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Modern industry is placing higher demands on lubricants to maintain optimum reliability and operating levels of complex plant, machinery and equipment.

To meet these demands, today's high-performance lubricants are sophisticated and consequently expensive, but no less prone to deterioration and loss through spills and wastage.

Maintenance professionals are now taking a proactive approach to the storage, handling and dispensing of all types of oils. Lubricants should be considered as an expensive asset that must be carefully managed if they are to provide the necessary protection.

Consequently, many past practices in the way lubricants are stored, handled and dispensed in the work place need to change to ensure maximum particulate cleanliness.

Another aspect of modern industry is our acute awareness of environmental, health and safety issues. The impact of pollution cannot be underestimated... only 5 liters of oil is enough to form a colorful film over a small lake.

Traditional lubricant storage and dispensing containers have long been a weak link in lubricant integrity; but Oil Safe® has now recognized the criticality of preventing contamination and spillage with the introduction of these specially designed and manufactured range of oil storage and dispensing containers.

Introducing Oil Safe®

All industrial environments place particular demands on plant, machinery, equipment, lubricants and lubrication techniques. Oil is frequently topped up or replaced on site under the harshest of conditions and where the potential for contamination from dust, dirt and water is the greatest. Use of traditional open topped containers such as metal oil cans, jugs, buckets and even old watering cans affords little or no protection to the lubricant from air borne contaminants, resulting in costly downtime and bearing changes.

The Oil Safe® range of lubrication storage and dispensing tools, on the other hand, provides an innovative solution which protects the lubricant from contamination, and at the same time makes the task of lubrication easier, faster and safer. Easy to handle, the interchangeable system of lids, drums and pump means that the correct tool is always available at any time. The size and design of the Oil Safe® range minimizes the risk of contamination or the potential for spills and accidents which can occur when using traditional containers, especially where heavy lifting and awkward pouring is often par for the course.

The Oil Safe® range of products are designed to last, even in the most hostile of environments. Made from High Density Polyethylene, Oil Safe® will provide years of service with its UV Stabilized structure and anti static additives.

Thank you for taking the time to assess the merits of Oil Safe® products for your operation.

Orders, further information and product demonstrations can be arranged via your local dealer.

The unique Lubricant Storage and Dispensing System



Major Advantages Include:

- Elimination of spillage, easier to fill and dispense.
- Drastically reduces the risk of external contamination.
- Color coded container caps avoids miss-application of grade.
- Easy and convenient to use.
- Highly cost-effective, reduces wastage, cuts costs.
- See-through, graduated container makes fluid levels easy to see and control.
- High-volume down stroke discharge pump.
- Unique shut off valve virtually eliminates any possibility of spilling while dispensing.
- Reduces the risk of skin contact.
- Range of spouts, hoses and nozzles allows easy filling to awkward access points.
- Compliant with manual handling regulations (reduces the need to move heavy bulk containers).
- All containers, caps and pumps are interchangeable.
- Robust and ultra-violet stabilized.
- Unconditional 12 month guarantee.

Why use Oil Safe[®]?

It cuts operating costs by:

- Preventing contamination of lubricants.
- Reducing machine downtime.
- Reducing risk of spillage and accidents.
- Promoting improved lubricant housekeeping and handling.
- Allowing easier filling and dispensing.
- Reducing wastage.
- Eliminating the risk of misapplication of grades.



Who Should Buy Oil Safe[®]?

Anyone who uses lubricating oils in:

- Oil & gas exploration and production
- Automotive engineering
- Aviation maintenance
- Marine engineering
- Brewing and food processing industries
- Manufacturing industries
- Road & rail transportation
- Aerospace and military applications
- Power generation & utilities
- Motor sport
- Pulp & paper mills
- Mining
- Construction
- Agriculture
- Petrochemicals and refining
- Plant and equipment maintenance
- General engineering



Oil Cans with Spout Valve



Storage Containers



Utility Cans



Optional Pump

The Lubricant System that makes Plant and Machine Lubrication easier, faster, cleaner

The Oil Safe® Container system is specially designed and manufactured for use in virtually all industry sectors; including oil rigs and platforms; automotive and mechanical workshops; industrial plants; mines; factories; road; rail; air and sea transportation; farms; even in the home garage.

Thanks to Oil Safe's unique design, the problems of machine damage or premature failure caused by accidental or unnoticed contamination of lubricating oils and fluids are virtually eliminated.

What's more, the containers and caps, which make up the Oil Safe® systems are completely interchangeable. It's a way to ensure that the system is more versatile and more useful in more applications.

The importance of contamination-free lubrication

Extract from a testimonial by Mr. Heinz P. Boch, Process Machinery Consulting, Montgomery, Texas.

"Each year, over 90% of rolling element bearings worldwide fail long before reaching their design life expectancy. A significant number of these premature failures are attributable to lube oil contamination."

Key features

- Saves time and money.
- Prevents spills and wastage.
- Improves your lubrication procedures.
- Protects your valuable investment in lubricants and machinery .
- Wide container / drum opening allows rapid, no-spill filling.
- Flexible - All lids fit all containers and accessories.
- All components are totally rust-free and UV resistant.
- Push-pull pouring spout allows accurate, no-spill dispensing.
- All components are manufactured from highest grade, high density polyethylene's to ensure long term indoor and outdoor durability.
- 'See-thru' graduated containers make fluids easy to monitor control.

Safety Warning: Not suitable for use with Fuels or solvents.

Conventional Oil Cans

- Traditionally, lubricants have been stored in and dispensed from open metal containers.
- Metal cans will inevitably corrode; the rust particles will contaminate the oil, leading to almost certain machine damage.
- Open containers attract condensation, humidity, dust, dirt and other unnoticed airborne contaminants.
- This absence of dedicated containers frequently leads to containers being used for different grades of oil, dirty oil or even worse other applications such as anti-freeze, water, solvents or other such chemicals. . . all potential contaminants.
- Similarly, the absence of clear labeling on conventional containers will invariably also lead to this type of cross contamination or even worse, the wrong grade of lubricant being dispensed.



Environmental and Safety Issues

- Open cans are easily knocked over, leading to spillage and the subsequent risk of slips.
- Many traditional cans are difficult to fill from larger storage containers, again leading to the risk of spills.
- Similarly, these cans are often not designed for ease of pouring, especially in confined machinery spaces or where the filler is small or awkward to reach.
- Spillages in these circumstances can involve considerable clean ups and could lead to pollution and accidents.
- Even if your existing oil containers do have lids, many are not designed to keep contaminants out.

A Fully Interchangeable Lubrication System.

“One lid fits all drums. One drum fits all lids”



Stumpy Spout Lid

Ideal for topping up engines, gearboxes, crankcases and other applications where higher flow is required.



Stretch Spout Lid

Ideal for use with lower viscosity oils (ie. < ISO220) or where precise pouring is required. Some applications include air compressors, pumps, chainsaws, lawn mowers, small engines, motor cycles and hydraulic systems.



Storage Lid

This compact and durable lid allows pre-filled drums to be easily transported and left where and when required; whether in the workshop, in the plant, or in the back of the vehicle. A convenient alternative to the manual handling of 20 litre drums.



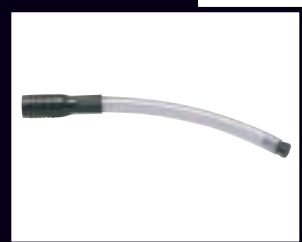
Utility Lid

This multi-purpose lid allows for rapid pouring of oils, making it ideal for topping up machinery such as crankcases or large engine blocks. Fitting an Oil Safe[®] Pump to the Utility Lid will allow oil to be pumped out of 3 or 5 litre / US Quart Oil Safe[®] Drums.



Oil Safe Pump

Ideal for those awkward and hard to reach oil top up applications such as motor cycles, gearboxes, lathes and milling machines. Supplied with outlet hose and anti-drip nozzle. Simply fit the pump to an Oil Safe[®] Utility Lid and mate with a 3 or 5 litre / US Quart Oil Safe[®] Drum.



Stretch Spout Hose Extension

Fitting a Spout Hose Extension to the Stretch Spout Valve will enable controlled pouring into awkward, small or hard to reach places. The hose can be pulled from the fitting and cut to length as required.



Drums - 2, 3, 5 or 10 litre / US Quarts

These robust and durable drums feature a wide opening for rapid, no-spill filling, easy cleaning and will fit any Oil Safe[®] lid. Mix and match lids and drums to suit your applications or budget.



Why Professionals Choose Oil Safe®

- Industrial-grade heat, chemical & contamination resistant with UV stabilizers and anti-static additives. Oil Safe® Products work indoors or out doors, in the harshest of environments, all year round.
- Large carry handle which doubles up as a hook so Oil Safe® containers can be hung out of the way.
- Spout Valve regulates oil flow & mitigates oil contamination due to rain, dirt & dust entering through open spouts.
- Large 4.80" drum opening, means less spillage and easy filling from 205L (44 Gallon) drums or IBC's.
- Convoluted drum profile & large inlet hole allows for an easy grip when filling.
- See-through graduated drums make liquid levels easy to see and measure.
- Bright colors mean Oil Safe® is easily located when needed.
- Unique design means one lid style fits all drums and one drum fits all lid styles. Make up any combination of lids and drums to suit your needs.

Product Testimonials

Hydrocarbon Processing Magazine

"Each year, over 90% of the literally millions of rolling element bearings used world wide, fail long before reaching their design life expectancy. A significant number of these premature failures are attributable to lube oil contamination. In addition, root cause failure analysis has repeatedly shown that this contamination is very often caused by flawed industrial lubrication tools".

An editorial by H.P.Bloch, Process Machinery Consulting, Montgomery, Texas, USA

Process Machinery Consulting (Heinz Bloch)

"Your company has undoubtedly succeeded in developing... the most sensible lubricant transfer and small-equipment servicing tools available in today's market place."

BHP (T. Rowlands, Principal Engineer Hydraulics and Lubrication)

"... they will revolutionise our plant lubrication regimes and save BHP a significant amount of money..."

United Distillers & Vintners (Alan Cuthbert, Asset Performance Facilitator)

"...I have reduced the oil refill time of gearboxes on packaging machinery from 1 hour to 10 minutes."

Riveria Marine (Int.) Pty Ltd. (Chris Attard, Engineering)

"... the Oil Safe range of products should be high on the list of purchases for any marine vessel owner."

BP Chemicals (Farooq Khan, Reliability Engineer)

"We... have reduced lube related failures from 32/year to 8/year in two years time."

CPI Pacific (Phil Dunseath, General Manager)

"I... would have no hesitation in endorsing these products to anyone seeking to deliver uncontaminated lubricant to the point of use."

Kim Britton Kawasaki (Kim Britton, General Manager)

"In my opinion Oil Safe products are far superior in design to anything we have used previously."

Technical Information

An excellent choice of HDPE materials has been used in the fabrication of the Oil Safe[®] lubricant storage and dispensing system. The materials have been selected for their superb physical and mechanical properties, including impact strength and chemical resistance.

State-of-the-art UV radiation stabilizers and anti-static agents have been incorporated to protect Oil Safe[®] from the ravages of UV degradation and the accumulation of static electricity, resulting in a product which will perform well under even the harshest of environmental conditions.

Technical Data

2 Liter /2 U.S. Quart Drum		
	Metric	Imperial
Neck Diameter	120mm	4.80in
Base Diameter	165mm	6.60in
Height	220mm	8.80in
Weight (empty)	398 grams	13.93oz

3 Liter /3 U.S. Quart Drum		
	Metric	Imperial
Neck Diameter	120mm	4.80in
Base Diameter	170mm	6.80in
Height	265mm	10.60in
Weight (empty)	444 grams	15.54oz

5 Liter /5 U.S. Quart Drum		
	Metric	Imperial
Neck Diameter	120mm	4.80in
Base Diameter	175mm	7.00in
Height	275mm	11.00in
Weight (empty)	635 grams	22.23oz

Storage Lid	Metric	Imperial
Neck Diameter	146mm	5.84in
Height	105mm	4.20in
Weight (empty)	240 grams	8.40oz

Dispensing Lid	Metric	Imperial
Neck Diameter	146mm	5.84in
Height	156mm	6.24in
Weight (empty)	378 grams	13.23oz

Utility Lid	Metric	Imperial
Neck Diameter	146mm	5.84in
Height	119mm	4.76in
Weight (empty)	240 grams	8.40oz

Sealing Components

Nitrile 'O' rings (Buna N) N7 70
Durometer

Service Temperature Range

-40°C to 80°C -104°F to 176°F

Chemical Resistance

High Density Polyethylene (HDPE) is a very chemically resistant plastic, however, contact with strong oxidizing substances (eg. Ozone, Hydrogen Peroxide, Halogen etc.) should be avoided.

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