SIZE	PART #
Straight	10	11/32" Diameter	340550



#### SAE GREASE FITTING KIT SAE assorted 80 piece kit:

- 25 pcs 1/8" 27 PTF Straight
- 10 pcs 1/8" 27 PTF 45°
- 10 pcs 1/8" 27 PTF 90°
- 15 pcs 1/4" 28 SAE LT Straight
- 10 pcs 1/4" 28 SAE LT 45°
- 10 pcs 1/4" 28 SAE LT 90°

#### METRIC GREASE FITTING KIT PART # 340100 Metric Assorted 80 piece kit: Metric Grease

- 20 pcs M6 x 1 Straight
- 10 pcs M6 x 1 90°
- 15 pcs M8 x 1 Straight
- 10 pcs M8 x 1 90°
- 15 pcs M10 x 1 Straight
- 10 pcs M10 x 1 90°

#### **GREASE FITTING ACCESSORIES**

A selection of tools to maintain your grease fittings



#### **4 WAY GREASE TOOL**

Handy, dual purpose tool

Remove worn and broken grease fittings as well as re-tapping holes for installing new grease fittings.

Works with both straight and angled fittings and is available in small and large sizes for use on almost all threaded fittings.

- · For installing straight grease fittings
- Screw extractor for removing worn & broken grease fittings
- For installing angled grease fittings
- Hardened tap for re tapping holes

ITEM	HEX SIZE	TAP RE THREADS	PART #
4 Way Grease Tool — Small	5/16" (7mm)	1/4" - 28	331401
4 Way Grease Tool — Large	3/8" (9mm) 7/16" (11mm)	1/8" - 27	331400



PART # 340000

SAE Grease

Fitting Kit

Fitting Kit

#### **GREASE FITTING UNBLOCKER** PROFESSIONAL

#### PART # 331425

#### Opens clogged grease fittings and loosens hardened grease joints.

Excellent for maintaining & protecting bearings, control arms, joints, king pins, etc.

Tool has an all steel construction and is designed to be tapped with a hammer to force a light viscosity oil through the tool into the coupler finally into the grease joint, breaking up and removing dirt and debris.

Comes complete with grease coupler for connection onto the grease fitting and hose for hard to reach fittings.

#### **"DRIVE FIT" GREASE FITTING INSTALLERS**

#### PART #

331410 - Straight 331411 - Angled

#### Specialty tools for installing straight and angled Drive Fit grease fittings into untapped holes.

Heavy duty steel construction with zinc-

### plated finish.



#### **GREASE FITTING PROTECTORS**

OILSAFE Grease Fitting Protectors save you the cost of equipment failures related to contamination or misapplication.

Grease Fitting Protectors deliver a secure seal over most common grease fittings providing excellent protection against contamination. Furthermore, with 10 colors and space for labels the Grease Fitting Protectors clearly identify what grease is required for the fitting.

These innovative, patented products provide a number of benefits over traditional Zerk protectors, including:

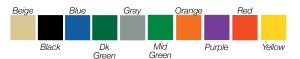
- Use as part of the fully integrated, color-coded visual fluid management system
- Available in 10 colors. Custom and pre-printed labels available, see pages 30-35.
- Recessed head for label placement
- Innovative design ensures easy removal from Zerk fitting even when wearing work gloves
- Durable industrial grade materials
- · Available in various sizes and in pre-configured kit formats
- Makes grease fittings easy to find and Supplied in bags of 100





#### CLEAR PROTECTIVE LENS - PART # - 290999 Bags of 100

These lens fit securely into the top of Grease Fitting Protectors and ID Tabs providing a protective barrier above labels.



BAG OF 100	BEIGE	BLACK	BLUE	DARK GREEN	GRAY	MID GREEN	ORANGE	PURPLE	RED	YELLOW
1/4"	291000	291001	291002	291003	291004	291005	291006	291007	291008	291009
13/32"	291100	291101	291102	291103	291104	291105	291106	291107	291108	291109
17/32"	291200	291201	291202	291203	291204	291205	291206	291207	291208	291209

#### **GREASE FITTING PROTECTOR KITS**

Enables you to dedicate a specific color to a specific grease.

OILSAFE Grease Fitting Protector Kits come in 3 color kits consisting of Blue, Purple and Red, as well as 6 color kits consisting of Black, Blue, Mid Green, Purple, Red and Yellow. This enables you to dedicate a specific color to a specific grease. Grease Fitting Protectors also come in various sizes to suit most common grease fittings. **See charts below for part numbers and sizes.** 

#### **# OF COLORS GFP SIZE** PIECES PART # 1/4" 3 60 900911 1/4" 3 240 900901 3 900912 13/32" 60 3 13/32" 240 900902 17/32" 3 60 900913 17/32" 3 240 900903

**3 COLOR GREASE FITTING PROTECTOR KITS** 

Footnote: Matching pre-printed Label Kits available. Page 33

#### **6 COLOR GREASE FITTING PROTECTOR KITS**



GFP SIZE	# OF COLORS	PIECES	PART #
1/4"	6	60	900931
1/4"	6	240	900921
13/32"	6	60	900932
13/32"	6	240	900922
17/32"	6	60	900933
17/32"	6	240	900923

Footnote: Matching pre-printed Label Kits available. Page 33

# OilSafe®

# **IDENTIFICATION**

Pre-Configured Kits	
Cost effective kits.	

Popular Labeling Solutions	28
Labeling solutions for different applications.	
Identification & Label Wizard	30

Label Holders & Accessories	36
Purpose-built industrial label holders and accessories ideal for everything from lubricant bulk storage through to the fill point.	

# **OILSAFE<sup>®</sup> IDENTIFICATION SOLUTIONS**

Manage your fluid transfer from bulk storage to point of use. The OILSAFE unique Visual Lubrication System of products combines to identify, protect and reduce machinery downtime.



OILSAFE is the only industrial grade labeling system in the world that enables accurate lubricant identification from bulk storage to the fill point. In the process providing:

- 5S color-coded, identification and order
- LEAN the right lubricant in the right fill point
- Right to Know ensuring operators are aware of what they are handling

# The fully integrated OILSAFE label system is comprised of two core components:

- Labels available in various sizes, styles and materials
- Label Holders many different types and combinations to address the challenges of securing labels in an industrial environment

Innovative, practical and durable, this fully integrated and color-coded labeling system also:

- Ensures the right lubricant goes into the right machine every time
- Improves OSHA compliance
- Accommodates inclusion of MSDS information at all steps of the lubrication process
- **Enables** consistent identification of bulk storage, intermediate containers and point of use
- · Flexible and suitable for multiple workplace applications
- Industrial grade, high quality and suitable for outdoor use
- Improves productivity and efficiency
- Increases bottom line savings

# How to Implement the OILSAFE<sup>®</sup> Labeling System

#### Customized & Standard Fluid Identification from Bulk Storage to the Point of Use



#### **BULK STORAGE UNITS**

The first step in the chain of custody. Ensuring that Lubrication Technicians can **clearly identify the lubricant they need.** 

Solutions range from simple adhesive labels through to solutions that include complete MSDS information.



#### **TRANSFER CONTAINERS & LIDS**

Cross contamination of lubricants can be just as damaging as dirt and water. **Match** the transfer container label to the bulk label to eliminate the potential for cross contamination, and ensure that employee's **Right To Know** entitlements are addressed.



#### **POINT OF USE**

Getting the **right lubricant** into the **right fill point** (contaminant free) is one of the simplest ways to reduce maintenance and operating costs.

**Matching** the container label to the fill point label is the final step.

# OilSafe<sup>®</sup>

# **Pre-Configured Kits**

These cost effective OILSAFE Kits enable first hand, on site evaluation of our unique visual lubricant labeling system.

#### **DRUM LABEL KIT**

The Drum Label Kit is designed to accompany your color-coded OILSAFE Lid, Drum and Label offering on site evaluation of the OILSAFE unique visual lubricant labeling system.

Each Kit includes a color-coded comprehensive selection of the products to work in conjunction with your color-coded OILSAFE Lid, Drum and Label:

• **5 Label Holder components;** 1 - 2 x 3.5 Label Pocket, 1 - Color-coded Label Pocket Frame, 1 - Lockable Drum Ring, 1 - Label Leash, 1 - Color-coded Drum Ring. These components combine to create two (2) pre-configured solutions for different labeling requirements and experimentation.

Each Drum Label Kit includes these selected components which combine to form two (2) solutions:

• Guidance Sheets - Best practice suggestions for common labeling applications

Experience the:

- Versatility with multiple options for most situations
- Durability of our heavy duty industrial grade components

#### Kits available in 10 colors to match your OILSAFE Lid, Drum and Label:



#### PART #

207100 – Beige Drum Label Kit

207101 – Black Drum Label Kit

207102 – Blue Drum Label Kit

207103 – Dark Green Drum Label Kit

207104 – Gray Drum Label Kit

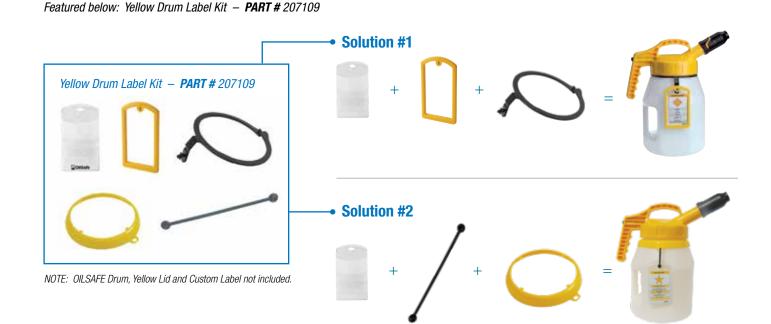
207105 – Mid Green Drum Label Kit

207106 – Orange Drum Label Kit

207107 – Purple Drum Label Kit

207108 – Red Drum Label Kit

207109 – Yellow Drum Label Kit





#### PART #

290001 – OILSAFE Evaluation Kit

#### LABELING EVALUATION KIT

The OILSAFE Labeling Evaluation Kit is designed to enable first hand, on site evaluation of our unique visual lubricant labeling system.

The Kit includes a comprehensive selection of the products, including:

- Label samples various materials, sizes and designs
- Label Holder samples pre configured solutions for different labeling requirements and parts for further experimentation
- Guidance Sheets best practice suggestions for common labeling applications

Experience the:

- Versatility with multiple options for most situations
- Fit with different size components to suit your differing equipment needs
- Durability of our heavy duty industrial grade components

# **EXPERIENCE OILSAFE TODAY** with this cost effective Labeling Evaluation Kit!



# OilSafe<sup>®</sup>

# **Popular Labeling Solutions**

#### **BULK STORAGE**



#### **BULK TANK**



# Pocket Frame

page 36

#### Advantages

- Removable and easily update-able also allows for inclusion of extra information such as MSDS sheets
- Water Resistant

#### **DISPENSING TAPS**



page 36 page 40

page 30

#### Advantages

- · Easily secures to taps and other fittings
- Water Resistant



#### **GREASE PAIL**



#### Adhesive Labels

Components

**Advantages** 

Available in various sizes and styles

## **CONTAINERS**





•

•

#### Components Pocket Frame page 36 Label Pocket page 36 Color-coded Drum Ring page 37 **Advantages**

Fits securely around OILSAFE drum ensuring clear

color-coded identification even with lid removed Consider adding a leash and label pocket to

accommodate extra information

page 37

page 32

page 30

• Fits securely around OILSAFE drum ensuring clear color-coded identification even with lid removed. Leash and label pocket accommodate extra information Water Resistant



• Adhere to side of OILSAFE drum. Available in various sizes and styles

**OILSAFE** labels accurately identify your lubricants from Bulk Storage to the Fill Point.





# **OIL FILL POINTS**



1	Components
	Leash Label Pocket
- 12	Advantages

page 40 page 36

- Easily secures to taps and other fittings
- Water Resistant

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2	
REAL (1997) (201)	•
Other Designation in the	

Components	;
------------	---

•	
0.5" Adhesive Label	page 30
ID Tab	page 38
Washer	page 38
Lens	page 23, 39

#### **Advantages**

- · Heavy duty solution with discrete label and color coding. Fits by means of washer with standard BSP sizes up to 1"
- Consider using swivels to improve access/visibility or a leash & pocket for additional information

## **GREASE GUNS**



Components

Adhesive Labels

page 30

page 36

#### Advantages

· Adheres to side of grease gun

#### Components Label Pocket Label Wrap

page 41 Water Resistant Label page 30

**Advantages** 

• Wraps comfortably around grease gun and can be easily removed for cleaning

Consider the Bonded Wrap if a more permanent fit is required

#### **GREASE FILL POINTS**



#### Components 0.5" Adhesive Label

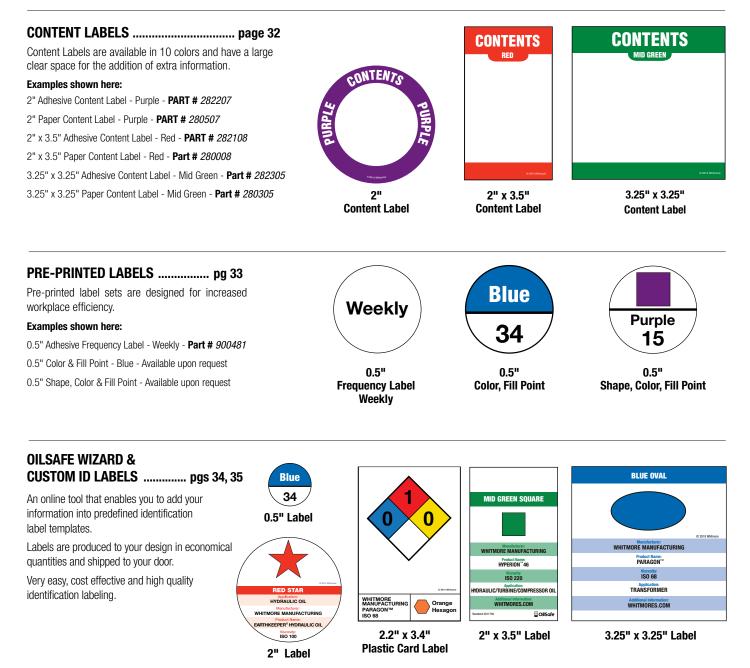
page 30 page 23, 39 page 23, 39

#### Advantages

- · Protects from contamination and ensures accurate identification
- Consider adding a leash & pocket for additional information

# **Identification Labels**

OILSAFE<sup>®</sup> offers a comprehensive suite of industrial grade labels to suit your lubricant labeling program. Labels are available in a variety of sizes, materials and styles to provide the flexibility needed for the challenges that exist in industrial environments.



#### **CUSTOM LABELS**

We engineer custom labels and label systems for some of the world's largest companies. If the identification solutions above do not meet your specific requirements, consult with an OILSAFE Representative to find out how OILSAFE can help design and deliver your required labels to meet your unique needs.

#### **ADHESIVE LABELS**



OILSAFE Adhesive labels are made of heavy duty Polyester and have a permanent adhesive. The label material can resist water and most lubricants. Apply to a clean flat surface for best long term adherence.

#### WATER RESISTANT PAPER



With a paper-like texture enabling easy writing, these heavy duty labels have built-in protection against the rigors of industrial work places. Use with OILSAFE pockets and other label holding components for attachment to bulk storage, transfer containers and fill points.

#### LAMINATED CARD



Similar to credit cards in size and weight, these highly durable cards are made for the toughest work environments. Over laminated for additional protection of printed information these cards can be fixed with a OILSAFE leash or with heavy duty double-sided tape.

#### LABEL SIZE MATRIX

A variety of sizes to suit easy attachment of labels in the workplace.

SHAPE AND DIME	INSION	APPLICATION	QUANTITY	WATER & TEAR RESISTANT	POLYESTER Adhesive	LAMINATED Card
	2" x 3.5"	Popular and practical sized label that provides for detailed information and fits most labeling applications.	Sheet of 10	•	•	
$\bigcirc$	2" Circle	Ideal for OILSAFE Cartridge Protection Tubes or applications where a smaller space is available, yet detail is still useful.	Sheet of 12	•	•	
	3.25" x 3.25"	A larger label for areas where greater visibility is required.	Sheet of 6	•	•	
$\bigcirc$	0.5" Circle	Designed for OILSAFE Grease Fitting Protectors, and ID Tabs. These labels provide room for specific identification information.	Sheet of 180		•	
	0.5" x 5.5"	Curved to fit OILSAFE Color-coded Drum Rings.	Sheet of 20		•	
	2.2" x 3.4"	Providing the same level of detail as the 2" x 3.5" labels, this size is unique to the laminated card labels.	Single Labels			•

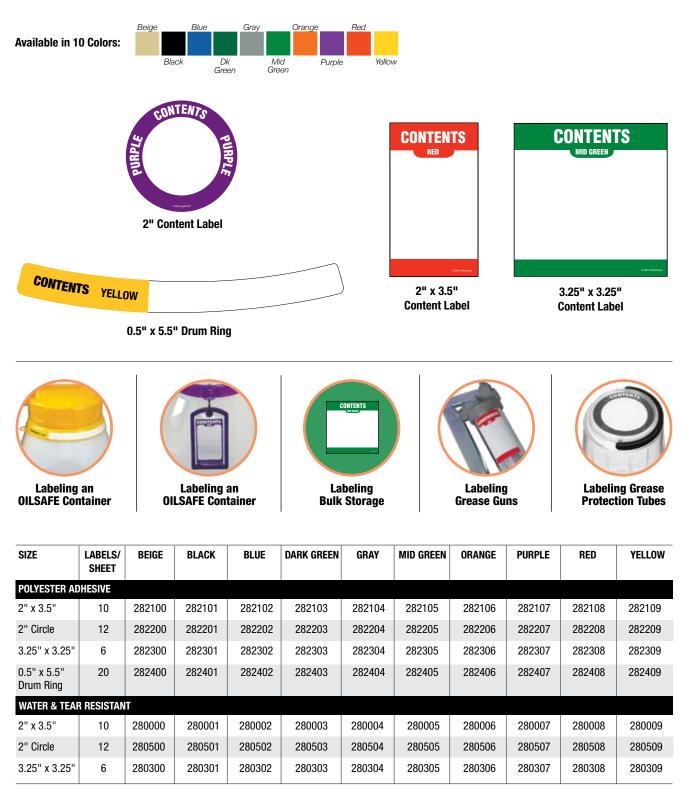
STYLE	2" X 3.5"	2" CIRCLE	3.25" X 3.25"	DRUM RING	0.5" CIRCLE	2.2" X 3.4"
Content	Adhesive & Water Resistant	Adhesive & Water Resistant	Adhesive & Water Resistant	Adhesive	Adhesive	Laminated Card
Pre-printed	Adhesive	Adhesive	Adhesive	Adhesive	Adhesive	Adhesive
Wizard	Adhesive & Water Resistant	Adhesive & Water Resistant	Adhesive & Water Resistant	Adhesive	Adhesive	Laminated Card
Custom Available in all of these and many other sizes and materials.						

# **Content & Preprinted Labels**

**OILSAFE** Labels support reliability improvement and safety compliance.

#### **CONTENT LABELS**

Available in 10 colors a variety of sizes, materials and styles to provide the flexibility needed for the challenges that exist in industrial environments. OILSAFE Content Labels enable identification of container and bulk storage contents through color-coding and the addition of extra information as required. Each label is designed with clear color reinforcement and a large white space to allow for writing (in pen) of required information.



# **Pre-printed Labels**

#### PART #

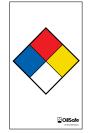
900480 – Daily 900481 – Weekly 900482 – Monthly 900483 – Quarterly 900484 – Semi-Annually 900485 – Annually

#### 0.5" FREQUENCY LABELS

Typically used to indicate the filling frequency of a lubricant fill point. These labels are black text on white background and can be used with any colored Grease Fitting Protector or ID Tab. Polyester Adhesive. **Supplied 180** to a sheet.

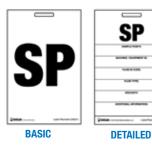
#### NFPA LABEL - BLANK

**Clearly identify the NFPA information of any substance.** Simply fill in the blank fields of these NFPA Labels. Available in Adhesive, Water Resistant Paper and Plastic Card style.



Weekly

PART #	MATERIAL	SIZE	# LABELS / SHEET
289201	Plastic Card	2.2" x 3.4"	1
289202	Adhesive	2" x 3.5"	10
289203	Adhesive	3.25" x 3.25"	6
289204	Adhesive	5" x 8"	2
289205	Adhesive	8.5" x 11"	1
289206	Water Resistant Paper	2" x 3.5"	10
289207	Water Resistant Paper	3.25" x 3.25"	6



#### SAMPLE POINT LABELS

Clearly identify Lubricant Sample Points with these durable Plastic Card Labels – available in **two formats** and can be written on with marker pen.

PART #	ТҮРЕ	MATERIAL	# LABELS
289251	Basic	Plastic Card	1
289252	Detailed	Plastic Card	1

#### 0.5" LABEL KITS

#### Designed to match with pre configured Grease Fitting Protector Kits (see page 23 or 39).

These labels are provided with fluid identification information such as color and shapes, and also include fill point numbers in a sequence appropriate for a unique equipment set.



COLOR	SHAPE	3 COLOR KIT	6 COLOR KIT
Black	Star	N/A	Yes
Blue	Circle	Yes	Yes
Mid Green	Hexagon	N/A	Yes
Purple	Square	Yes	Yes
Red	Triangle	Yes	Yes
Yellow	Shield	N/A	Yes

FILL POINTS	COLORS	SHAPES	PART #
FILL PUINTS	GULUKS	SHAPES	PART #
1-15	3	N/A	900400
1-30	3	N/A	900401
1-15	6	N/A	900420
1-30	6	N/A	900421
1-15	3	3	900450
1-30	3	3	900451
1-15	6	6	900470
1-30	6	6	900471

Note: 3 color kits: Blue, Purple, Red / 6 color kits: Black, Blue, Mid Green, Purple, Red, Yellow



#### **USED OIL LABELS**

Clearly identify used oil containers and assist with regulatory compliance with these durable Polyester adhesive labels available in a variety of sizes.

PART #	ТҮРЕ	SIZE	# LABELS / SHEET
289101	Basic	3.25" x 3.25"	6
289102	Basic	5" x 8"	2
289103	Basic	8.5" x 11"	1

Purple

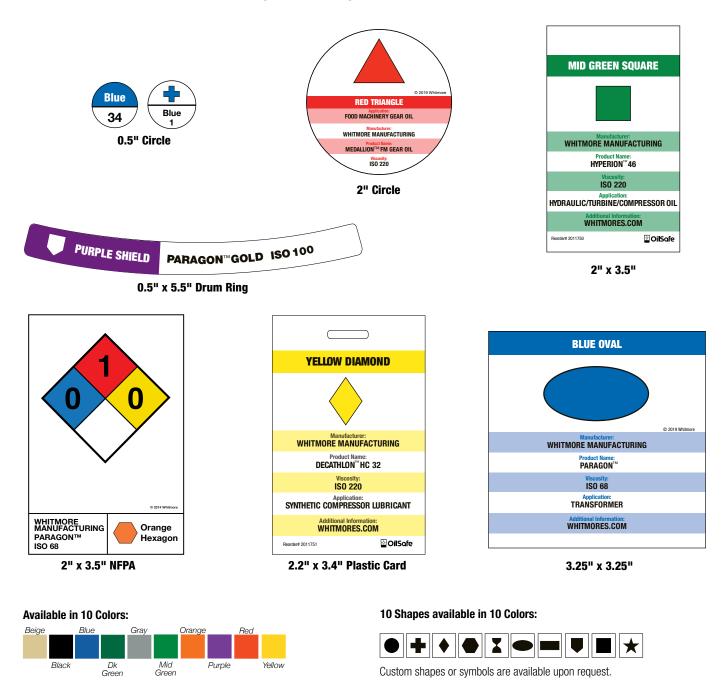
15

Yellow

28

# **Label Wizard & Custom Labels**

The illustrations below show a range of labeling solutions.



#### LABEL WIZARD

With the OILSAFE Label Wizard, you can create simple or detailed fluid identification labels tailored specifically to your unique fluid requirements.

The OILSAFE system of labels manage and accurately identify fluids from bulk storage to intermediate container to the point of use. Use OILSAFE labels to support reliability improvement and safety compliance.

# Consider using a color and/or shape combination to uniquely identify your lubricant or fluid.

#### **CUSTOM LABELS**

In addition to the innovative Wizard, OILSAFE can custom create nearly any label for your lubricant identification requirements. Tell us more about your requirement so we can work with you to deliver a cost effective industrial solution.

# OILSAFE<sup>®</sup> LABEL WIZARD

### **Custom ID Labels. You Create. OILSAFE Delivers.**

OILSAFE's Label Wizard is a simple and intuitive web based platform designed to support online creation of labels and provide rapid supply of those labels to your door. A simple, fast and immediate solution to your fluid identification needs, OILSAFE labels are designed to ensure that the right fluid goes into the right machine every time.

Working in tandem with the OILSAFE range of label holding accessories OILSAFE labels form a fully integrated, color-coded solution for identifying bulk storage, intermediate containers and points of use on plant and machinery. Satisfying **Right to Know, 5S and LEAN** reliability objectives.

(exclusion)			10000
94,2001 94,2004 94,2004 94,2004		#PA22100 Ruid ID Label - 2' x 3.5' - Adhesive (Land Sheat 15 us Latt 5 x 35 EA Labels Hit Shift - 1 SHET QUARTY - 1 US LIST PRICE - 5 + 52 Per Sheat	(scage Layout)
Processo Pro	CREATE CUSTOM to LAR Bag 1: Schore zoler Bag 2: Schore travular Bag 3: Schore travular Step 4: Proder later Bag 6: Add to cart		
Property Account Account	Create New Color. But	Label Preview	an an tha an
2012 Date And 2018 2012 Date	Shape Circle		
(press)	Product Name		and a second sec
	Viscosity Please select Other Viscosity		
	Application Please sheet		
	Application Additional Information		
	ADD TO C	ANT	
Irs:		10 Shape	S:
Blue Gray Oran	ge Red	• +	

#### HOW TO CREATE OILSAFE CUSTOM ID LABELS

#### STEP 1: Choose a label type

Using the OILSAFE website Label Wizard https://label-wizard.whitmores.com/, select the style, size and material of label appropriate for your application.

#### STEP 2: Choose a color and shape

Effective and accurate identification is best achieved through the use of prominent and unambiguous visual indicators. OILSAFE Label Wizard templates support the creation of a labeling system that uses color and shapes as the corner stone for identification and ensuring operators accurately match a lubricant to a fill point.

#### **STEP 3:** Complete your label

Complete some or all of the remaining identification fields in the label template to provide a greater level of information at the fill point or on a container. Particularly useful to help with OSHA **Right to Know** identification requirements.

#### STEP 4: Review and place the order

Once satisfied with the label design and contents, determine the quantity required and add to the cart for fast and efficient ordering.

#### **STEP 5:** Label Holders & Accessories

Make sure you have the right label holders to secure and protect your label.

### Label Holders & Accessories

Label Holders are core components of the OILSAFE System and are used for protecting, presenting and enabling attachment of labels.



#### LABEL POCKET

#### Protects and secures labels

Pockets are available in 2 sizes, each pocket is double sided and accommodates content labels, card stock and other OILSAFE labels. Provides ample space for comprehensive identification information on transfer containers, bulk storage or fill points.

Made to withstand tough outdoor conditions, these pockets are a powerful tool in ensuring your employee's right to know is satisfied.





The larger size pocket is particularly effective for storing MSDS sheets as well as larger size labels

The 2" x 3.5" size pocket can be used in conjunction with Label Leashes and is a highly effective, economical way to label fill points

Leashes - see page 40

#### LABEL POCKET FRAME

#### Industrial grade color-coded Label Frames protect and identify

Color-coded Label and Label Pocket insert directly into the color-coded Frame, creating a highly visual, simple and reliable system for ensuring the right lubricant goes into the right machine every time.

Connect Label Pocket Frames to equipment via OilSafe Magnets, Clamps, Swivel Joints or Leashes, or on to OilSafe Drums via an OilSafe Drum Ring.

- Fits 2" x 3.5" Label and Label Pocket
- Industrial grade protects Label and Label Pocket, suitable for outdoor •
- Highly visual for color-coding available in 10 colors
- Attach an OilSafe Magnet to the rear of the Label Pocket Frame for guick and replaceable labeling to metal surfaces such as; oil barrels, drums, totes, plant and equipment







Frame houses labels on Transfer Containers PART #

200101 -2" x 3.5" 200102 -4" x 3.25"

- 200000 Beige
- 200001 Black
- 200002 Blue
- 200003 Dark Green
- 200004 Gray
- 200005 Mid Green
- 200006 Orange
- 200007 Purple
- 200008 Red
- 200009 Yellow

Label Pocket and Label insert into Frame Beige Blue Gray Black Dk Green Orange Mid Green

Purple

Yellov

Frame houses labels on Bulk Systems



#### PART #

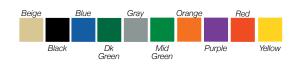
207000 – Beige 207001 – Black 207002 – Blue 207003 – Dark Green 207004 – Gray 207005 – Mid Green 207006 – Orange 207007 – Purple 207008 – Red 207009 – Yellow

#### **COLOR-CODED DRUM RING**

OILSAFE Color-Coded Drum Rings fit securely and easily to all OILSAFE Containers and provide clear and effective color-coding.

Adhesive labels are also available to enable more detailed identification. Options include "Contents" label with space for written information, or a custom label using the OILSAFE Wizard.

- Available in 10 colors
- Industrial grade with UV stabilizers and anti-static additives
- Recessed panel for Drum Ring label placement
- A hook for additional labeling options with leashes and pockets
- Enables the quick and easy removal of the entire labeling assembly from the drum when the drum requires cleaning - unlike adhesive sandwich bag labeling concepts that leave messy residues and require constant replacement at the time of drum servicing or re-labeling







label placement



Hook for hanging additional info

PART # 201001

#### LOCKABLE DRUM RING

Designed for OILSAFE containers, the industrial-grade Drum Ring provides a secure way of attaching Label Pockets & Frame.

Use with multiple Label Pockets and color-coded Frame to identify container and lubricant, along with other information including MSDS and Right to Know.

- Designed specifically for OILSAFE containers, attaches frame & multiple label pockets
- Ring held into place by secure locking lug and OILSAFE Lid
- Enables the quick and easy removal of the entire labeling assembly from the drum when the drum requires cleaning - unlike adhesive sandwich bag labeling concepts that leave messy residues and require constant replacement at the time of drum servicing or re-labeling



### **Label Holders & Accessories**

Label Holders are core components of the OILSAFE System and are used for protecting, presenting and enabling attachment of labels.



#### **ID TABS**

#### Ideal for Fill Points

OILSAFE ID Tabs provide durable labeling and fill point identification options when mated with a color-coded OILSAFE Fill Point ID Washer.

Available in 10 colors, identification can be achieved through simple color-coding or enhanced by the addition of a label into the label recess, or hanging by leash. Supplied in bags of 6.

Pre-printed labels are available for ID Tabs (see pages 33-34) or

create your own with the help of your representative.



your ID tab without

removing it

Easily hang additional

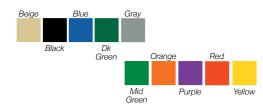
information from ID Tab



Clear Protective Lens (bags of 100) Manufacturer Part # - 290999

#### PART #

205500 - Beige 205501 – Black 205502 - Blue 205503 – Dark Green 205504 – Gray 205505 – Mid Green 205506 - Orange 205507 - Purple 205508 - Red 205509 - Yellow





#### FILL POINT ID WASHERS

**OILSAFE Fill Point ID Washers enable durable and** comprehensive color-coded identification of machine oil and grease fitting fill points.

Washers can be used alone for simple color-coding, or combined with OILSAFE components for more information at the point of use. Supplied in bags of 6.

- Temperature resistant, Chemical resistant
- Enables attachment of ID Tab which makes oil fill points easier to find on equipment
- Swivel Joint Accessory enables rotation into desired position for improved access and visibility

- Enables attachment of Label Clamps to provide for • comprehensive identification information
- Available in 10 colors, enabling color-coding of fill points
- 6 BSP sizes 1/8", 1/4", 3/8", 1/2", 3/4", and 1" •





Size (BSP)	BEIGE	BLACK	BLUE	DK. GREEN	GRAY	MID GREEN	ORANGE	PURPLE	RED	YELLOW
1/8"	210000	210001	210002	210003	210004	210005	210006	210007	210008	210009
1/4"	220000	220001	220002	220003	220004	220005	220006	220007	220008	220009
3/8"	230000	230001	230002	230003	230004	230005	230006	230007	230008	230009
1/2"	240000	240001	240002	240003	240004	240005	240006	240007	240008	240009
3/4"	250000	250001	250002	250003	250004	250005	250006	250007	250008	250009
1"	260000	260001	260002	260003	260004	260005	260006	260007	260008	260009



#### **GREASE FITTING PROTECTORS**

OILSAFE Grease Fitting Protectors save you the cost of equipment failures related to contamination or misapplication.

Grease Fitting Protectors deliver a secure seal over most common grease fittings providing excellent protection against contamination. Furthermore, with 10 colors and space for labels the Grease Fitting Protectors clearly identify what grease is required for the fitting.

These innovative, patented products provide a number of benefits over traditional Zerk protectors, including:

- · Use as part of the fully integrated, color-coded visual fluid management system
- Available in 10 colors. Custom and pre-printed labels available, see pages 30-35.
- Recessed head for label placement
- Innovative design ensures easy removal from Zerk fitting even when wearing work gloves
- Durable industrial grade materials
- Available in various sizes and in pre-configured kit formats
- Makes grease fittings easy to find and Supplied in bags of 100





#### CLEAR PROTECTIVE LENS - PART # - 290999 Bags of 100

These lens fit securely into the top of Grease Fitting Protectors and ID Tabs providing a protective barrier above labels.

Beige		Blue		Gray		Orange		Red	
	Black		Dk Green		Mid Green		Purple		Yellow

BAG OF 100	BEIGE	BLACK	BLUE	DARK GREEN	GRAY	MID GREEN	ORANGE	PURPLE	RED	YELLOW
1/4"	291000	291001	291002	291003	291004	291005	291006	291007	291008	291009
13/32"	291100	291101	291102	291103	291104	291105	291106	291107	291108	291109
17/32"	291200	291201	291202	291203	291204	291205	291206	291207	291208	291209

#### **GREASE FITTING PROTECTOR KITS**

Enables you to dedicate a specific color to a specific grease.

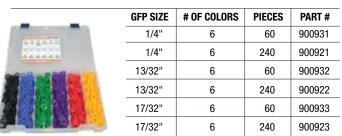
OILSAFE Grease Fitting Protector Kits come in 3 color kits consisting of; Blue, Purple and Red, as well as 6 color kits consisting of; Black, Blue, Mid Green, Purple, Red and Yellow. This enables you to dedicate a specific color to a specific grease. Grease Fitting Protectors also come in various sizes to suit most common grease fittings. **See charts below for part numbers and sizes.** 

#### **3 COLOR GREASE FITTING PROTECTOR KITS**

-	GFP SIZE	# OF COLORS	PIECES	PART #
The second second second	1/4"	3	60	900911
	1/4"	3	240	900901
	13/32"	3	60	900912
	13/32"	3	240	900902
	17/32"	3	60	900913
No. of Concession, Name	17/32"	3	240	900903

Footnote: Matching pre-printed Label Kits available. Page 33

#### **6 COLOR GREASE FITTING PROTECTOR KITS**



Footnote: Matching pre-printed Label Kits available. Page 33

### OilSafe<sup>®</sup>

### **Label Holders & Accessories**

Purpose-built industrial label holder accessories, ideal for everything from lubricant bulk storage through to fill point labeling.

#### LABEL LEASH

**PART #** 202001

A better, more secure fit when attaching Label Pockets to containers, machinery, piping and other fittings.

- Use individually or combine to create a longer leash
- Can be easily removed and reused
- Industrial grade



#### **POCKET FRAME LEASH**

**PART #** 202002

Designed specifically for keeping the OILSAFE Pocket Frame and the Label Pocket tight & secure.

This Industrial grade, reusable Leash is designed for securing OILSAFE Pocket Frames to items such as: OILSAFE colorcoded Drum Rings, OILSAFE ID Tabs and Grease Fitting Protectors.

- Attach Pocket Frames to containers, machinery, pipe and fittings
- Are for individual use only, i.e. DO NOT join with other leashes to make a longer leash
- Can be easily removed and reused





HIGH STRENGTH MAGNETS

**PART #** 203002

Affixes frame to bulk fluid barrel or other metal surfaces. High-strength, custom-built magnets fix label pockets and

color-coded label frames to bulk fluid barrels, totes, storage racks, machinery, equipment, or any other metal surface. This enables operators to find what they need when they need it, while ensuring no misapplication of fluids occurs.

- High strength, Industrial grade.
- Snaps securely into label frame.
- Custom-built.





#### SWIVEL ID TAB

**PART #** 205001

Enables the position of the ID Tab to be adjusted for improved visibility or access to the fill point.

The OILSAFE Swivel Joint ID Tab mates with any size OILSAFE Fill Point ID Washer and an ID Tab to provide durable color-coded identification and labeling at fill points.





#### SWIVEL POCKET FRAME

**PART #** 205002

Provides detailed identification information at the fill point.

The Swivel Joint enables easy adjustment of the Pocket Frame position for improved visibility or easier access to the fill point.





#### ID WASHER LABEL CLAMP

**PART #** 204001

Enables comprehensive data matching to machinery fill points.

ID Washer Label Clamp fits to OILSAFE colorcoded Fill Point ID Washer for comprehensive identification of equipment fill-points, air breathers, auto-lubers etc. Clamp in a Label Pocket and Label Pocket Frame, if desired.

- Snaps onto locating lug of OILSAFE ID Washer
- Accommodates Label Pockets and Frame
- Enables comprehensive information to be visible and accessible at the actual point of use







#### PART #

206000 – Removable 206001 – Bonded

#### LABEL WRAP

In addition to grease guns, Label Wraps can also be used on pipes, auto-lubricators, air breathers, spray cans, barrel pumps and other suitably sized cylindrical objects.

One of the greatest challenges in lubricating with grease guns is identifying what grease is inside the gun. The OILSAFE color-coded grease guns and clear grease guns are an excellent starting point; but when more information is needed the OILSAFE Label Wrap enables secure attachment of a label and protects the label from damage.

Clear and durable the Label Wrap uses a OILSAFE Label Pocket (page 36) to place and provide the first layer of protection for the label. In addition to grease guns, Label Wraps can also be used on pipes, autolubricators, air breathers, spray cans, barrel pumps and other suitably sized cylindrical objects.

OILSAFE Label Wrap is available in two styles. The **Removable** version clamps into place but can be easily removed for reasons such as cleaning the gun or changing the label. The **Bonded** version clamps on and is securely held in place by adhesive strips.

Once the grease gun is labeled with a Label Wrap simply match the label on the Grease Gun to the label on the cartridge or pail to make sure the right grease is loaded into the gun, then match the label on the gun to the label on the grease fitting to ensure that the right grease goes in the right equipment.

- Enable identification of Grease Gun contents
- Are clear and durable
- Come in two versions Removable & Bonded
- Can be applied to a variety of cylindrical objects



Label Pocket & Label



# OilSafe®

# **BULK STORAGE & HANDLING, ADAPTERS & DESICCANT BREATHERS**

<b>Modernize your Lubricant Storage &amp; Handling Practices</b> OILSAFE Bulk Systems are the most feature rich and highest quality lubricant storage and dispensing systems available.	44
System Types & Features	45
Lubrication Work Center, Advanced Bulk System, Lustor <sup>®</sup> Lubrication Storage Systems.	
System Type Detail & Models	46
Lubrication Work Centers and Advanced Bulk Systems.	
System Upgrade Options & Accessories	52
Bulk Storage Cabinet, Suction Hose Storage and more.	
Additional Storage & Bulk Handling Systems	54
Lustor <sup>®</sup> Lubrication Storage Systems, Satellite Lube Room, Filtration Units and more.	
Adapters & Desiccant Breathers	
Breather Adapter Kits, Colorized Quick Connects, Breathers and Modular Options.	



# **OILSAFE® STORAGE & HANDLING SOLUTIONS**

OILSAFE's best practice, lubrication reliability solutions contribute to **5S**, **LEAN** and **TPM** improvement initiatives, and assist with addressing OSHA Right-to-Know and other workplace safety and environmental compliance issues. Our innovative bulk storage & handling systems ensure the **5Rs** of lubrication (Right Product, Right Time, Right Place, Right Attitude, Right Amount) are satisfied between the lube room and the point of application.



**Traditional Method:** *Filthy, Disorganized, Unsafe, Wasteful and DESTRUCTIVE* 



Modern Method: Clean, Organized, Safe, Efficient, and RELIABLE

### **Storage System Overview**

Perfect for any workplace looking to instantly establish best practices by quickly ridding itself of antiquated bulk oil storage equipment and processes. OILSAFE Bulk Storage Systems will enable you to take immediate control over your lubrication workflow process and get your lubricant storage areas and practices clean, efficient and compliant.

Simply choose one of our standard or combined models and configure it to meet your specific workplace requirements.

#### Features & Benefits

- Clean, Safe and Professional storage and handling of bulk lubricants restores pride in the craft and drives workplace organization and efficiency
- Choice of 4 Aluminum Tank sizes; (30, 65, 120 and 240 gallons)
- Scalable and Configurable scale system to accommodate the number of lubricants required for storage and dispensing
- Choice of 10 Tank Colors & Custom Identification Labeling use colors and labels as part of a lubricant identification convention to ensure the right lubricant goes into the right transfer container and the right machine

- **Spill Control** all systems come standard with integrated spill pans for SPCC compliance and overall environmental protection
- Fire Safety includes MSHA accepted 811HT rated flame resistant fire suppression hoses as standard with auto-shut off tank isolation valves
- Filtration all systems come with fluid filtration capability with a choice of micron ratings and also desiccant air breathers
- Accommodate lubricants up to ISO 680
- All systems ship in fully assembled pods for efficient freight and rapid on-site installation
- **Transport** all systems have integrated spill transport pallets for easy forklift and hand truck access for freight and workplace mobility

### **System Types & Features**

# The OILSAFE Storage & Handling Systems can be configured or customized to suit your application and budget.

There is no limit to the different configurations possible with the OILSAFE Storage & Handling Systems. The systems are fully modular and interchangeable, therefore, if none of the solutions shown in this catalog meet your requirements, contact an OILSAFE representative to custom configure a system that meets your project requirements and specifications.

sales@oilsafe.com / +1 972.771.1000

Lubrication Work Center





Lustor<sup>®</sup> Lubrication Storage Systems



SYSTEM COMPARISON MATRIX			
FEATURES	LUBRICATION WORK CENTER	ADVANCED	LUSTOR
Pneumatic/Electric Powered	•	•	(Pneumatic Only)
Pressurized Dispensing from Taps	•	•	•
One pump, filter & suction tube per tank	•	•	(LST2310 & LST5310)
One pump, filter & drum adapter kit gray with transfer hose			(LST0310)
3 Way Filtration – fill, re-circulate, dispense	•	•	•
Electrical Protection – Circuit Breakers, Surge Protectors, Motor Overload Protection	•	•	
Push Button Emergency System Stop	•		
Independent Ergonomic Stainless Steel Dispensing Console	•		•
Integrated Parts & Tools Storage	•		
Optional Hose Reels	•	(Limited Configurations)	
Colorized Quick Connects in corresponding colors all tanks	•	•	
Custom Bulk ID Labels	•	•	(upgrade option)
Fire Safety Fusible Link		•	

### LUBRICATION WORK CENTER & ADVANCED BULK SYSTEM HIGHLIGHTS

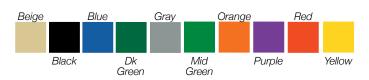
#### **GENERAL FEATURES**

- Top Mounted Level Gauges easy and safe viewing of tank fill level
- Retractable Cable Reel Grounding Kit & System Earth Lugs to mitigate static-electricity build up
- · Suitable for storing machinery lubricating oils and glycol based coolants
- Power systems come standard with 110V single phase TEFC motors and can be configured for other power supplies as required. Air pneumatic option available. (240V, 50/60 Hz, Pneumatic)

#### TANKS

Mix and match different tanks to meet your lubricant volume and identification requirements.

• Color-coded - choice of 10 colors for accurate lubricant identification



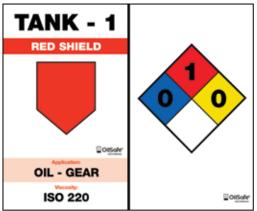
- 4 Standard Tank Sizes 30, 65, 120 & 240 gallons
- Heavy Duty Construction aluminum for long life; TGIC polyester powder

coated for additional durability

- Ships in pre-assembled modules that are ready out of the box for fast and easy on-site installation and implementation
- Integrated pallets are forklift and hand truck compatible, enabling easy transport into position, or moving to a new position if required
- Modular design accommodates highly efficient road or sea freight anywhere in the world
- Identification systems come standard with color-coded generic labels

#### **CUSTOM ID LABELING**

Fully integrated customized identification label upgrades are available upon request to assist with no mistake application, OSHA Right-To-Know Compliance and NFPA.



#### FLUID CLEANLINESS & CONTAMINATION CONTROL

Minimize lubricant contamination with:

- In-line Filtration 3 way in-line filtration filter every time you move the fluid fill, recirculate & dispense
- **Desiccant Breather** dedicated breather for each tank ensures cleanliness by removing airborne contaminants and moisture build up
- Dispense clean oil from color-coded auto shut-off dispensing taps to transfer containers with minimal spills
  - Optional Hose Reels for dispensing to transfer containers and carts (Lubrication Work Centers and Limited Advanced Bulk System Configurations.)
- Filling
  - Dedicated components each tank has its own pump, filter and suction tube with secure, clean colorized quick connects to eliminate cross contamination

#### COMPLIANCE

- Fire Safety all systems come standard with MSHA accepted 811HT rated hosing and include auto-shut off tank isolation valves for superior spill protection in the event of fire
- OSHA Right to Know color-coded and labeled tanks and taps ensure accurate fluid identification and handling
- EPA SPCC systems come standard with integrated spill containment transport pallets for EPA SPCC compliance
- Electrical Protection Lubrication Work Centers come with circuit breakers, surge protectors, motor overload protection, grounding kit & emergency shutdown for enhanced asset and personal protection

#### SPILL CONTROL

Multi-Tier Spill Control

- Spill Pallets integrated spill pallets ensure compliance with EPA SPCC legislation
- Drip Trays removable drip trays collect accidental drips and spills that may occur when dispensing into transfer containers. Made of stainless steel for durable long life and ease of cleaning

### **Quote Request**

Fill out form and give to your local representative or send to sales@oilsafe.com

Customer	Name	and	Contact	Information
GUSLUIIIGI	name	anu	oumati	momentum

Enter your preferred model part number or choose a system type for custom configuration.

Model Part # \_\_\_\_

\_\_\_\_\_ Or 🗌 Advanced System

Lubrication Work Center

How many lubricants do you need to store?

This will determine the number of tanks that you need \_ Complete the following table and questions

	SYSTEM R	<b>CUSTOMIZATION</b> (Lubrication Work Center Only)		
Tanks	Size (Gallons) (30, 65, 120 or 240)	Viscosity	Type of Fluid	Hose Reel (25')
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				

Max viscosity for all systems is ISO 680.

#### **Systems include:**

Enhanced Fire Protection and Fire Safety (standard) – All systems come standard with MSHA accepted 811HT rated hosing and include auto-shut off tank isolation valves.

**Custom ID - Labeling Package (standard) –** All systems come standard with ID Labeling to identify your lubricants.

Electric motors come with 110V or 240v single phase or pneumatic (standard) – If alternate required confirm:

Country the System will be used in \_\_\_\_\_

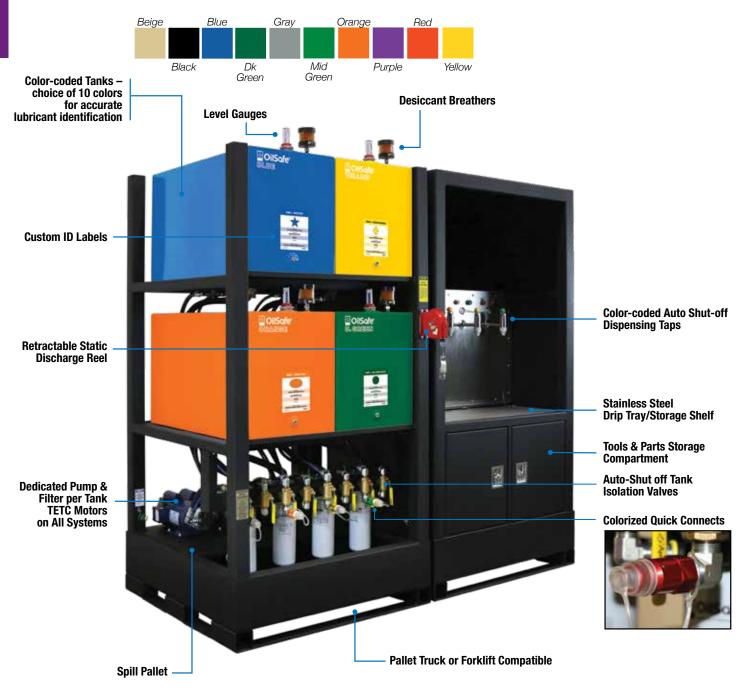
#### **Accessories**

Voltage	Hertz		
Storage Cabinet	Suction Hose Cart	Suction Hose Wall Mounted Rack	Overfill Alarm Audible & Flashing Light



### System Type Detail & Models Lubrication Work Center

The OILSAFE Lubrication Work Center is the best practice solution for storage and dispensing of lubricating oils and glycol based coolants in industrial facilities. **An instant Lube Room, this premium configuration incorporates best-in-class features.** 



SPECIFIC/	ATIONS								
SPCC Spill Containment	Pre-assembled	Taps	Pumps/ Filter Set	3-Way Filtration	Electrical Protection	Dispensing Console	High Viscosity Pumps	Fire Safety	Hose Reels
Yes	Yes	Pressurized	1 per Tank	Yes	Yes	Yes	Yes (standard)	Yes (standard)	Optional



### **Models** – Lubrication Work Centers

Select from the standard models below or contact your OILSAFE representative for a custom system quote.

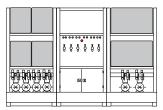
BULK STORAGE & HANDLING, ADAPTERS & BREATHERS

#### STANDARD MODELS:



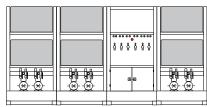
SIZE: 4 x 65 Gallon 92"(w) x 61"(d) x 88"(h)

#### PART #: 12W0420



**SIZE:** 4 x 65 Gallon x 2 x 120 Gallon 138"(w) x 46"(d) x 88"(h)

#### PART #: 13W0060



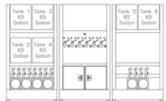
SIZE: 6 x 120 Gallon 184"(w) x 46"(d) x 88"(h)

#### 11111 1111 1111

PART #: 11W4200

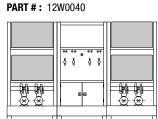
**SIZE:** 2 x 65 Gallon x 4 x 30 Gallon 92"(w) x 61"(d) x 88"(h)

#### PART #: 12W0600



SIZE: 6 x 65 Gallon

138"(w) x 46"(d) x 88"(h)



SIZE: 4 x 120 Gallon 138"(w) x 46"(d) x 88"(h)

<b>PART # :</b> 13	W0041		
		\$ \$ \$ \$ \$ \$	

**SIZE:** 4 x 120 Gallon x 1 x 240 Gallon 184"(w) x 46"(d) x 88"(h)

INCLUDED	UPGRADE OPTIONS
Custom ID Labels	Overfill Alarm - pg. 53
Fire Safety Upgrade	Additional Storage Cabinet - pg. 52
Colorized Quick Connects	Suction Wand Storage - pg. 52
	Hose Reel - pg. 53

MODULAR BULK DESIGN BEST PRACTICE CONTAMINATION CONTROL

### System Type Detail & Models Advanced Bulk System



<b>SPECIFIC</b>	ATIONS								
SPCC Spill Containment	Pre-assembled	Taps	Pumps/ Filter Set	3-Way Filtration	Electrical Protection	Dispensing Console	High Viscosity Pumps	Fire Safety	Hose Reels
Yes	Yes	Pressurized	1 per Tank	Yes	Yes	No	Yes (standard)	Yes (standard)	Optional - Limited Configurations



### Models – Advanced Bulk Systems

Select from the standard or combined models below or contact your OILSAFE representative for a custom system quote.

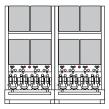
#### STANDARD MODELS:



**SIZE:** 4 x 65 Gallon 46"(w) x 61"(d) x 88"(h)

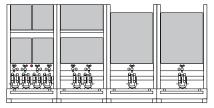
#### **COMBINED MODELS:**

PART #: 2A0800



SIZE: 8 x 65 Gallon 92"(w) x 61"(d) x 88"(h)

#### PART #: 4A0422



**SIZE:** 4 x 65 Gallon x 2 x 120 Gallon x 2 x 240 Gallon 184"(w) x 61"(d) x 88"(h)



PART #: 1A0020

SIZE: 2 x 120 Gallon 46"(w) x 61"(d) x 88"(h)



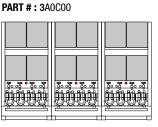


SIZE: 1 x 240 Gallon 46"(w) x 61"(d) x 88"(h)



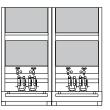


SIZE: 4 x 30 Gallon 46"(w) x 61"(d) x 88"(h)



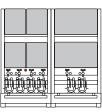
SIZE: 12 x 65 Gallon 138"(w) x 61"(d) x 88"(h)

PART # : 2A0040



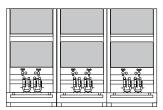
SIZE: 4 x 120 Gallon 92"(w) x 61"(d) x 88"(h)

PART # : 2A0420



**SIZE:** 4 x 65 Gallon x 2 x 120 Gallon 92"(w) x 61"(d) x 88"(h)

PART # : 3A0060



SIZE: 6 x 120 Gallon 138"(w) x 61"(d) x 88"(h)

INCLUDED	UPGRADE OPTIONS
Custom ID Labels	Overfill Alarm - pg. 53
Fire Safety Upgrade	Additional Storage Cabinet - pg. 52
Colorized Quick Connects	Suction Wand Storage - pg. 52
	Hose Reel - pg. 53

### OilSafe<sup>®</sup>

### **System Upgrade Options and Accessories**



#### **BULK STORAGE CABINET**

#### PART # 890150

The OILSAFE Bulk Storage Cabinet is designed to provide large capacity storage for lubrication tools and parts. The cabinet functions as either a standalone solution, or as a compliment to your OILSAFE Bulk Lubricant Storage System.

A rugged, workshop-ready solution, the OILSAFE Bulk Storage Cabinet enables immediate organization, storage and protection in one location for all of your lubrication reliability tools and shop floor products.

#### PART # 890151

Replaces bottom drawer with 76 gal spill pan.



#### **Features**

- Workplace Organization (5S)
- Cabinet Dimensions: 45" (w) x 45" (d) x 88" (h)
- Four Big Deep Shelves for bulk storage of containers, sorbents, grease guns, filters, oil analysis equipment and other fluid handling shop equipment
- Six Large Smooth Glide Drawers with removable parts trays for storage of fittings, tools, labels and parts
- Removable Plastic Parts Bins easily clip on and off internal racks to increase storage capacity and speed for small parts selection
- All Welded, High Quality Powder Coated Cabinet used as a standalone unit or can be easily adjoined with any OILSAFE Bulk Storage System
- Ships Fully Assembled and Ready-To-Use!

#### SUCTION HOSE STORAGE

After emptying drums, totes or pails, the suction hoses for the Advanced Systems and Lubrication Work Centers can be stored in the Mobile Hose Carts, on Wall Mounted Racks or if space permits on the side of your system with a Frame Mount Rack.

SUCTION HOSE STORAGE		
OPTIONS	PART #	
Mobile Suction Hose Drain Cart - 4 Hose	895004	
Mobile Suction Hose Drain Cart - 6 Hose	895006	
Mobile Suction Hose Drain Cart - 8 Hose	895008	
Mobile Suction Hose Drain Cart - 10 Hose	895010	
Mobile Suction Hose Drain Cart - 12 Hose	895012	
Wall Mount Suction Hose Rack - 4 Hose	895104	
Wall Mount Suction Hose Rack - 6 Hose	895106	
Wall Mount Suction Hose Rack - 8 Hose	895108	
Frame Mount Suction Hose Rack - 4 Hose	895204	
Frame Mount Suction Hose Rack - 6 Hose	895206	
Frame Mount Suction Hose Rack - 8 Hose	895208	



#### Wall Mounted Rack



**Mobile Hose Cart** 





#### TANK OVERFILL ALARMS

Direct Mount Tank Overfill Alarms fit easily to Tank Level Gauges and can be supplied with your system or retrofitted to an existing OILSAFE Bulk Storage System.

- Audible and Flashing Light
- Can be reset even while in alarm mode
- Powered by a 9 volt Lithium Battery (supplied with battery)
- Audible Alarm 110 DB will get your attention
- Test Switch allows you to test the battery before each use

OPTIONS	PART #
Direct Mount Overfill Alarm (Audible & Flashing Light)	897102



#### **BULK SYSTEM FILTERS**

β2000 Micro Glass anti-static filters are a premium filter that provides maximum dirt-holding capacity, and superior particle capture over paper filters.

Efficient operation with minimum pressure drop and high flow rate.

14.2" FILTER	PART #
14.2" Filter Element β2000 - 4μ	469962
14.2" Filter Element β2000 - 7μ	469964
14.2" Filter Element β2000 - 25μ	469966
14.2" Water Removal Filter Element $\beta 2000$ - $20\mu$	469968



#### Z-134 DESICCANT BREATHER -3.25" x 3.25"

One case (12) desiccant breathers.

Replace breather when orange gel turns green.

OPTIONS	PART #
Desiccant Breather - 3.25" x 3.25"	095Z134



#### HOSE REELS

PART # 8Z0225 - 25 ft Reel

Retractable Hose Reels with trigger operated dispensing nozzles. A 3/4" diameter hose in 25' lengths allows dispensing to lubricant carts or other large containers.

Available with Lubrication Work Centers and limited Advanced Bulk System Configurations.

#### **SPILL CONTAINMENT KIT**

**Increase Spill System Containment to be SPCC Compliant** 



SPILL CONTAINMENT CONNECTOR KIT	PART #
2 - Frame Connector Kit	821352
3 - Frame Connector Kit	821353
4 - Frame Connector Kit	821354
5 - Frame Connector Kit	821355
6 - Frame Connector Kit	821356

#### DIGITAL METERING GUN - PART # 821251



### OilSafe<sup>®</sup>

### **Additional Storage & Bulk Handling Systems**



#### LUSTOR® LUBRICATION STORAGE SYSTEMS

The proven storage and dispensing benefits you trust in cost-effective, compact and expandable units. These systems conveniently combine proper storage, filtration and identification to keep your workflow efficient and organized, keeping lubricants dry and contaminant-free before they enter your equipment.

Specially designed for individualized and expandable lube rooms. (For constricted space, 500 Liter Systems are stackable.)

Four different system configurations are offered to fit your application needs and requirements, these are:



SYSTEM CONFIGURATIONS	PART #
Wall Mount (no reservoir) for use with drum or tote	LST0310
65 Gallon (250 Liter)	LST2310
132 Gallon (500 Liter)	LST5310

Optional Upgrades/Add-ons:

- Custom Fluid ID Label Part #PA22008LU
- 3 um Filters LSTF3
- 20 um Filters LSTF20
- Pneumatic 5:1 Pump LSTPUMP5
- Double Spill Pallet LSTSCP
- Colorized Quick Connects (Part # see pg. 57)



#### SATELLITE LUBE ROOM

When your lubricants are subject to remote or extreme conditions and interior space is limited, OilSafe's Satellite Lube Room offers a stand-alone system with placement flexibility and state of the art features. This convenient storage protects the lubricants quality and lifespan by reducing handling errors and controlling its environment. Add a Lubrication Work Center, Tote Dispensing Rack, Portable Filtration Cart and more to complete your room.

SKID SIZE	PART #
Satellite Lube Room 20' Container - Basic	894820
Satellite Lube Room 40' Container - Basic	894840



#### **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 colorcoded/error-proof, flat face, zero-leak quick connects. Discover 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. Available in portable and stationary configurations.

SKID SIZE	PART #
PRO - Wall Mount Stationary Filtration Unit	957700 - PRO
BASIC - Wall Mount Stationary Filtration Unit	957700 - BASIC
PRO - Portable Filtration Cart	957780 - PRO
BASIC - Portable Filtration Cart	957780 - BASIC



NOTE: 55 Gallon Drum not included.



The OILSAFE 55 Gallon Drum Work Station delivers best practice contamination control for 55 Gallon Drums in a modular, ergonomic and space efficient form:

- Positive displacement Gear Pump (3-5GPM) with internal bypass
- 2-way filtration (discharge and re-circulate "kidney-loop")
- Comes standard with 7 $\mu$ ,  $\beta$ 2000 Spin on filter (4 $\mu$  and 25 $\mu$  also available)
- Desiccant Air Breather for Drum ventilation integrity
- Stainless Steel Dispensing Console with drip pan
- Electronic Stop/Start buttons
- Dedicated Stainless/PVC Suction Spear/Hose for Drum
- Hose Assembly with quick connects
- Delivered pre-assembled and ready-to-use
- Size: 14"(w) x 24"(d) x 65"(h)
- Drum can be placed on any standard Drum Deck/Spill Pallet for SPCC Spill Compliance if required

MOTOR	VISCOSITY RATING	PART #
TEFC 110V / 14A	≤ ISO 680	894500
TEFC 240V / 10A	≤ ISO 680	894520
Air	≤ ISO 680	OPTIONAL



#### **TOTE DISPENSING RACK**

The OILSAFE 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 (3-5GPM) with internal bypass
- Retractable Hose Dispensing Reel (25 feet) with Trigger Dispenser
- Comes standard with 7μ, β2000 HP Filter with DP Indicator (4μ and 25μ 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

MOTOR	VISCOSITY RATING	PART #
TEFC 110V / 14A	≤ ISO 680	894600
TEFC 240V / 10A	≤ ISO 680	894620
Air	≤ ISO 680	OPTIONAL

NOTE: Tote is for illustration purposes only and not included.



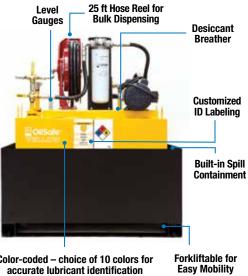
#### **USED OIL SKIDS**

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

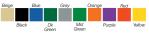
- $\frac{1}{2}$ " male quick connect for transferring the oils into the tank
- funnel for pouring oils in and draining out filter elements
- 4 leveling feet with forklift & pallet jack accessibility
- Identifiable white tank with a level indicator and 1-1/2" camlock access for bulk truck servicing

SKID SIZE	PART #
120 gallon Used Oil Skid	894400
240 gallon Used Oil Skid	894401

#### ¢ OilSafe®



Color-coded - choice of 10 colors for accurate lubricant identification





240 gal. Fluid Transfer Skid

#### **BULK FLUID TRANSFER SKIDS**

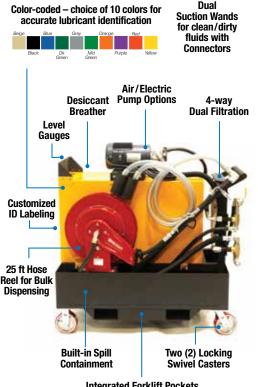
#### Mobilize your fluids by transferring them safely utilizing an OilSafe Transfer Skid.

- 4-way filtration (fill, dispense, kidney loop & offline filtration capable
- Available in two tank sizes (120 gal and 240 gal) •
- Built-in spill containment •
- Integrated fork lift pockets provides easy and safe mobility via lift truck or pallet jack •
- Pneumatic or Electric Pump options
- Standard 25µ Beta 2000 Spin-on-Filter for filling and dispensing •
- 25-ft Fluid Hose Reel •

•

- MSHA accepted 811HT rated flame resistant Fire Suppression Hose Assembly •
  - Desiccant Air Breather ensures cleanliness by removing airborne contaminants and moisture build up
- Delivered pre-assembled and ready-to-use •
- Available in OilSafe's 10 standard colors, and customized labeling for best in class fluid identification •

PART #	PRODUCT DESCRIPTION
894700	120 gal Fluid Transfer Skid
894701	240 gal Fluid Transfer Skid



**Integrated Forklift Pockets** for Easy Mobility

#### ADVANCED FLUID HANDLING CART

Maximize your equipment functionality with OilSafe's Advanced Fluid Handling Cart.

- Maximum functionality
  - Store fluids

•

- Bulk fluid transfer
- Off-line filtration
- 4-way Dual Filtration (4µ, 7µ, 25µ Beta 2000 filters available)
  - Filling
  - Recirculate / Kidney Loop
  - Dispense
  - Off-Line
- Quick connects provide clean, secure connections •
- 25-ft Hose Reel with high flow Dispensing Gun (Metering Gun upgrade available) •
- Built-in spill containment
- Integrated forklift pockets for safe and quick mobility •
- Air or Electric pump options available •
- Available in OilSafe's 10 standard colors, and customized labeling for best in class fluid identification

PART #	PRODUCT DESCRIPTION
894765	65 gal Advanced Fluid Handling Cart

#### **BREATHER ADAPTERS**

Adapter Kits are available in dark gray and configured with Colorized Quick Connects\* and are available in 10 OilSafe colors or silver, no Quick Connects or Iso-b Quick Connects. Adapter Kits allow breathers to be installed on any storage tank, drum, hydraulic fluid tank, reservoir or gearbox.

#### **DRUM ADAPTER KIT**

There's never been a cleaner, more effective way to store, filter and pump lubricants from a drum. The unique design ensures all fluid handling is managed through dedicated adapters.

#### HYDRAULIC RESERVOIR ADAPTER KIT

The aluminum adapters have quick connects in two sizes for pumping oil in and out, allowing the system to remain closed to the environment at all times.

#### **GEARBOX ADAPTER KIT**

Oil can be pumped in or out without opening the gearbox to atmosphere. Offline filtration, oil changes and sampling can be handled through the adapter.

#### DOMED FLANGE ADAPTER

#### PART # 095A114DG

Domed Flange Adapters provide a low profile yet rugged way to mount a 1" NPT desiccant breather to a hydraulic reservoir.

#### Adapter Kit Part # Configuration:

#### Adapter Styles

Adapter Styles	
Drum Adapter = 960 Hydraulic Reservoir / Gearbox Adapter = 9	Adapter = 961
+ Quick Connect Size (Only for Gearbox Ad	
$ \begin{array}{rcl} 1 &= 1" \\ 12 &= 1/2" \\ 34 &= 3/4" \end{array} $	
+ Quick Connect Colo	r
BG=BeigeBK=BlackBL=BlueDG=Dark GreenGY=GreyMG=Mid GreenOR=Orange	ISO = No Color (iso-b)
+ Quick Connect Type (Do not add if NQ pic	: cked for Quick Connect Color)
M = Male MF = Male & Fema	le
(EXAMPLE: 960BGM - I	Drum Adapter, Beige, Male)



#### **COLORIZED QUICK CONNECTS**

Offer a flexible, durable and safe hose interface for use with lubrication management equipment. Manufactured from anodized aluminum, then color-coded, these connects are specially designed to eliminate cross-contamination once and for all. They are available in 10 familiar OilSafe colors\* or silver to easily identify fluid contents and set the bar

1/2" MALE	1/2" FEMALE	3/4" MALE	3/4" FEMALE
PART #	PART #	PART #	PART #
M8 Orange	F8 Orange	M12 Orange	F12 Orange
M8 MidGreen	F8 MidGreen	M12 MidGreen	F12 MidGreen
M8 DrkGreen	F8 DrkGreen	M12 DrkGreen	F12 DrkGreen
M8 Blue	F8 Blue	M12 Blue	F12 Blue
M8 Purple	F8 Purple	M12 Purple	F12 Purple
M8 Red	F8 Red	M12 Red	F12 Red
M8 Beige	F8 Beige	M12 Beige	F12 Beige
M8 Black	F8 Black	M12 Black	F12 Black
M8 Gray	F8 Gray	M12 Gray	F12 Gray
M8 Yellow	F8 Yellow	M12 Yellow	F12 Yellow
M8 Silver	F8 Silver	M12 Silver	F12 Silver

with an error-proof/exclusive fit. Only two terminals of the same color can fully connect making cross-contamination impossible. Our OilSafe Quick Connects keep your machinery and fluids lasting longer while maintaining a safe work environment with precise and secure connections that eliminate leaks, spills and waste.

\*Colorized quick connects have been inspected to ensure anodized colors are within OilSafe color spectrum scope. Color and shade can vary on anodized components, this will not impact performance of product.

### **Desiccant Breathers and Modular Options**

Contact sales@airsentry.com / +1 972.771.1000 or visit airsentry.com to learn more about other models.

Air Sentry has set the standard for contamination control breathers since 1997, with state-of-the-art features that reduce particulate and moisture contamination. The breather lines integrate check valve technology and offer replacement cartridges, significantly reducing maintenance costs.

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.



#### Disposable and for Stationary Applications

- Storage Tanks
- Fluid Reservoirs
- Transformers
- 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. All D-Series models feature 2-micron solid particle filtration and are available with airflow ratings of 20 cfm. 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.
- Pumps
- Gearboxes

MODEL	HEIGHT	DIAMETER	MOUNTING Connection	SILICA GEL	MAXIMUM Adsorption Capacity	MAXIMUM AIR FLOW	MAXIMUM RESERVOIR FLUID FLOW	TYPE OF MEDIUM	PART #
D-103	8 in. 20.3 cm	5 in. 12.7 cm	1" MNPT	2.7 lbs 1.2 kg	16.56 fl oz 489 mL	20 cfm	150 gpm	100% Silica Gel	095D103



#### Limited Space Applications



DrumsTotes

- Small Oil
- Containers

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 won't fit without remote mounting.

	MODEL	HEIGHT	DIAMETER	MOUNTING Connection	SILICA GEL	MAXIMUM Adsorption Capacity	MAXIMUM AIR FLOW	MAXIMUM Reservoir Fluid Flow	TYPE OF MEDIUM	PART #
_	Z-134	3.25 in. 8.3 cm	3.25 in. 8.3 cm	1/2" FNPT	0.5 lbs 0.2 kg	3.06 fl oz 90 mL	5 cfm	37 gpm	100% Silica Gel	095Z134



#### High Humidity/High Dust Applications

- Paper Mills
- Wash-Down Areas
  - Steam-Cleaning
- RoomsMine Quarries

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.

MODEL	HEIGHT	DIAMETER	MOUNTING Connection	SILICA GEL	MAXIMUM Adsorption Capacity	MAXIMUM AIR FLOW	MAXIMUM RESERVOIR FLUID FLOW	TYPE OF Medium	PART #
X-102	10 in. 25.4 cm	5 in. 12.7 cm	1" slip fit	2.7 lbs 1.2 kg	16.56 fl oz 489 mL	20 cfm	150 gpm	100% Silica Gel	095X102



#### High Vibrations Applications

- Cranes
- Railroad Equipment
- Farm Implements
- Construction Vehicles
- Off-Boad Trucks

Most heavy equipment—productive and on the move—are outfitted with hydraulic fluid tanks or reservoirs that breathe in the dirty outside air. R-Series breathers are ideal for these high-vibration, mobile applications, including off-road, construction and farm vehicles. R-Series desiccant breathers easily mount in place of standard breather caps via rugged steel pipe threads and a reusable metal base. When the gold silica gel cartridge turns dark green, simply install a new replacement cartridge to keep things moving.

MODEL	HEIGHT	DIAMETER	MOUNTING Connection	SILICA GEL	SILICA GEL MAXIMUM ADSORPTION CAPACITY		MAXIMUM RESERVOIR FLUID FLOW	TYPE OF MEDIUM	PART #
R-102	9.5 in. 24.1 cm	5 in. 13.2 cm	1" MNPT	2.7 lbs 1.2 kg	16.56 fl oz 489 mL	25 cfm	187 gpm	100% Silica Gel	095R102



#### Extreme Environment Applications

- Wind Mills and
  - Turbines
- Mobile Equipment
- Mining Equipment

XR-Series breathers are designed to perform in any extreme environment where protection from dust, moisture and vibration is critical. These breathers include a metal reinforced base, available with male NPT threads to adapt to your equipment. The base is designed to handle the rigors of high-vibration applications. The top cap uses two check valves to prevent outside moisture and solid contaminants from entering the breather until there is a need for airflow. The modular design allows for economical replacement of the desiccant cartridge.

MODEL	HEIGHT	CHECK Valve PSI IN/OUT	DIAMETER	MOUNTING Connection	SILICA Gel	MAXIMUM Adsorption Capacity	MAXIMUM AIR FLOW			PART #
XR-102	11.5 in. 29.2 cm	5.2 in. 13.2 cm	5.2 in. 13.2 cm	1" MNPT	2.7 lbs 1.2 kg	16.56 fl oz 489 mL	25 cfm	187 gpm	100% Silica Gel	095XR102



GUARDIAN, Air Sentry's industry leading breather series, features 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,<sup>®</sup> 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.

MODEL	HEIGHT	DIAMETER	MOUNTING Connection	SILICA Gel	MAXIMUM Adsorption Capacity	MAXIMUM AIR FLOW	MAXIMUM RESERVOIR FLUID FLOW	TYPE OF Medium	ISOLATION Check Valve	COMPOUND INDICATING GAUGE	PART #
G5S1NC	9 in. 22.3 cm	5 in. 12.7 cm	1" slip fit	2.7 lbs 1.2 kg	16.56 fl oz 489 mL	25 cfm	187 gpm	100% Silica Gel	YES	YES	095G5S1NC

### **GUARDIAN MODULAR OPTIONS**



HIGH-CAPACITY AIR FILTER PART # 095GCAF

Can be used with a desiccant cartridge or as a standalone particle filter. Its 0.3-micron HEPA filter is 99.97% efficient. Ideal for extremely dirty/dusty environments.



MODULAR STACKABLE RING Part # 095GMSR

Stack cartridges to extend the life of breathers even further using the Modular Stack Ring™ This proprietary feature lengthens the GUARDIAN's service life, reducing cost and maintenance intervals.



SHIELD WASH-DOWN CAP Part # 095GSWDC

The cap acts as a barrier where equipment wash-down happens frequently. This prevents direct spray from opening check valves in the top cap.



INTEGRATED COMPOUND VACUUM/PRESSURE GAUGE Part # 095A655

This proprietary feature is a true-life accurate indicator of filter conditions.







# OilSafe<sup>®</sup>

### **STORAGE & HANDLING**

### 

Bring order to the workplace with these industrial quality fluid and equipment cabinets and mobile work centers.



### **Storage Cabinets and Heavy-Duty Mobile Work Centers**

Instantly organize your lubricant and equipment area with these high quality, workshop ready storage



WORK CENTERS ONLY AVAILABLE IN GRAY.

### HIGHLIGHTS

- Removable plastic parts bins easily clip on and off internal racks and increase storage capacity and speed for small parts selection
- Adjustable shelving options for storage flexibility •
- High quality door handle with lockable features for added security • - Medium Cabinet and Large Work Shop Cabinet include a stainless steel handle with key lock. Large Cabinet includes a cast handle in yellow with pad-lockable feature.
- All welded, high quality 14 gauge steel construction, suitable for storage of your top up lubricant containers and lubrication equipment in the shop. No code rating is required for this lubricant storage capacity and application.
- · Cabinets shipped fully assembled and ready to use
- Solid casters beneath swing out doors provide smooth door opening and • support under heavy loads. Casters and legs provide clearance for forklift access - Casters and legs only available on Large Storage Cabinet

CABINETS - SP	CABINETS - SPECIFICATIONS TABLE								
DESCRIPTION	WIDTH	DEPTH	HEIGHT	WEIGHT	SMALL BINS	DOOR TILT BINS	MEDIUM-LARGE BINS	SHELVES	PART #
Storage Cabinet <i>Medium</i>	36"	24"	72"	468 lbs.	48 - 4"x5"x3" 48 - 4"x7"x3"		6 - 16"x15"x7"	3 (Adjustable)	930005
Storage Cabinet <i>Large</i>	36"	36"	78"	617 lbs.		24 - 15"x5"x7"	12 - 8"x15"x7"	4 (3 Adjustable, 1 Welded)	930010
Work Shop Storage Cabinet <i>Large</i>	48"	24"	72"	617 lbs.	56 - 4"x5"x3" 8 - 6"x11"x5"		6 - 8"x15"x7" 2 -16"x15"x7"	2 (1 Adjustable, 1 Welded) & 12 - 17"x4" Door Shelves	930020

HEAVY-DUTY MOBILE WORK CENTER 48"w x 18"d x 38"h with drawers - PART # 930205 / without drawers - PART # 930200



#### **FLUID SAFETY CABINETS**

Ideal for fuels, solvents and lubricant storage. A perfect complement to your fluid management area.

FM Approved. Conforming to NFPA Fire Code No. 30, OSHA standards and with adjustable shelving that adjusts on 4" centers, this versatile range of cabinets can be modified to suit your current and future requirements.

#### **BUILT-IN QUALITY**

- Constructed of 16-gauge steel with reinforced double walls
- All-welded, reinforced double wall construction (with 1-1/2" of insulating air space to offer fire resistant protection)
- Leak proof 2" pan bottom prevents leakage from accidental spills
- · Heavy gauge galvanized steel shelves hold up to 350 lbs

#### **BUILT-IN SAFETY**

- Conforms to NFPA Fire Code No. 30 and OSHA standards. FM Singer Approved
- Doors include a flush-mounted handle with built-in key lock for added security
- **Self-closing safety doors** have fusible link that melts when ambient temperature reaches 160°, releasing the door latch allowing the doors to move to the closed position
- Grounding wire connections standard on all cabinets dissipate static electricity buildup
- Screened flame arrester vents on both sides of cabinet with 2" threaded fittings for external exhaust and with fire baffle and cap
- Large warning labels on every cabinet

#### **BUILT-IN EFFICIENCY**

- Shelves adjust on 4" centers to maximize storage versatility
- Four adjustable zinc plated leveling legs
- Other cabinet sizes and configurations available

FLUID SAFETY CABINET - SPECIFICATIONS TABLE								
DOOR TYPE	# SHELVES	CAPACITY	WIDTH	DEPTH	HEIGHT	WEIGHT	PART #	
Manual	1	30 gallon	43"	18"	44"	285 lbs.	930500	
Manual	2	45 gallon	43"	18"	65"	409 lbs.	930510	
Manual	2	60 gallon	34"	34"	65"	509 lbs.	930520	
Self Closing	1	30 gallon	43"	18"	45.375"	309 lbs.	930700	
Self Closing	2	45 gallon	43"	18"	66.375"	423 lbs.	930710	
Self Closing	2	60 gallon	34"	34"	66.375"	533 lbs.	930720	



# OilSafe<sup>®</sup>

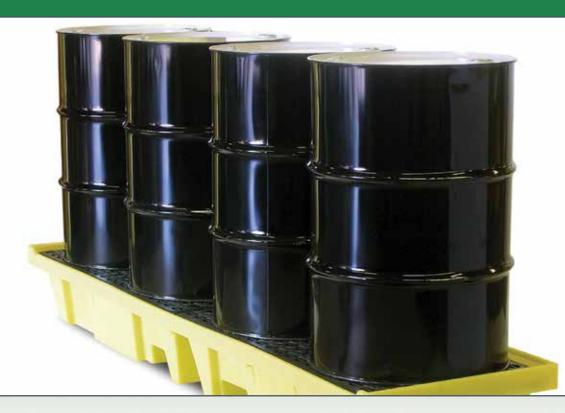
# **SPILL CONTROL**

### 

Designed with efficiency in mind, keep your employees and work environment safe from unexpected drum spills or leaks.

### **Spill Decks & Pallets**

Designed for workplace efficiency, keeps employees and work environments safe from unexpected drum spills or leaks.



#### **SPILL DECKS**

Eliminate the worry of incidental spills on your facility floor. Spill Decks are easy to load with a low profile design and optional ramp. Each Spill Deck is designed for stand alone use or can connect with other Spill Decks for a customized work area.

- Large sump capacity catches incidental spills
- Low-profile Spill Decks become part of your factory floor, optimizing space for increased safety and efficiency. Makes drum loading a snap.
- Tough, one-piece polyethylene construction will not rust or corrode
- Multi-Purpose Work Ramp hooks onto any Spill Deck for easy loading

- Heavy-duty removable structural foam grates for easy cleaning
- Rolled-edge design helps resist cracking & warpage

#### LINK LOCK FOR SPILL DECK



DIMENSIONS	WEIGHT	PART #
9.5"   x 7" w x 3.5" h 24 cm x 18 cm x 9 cm	4 lbs.	450520

**RAMP - 6"** 



PART # 450555

For easier loading, just hook this Ramp onto any of our Spill Decks. Small enough to stay out of your way.

Dimensions: 25.38" | x 46" w x 6.13" h

SPILL DECK	DIMENSIONS	WEIGHT	HANDLING CAPACITY	SUMP CAPACITY	REGULATIONS	PART #
2 Drum	53" l x 28.5" w x 5.63" h 134.62 cm x 72.39 cm x 14.29 cm	38.2 lbs. / 17.3 kg	2400 lbs. / 1089 kg	22 gal. / 83.2 liters	EPA, SPCC and NPDES	450512
4 Drum	52.5" I x 53" w x 6" h 133 cm x 135 cm x 15 cm	70.5 lbs. / 32 kg	6000 lbs. / 2722 kg	41 gal. / 151.4 liters	EPA, SPCC and NPDES	450514
6 Drum	77"   x 53" w x 6" h 195.58 cm x 134.62 cm x 15.25 cm	101.6 lbs. / 46 kg	7000 lbs. / 3175 kg	61 gal. / 230.9 liters	EPA 40 CFR 264.175 SPCC and NPDES	450516
8 Drum	100" I x 53.25" w x 6" h 254 cm x 135 cm x 15 cm	173 lbs. / 78.5 kg	8000 lbs. / 3628.7 kg	77 gal. / 291.4 liters	EPA, SPCC and NPDES	450518

### OilSafe<sup>®</sup>

#### SPILL PALLETS

#### These secondary containment systems are engineered to meet the rigors of today's regulatory environment.

Raised edges on back and sides helps orient barrels on the pallet. Made from 100% polyethylene, these Spill Pallets provide excellent chemical resistance. All units are forkliftable and have removable grates for easy cleaning. Includes drain and plug.



#### **IBC SPILL PALLET & IBC SPILL PALLET TARP**

#### Intermediate Bulk Containment made easy.

This IBC Spill Pallet gives intermediate bulk container users more versatile spill containment. It fits more than 99% of all IBC dispensing units and features a large sump capacity of 385 gallons, exceeding EPA regulations! This unit also has an integrated 5 gallon pail holder for quick and easy dispensing. Optional drain with plug available.

- Forkliftable & Nestable for convenient shipment and storage
- 100% polyethylene construction will not rust or corrode or have adverse reactions with chemicals

#### IBC SPILL PALLET TARP - PART # 450507

Tarp includes; fold up work area, document pouch, side pouches for weights to keep tarp down in heavy winds, and adjustable cinch bungies in 4 corners.



Typical installations for IBC tank.

Tarp - IBC Spill Pallet PART # 450507

SPILL PALLET	DIMENSIONS	WEIGHT	HANDLING CAPACITY	SUMP CAPACITY	REGULATIONS	PART #
2 Drum	54" l x 29" w x 16.5" h 137.16 cm x 73.66 cm x 41.91 cm	55.5 lbs. / 25.1 kg	2,000 lbs (907 kg)	58 gal. / 219.5 liters	EPA 40 CFR 264.175 SPCC and NPDES	450612
4 Drum - In Line Low Profile	98.25"   x 25.25" w x 12" h 249.56 cm x 64.14 cm x 30.48 cm	83.7 lbs. / 37.9 kg	3,000 lbs (1361 kg)	66 gal / 249.8 liters	EPA 40 CFR 264.175 SPCC and NPDES	450614-IL
4 Drum - Square Low Profile	54" I x 54" w x 12" h 137 cm x 137 cm x 430 cm	91 lbs. / 41.4 kg	6,000 lbs (2721.5 kg)	66 gal. / 249.8 liters	EPA 40 CFR 264.175 SPCC and NPDES	450614-LP
IBC Spill Pallet	73" I x 80.5" w x 29.5" h 185 cm x 204 cm x 75 cm	308 lbs. / 140 kg	8,000 lbs (3629 kg)	385 gal. / 1457 liters	EPA 40 CFR 264.175 SPCC, NPDES and UFC	450503

#### RAMP - 12"



#### **PART #** 450315

Designed for 12" high spill pallets.Ribbed, non-skid surface for

- safe walking
- 10° ramp slope
- 100% polyethylene construction
- Dimensions: 68" | x 30.75" w x 12.5" h

#### **RAMP EXTENDER**

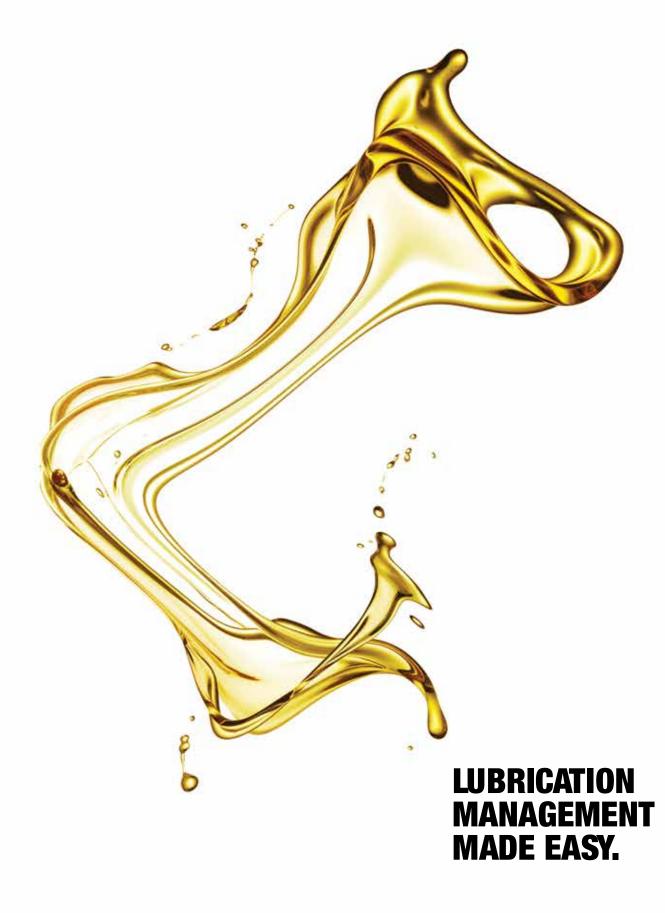


PART # 450316

Works with Ramp - 12" to accommodate 17" high pallets.

• Dimensions: 29.5" | x 8.5" w x 5.5" h







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100101	Storage Lid - Black	9	102304	Premium Pump - Gray	10
100102	Storage Lid - Blue	9	102305	Premium Pump - Mid Green	10
100103	Storage Lid - Dark Green	9	102306	Premium Pump - Orange	10
100104	Storage Lid - Gray	9	102307	Premium Pump - Purple	10
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