

iCan™ Fluid Transfer System

Identify - Store - Pour



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Identify - Store - Pour



iCan™ Fluid Transfer System
can eliminate common lubricant
transfer and storage problems.

- Easy to Use
- Safe & Quick to dispense
- Value for money
- Proven in the HARSH
Australian mining conditions

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About the iCan™ Fluid Transfer System

iCan™ Fluid Transfer System can eliminate common lubrication storage and transfer problems.

- Easy to use,
- Safe & Quick to dispense fluids
- A valuable tool in many diverse industries where oil cleanliness is important
- Proven in the HARSH Australian mining conditions

Resellers love the iCan™ Fluid Transfer System as the range is simple and easy to use and has significantly less SKU or line items compared to similar systems on the market.

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About The Company

iCan™ was developed in **2006** by ISG Ltd China as a collaboration with product design and technical engineers after surveying end users in the lubrication fluid handling industry in North America, Asia and Australia.

2011 the "iCan™" and "Intelligent Can" brands was purchased by the current owner to further develop the product range and expand sales organically across the globe.

All manufacturing and production was relocated from China to Indonesia. In fact, 97% of all raw materials are directly sourced and produced in Indonesia.

iCan™ Group Ltd is a family owned business with offices in Hong Kong and Indonesia.

All of our staff are Indonesian nationals. They have proven to be committed, reliable and diligent members of the team.

We are proud of our teams' collective and personal growth with their skills and attention to detail.

They have been working hard to further develop our product design and quality control programs, with a heavy focus on safety in the workplace.

We are excited about where we've been and where we are going, we are going to keep focusing on product quality and expanding the market. We plan to continue to grow and scale our operation to leave a lasting legacy for our employees and their families.

Introduction

iCan™ Group Ltd is the manufacturer of iCan™ The Intelligent Can, Fluid transfer system

iCan™ Fluid Transfer System has been a leading fluid handling system in Australia for several years.

iCan™ Fluid Transfer System is designed to :

- Complement and enhance current lubrication management systems
- Provide a tool that simply delivers the most value for the money.



The Facts

Contamination of lubricants is a leading cause of machinery failure by directly impairing the lubricants ability to control friction, wear and corrosion. Leads to premature wear, failure and increase operational cost.

Open top containers are not only a primary point for contamination but also a significant factor in work-place spills and accidents, causing loss of valuable lubricants, increased manpower and expensive cleanups.

By avoiding contamination of lubricants before it's introduced into a machine and also by increasing productivity by making oil refills more efficient; lubricant related failures could be reduced if not entirely eliminated.

"After all, how practical is it to go to the extra expense to deliver a clean, high-quality lubricant when this integrity is subsequently adulterated by careless handling and storage practices."

*Jim Fitch, Publisher and Editor, Machinery Lubrication Magazine
Excerpt from "Lubricant Quality and the Chain of Custody"
Machinery Lubrication Jan/Feb 2005*



Lubricant Problems

The most common issue we see is problems with lube dispensing. We have found that color-coding lubricants has helped a lot.

Check with your supplier to see if they are already color-coding their labels. Markings should be applied to the lube storage containers, the dispensing points, the dispensing containers, and the fill points.

There are commercial solutions for labeling and colour coding lube systems but you can also create your own system using good quality printing labels, self-adhesive colored vinyl, and ties.

Article Resource:

http://www.sirfrt.com.au/wikis/imrt/index.php/Foundations_for_a_Good_Lube_Management_Program

Lubricant labeling is one aspect of storage and handling that is often overlooked. Labeling is just as critical as periodic filtration and without proper labeling it is very easy for lubricant cross contamination to occur.

Lubricant cross contamination is a result of mixing two lubricants together and can yield a devastating result. This happens more often in dispensing equipment rather than the bulk storage equipment. A labeling system can be a simple concept but can prove to be difficult to implement and maintain.

Decide how to label each corresponding lubricant from bulk storage to the equipment it will be used in. It can be a color-coded system, an alphanumeric code system that depicts important performance data about the lubricant, or a combination of both.

Any labeling system can efficiently ensure the right lubricant is used at the right location and prevent cross contamination, but in order to do this, the labeling system must be kept consistent and up to date with current lubricants that are in use and being stored.

Resource :

<http://www.machinerylubrication.com/Read/28429/improve-lubricant-storage>

Many companies offer tools and equipment for lubricant and fluids handling. However, most of those products require additional items to be purchased to get a functional system. iCan™ Fluid Handling System has greatly reduced SKU's and is a system that is complete right out of the box.



iBand is a simple solution

Colour coding lids & containers

*Available in 10 vibrant colours

*Designed to be all lids & containers



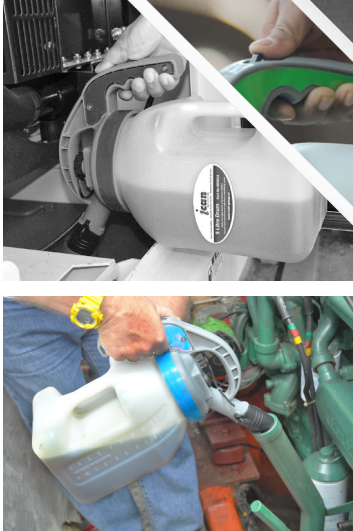
iCan™ Fluid Transfer System simple but highly effective labelling system is easy to implement, covers the 10 common lubricant colour and can be easily alpha or numeric system



Identify - Store - Pour

Simple on / off button vent.

- The iCan™ simple on/off switch provides a smooth flow of lubricants when pouring.
- Our system has added safety against costly spills when the unit is in the off position.
- Reduces operator fatigue and potential RSI accidents.



iCan™ is a better way to get the job done

iCan™ Fluid Transfer System can eliminate common lubricant transfer and storage problems.

- Easy to use
- Well-built system that is reliable and saves money by preventing spills
- Accurately identify fluids
- Dispense easier, safer, and faster

Lubricant Dispensing Equipment Identification



Resource :
<http://www.machinerylubrication.com/Read/52/lubricant-storage-handling>

Lubricant dispensing equipment often lies at the root of cross contamination problems. By dispensing oil through equipment that was previously used with a different lubricant, the two fluids mix, potentially causing lubrication impairment.

Cross contamination is also the trigger, reducing the effectiveness of oil analysis efforts. Equipment such as transport containers, hand pumps, and transfer and filter carts should be labeled to match the lubricant you are using with it.

When mixing is unavoidable, always verify compatibility in advance with your lubricant supplier. We suggest extending the identification process to the machine's lubricant fill ports.

Using identification tags or color-codes helps ensure that the proper lubricant is added to the reservoir. If dispensing equipment must be used for a variety of lubricants, employ a proper cleaning or flushing procedure to ensure the removal of all the previous lubricants and other contaminations to minimize risk.

Accurately Identify Fluids

Identify - Store - Pour



The U.S. Occupational Safety & Health Administration (OSHA) is tasked with ensuring the safety and health of American workers by setting and enforcing workplace safety standards.

During 2004, The Hazard Communication Standard (HCS) was the second most commonly cited OSHA standard. One of the main goals of OSHA's Hazardous Communication Standard is to ensure that all industrial fluids are properly identified and labeled. iCan™ Fluid Transfer System is the only container system in the world that was designed with identification foremost in mind.

By utilizing innovative iTags and iBand users have the ability to color code both iCan™ containers and lids using iTags & iBand to clearly identify using the colour coding system. You can choose between pre-cut, colored iTags and iBand (in 10 different colors) that can be written on, or blank iTags

The simple systems gives you the ability to clearly and accurately label the contents of your iCan™ containers.

Prevent Spills



From a safety perspective, the iCan™ Fluid Transfer System just makes complete sense.

Dispense fluids **Easier, Safer and Faster**, while promoting a cleaner more organized workplace environment.

The unique quick fill port can be utilized as a closed loop refill system, further reducing the instances of costly contamination and preventing the need to remove the lid for refilling and potential spills.

iCan™ Fluid Transfer System is made from premium grade, food safe HDPE with enhanced additives for anti static and UV stabilization. It offers further protection for your expensive synthetic lubricants and equipment life.



Carry Safety Data Sheets With iCan™ Containers

Clear, industrial grade adhesive-backed, zip top iPouches adhere to the large flat panel on an iCan™ Container for safe storage of the containers contents, MSDS sheets and further colour coding by the iTag system.

Promote a cleaner and more organized workspace

Identify - Store - Pour

iCan™ products are not just ideal for keeping fluids clean and saving costly lubricants from contamination. They are also perfect for maintaining a clean, well-organized workplace.

Introducing the iCan™ Fluid Transfer System into your workplace will save you time and money.

- Greatly reduce cross contamination of fluids
- Keep the fluid contents safe from environmental contamination that is present in all workshops.
- Promote a cleaner more organized area.
- Accurately identify fluid contents
- Reduce spills and avoidable accidents in transportation and in the dispensing process

Employees and customers will appreciate a cleaner environment.

iCan™ products a way to make your workplace cleaner, safer, and more organized.

An effective proactive maintenance program mandates effective storage and delivery of lubricants. Protecting your lubricants, and ultimately your equipment, from the harmful effects of contamination and lubricant degradation begins with proper in-plant storage.

To ensure suitable storage of lubricants, containers should be stored indoors in a dry location where temperatures remain moderate at all times.

Clearly identify lubricants and machine application to avoid confusion and the misapplication of products. Also, be sure that your transfer procedures are properly implemented all lubricants.

These simple steps can substantially impact the useful life of your lubricants and your equipment.

Ref: Wills, George, Lubrication Fundamentals, Marcel Dekker, Inc., 1980.



*It's time to Clean Up Your Act,
It's time for iCan™*

The Benefits of iCan™

Identify - Store - Pour

On / Off Button

Reduce operator fatigue

Large Carrying Handles

safe and easy way to carry iCan™ Containers

Quick Refill Port

25 mm Wide opening with cap allows containers to be refilled without removing entire lid.
Add a quick coupling for a closed loop refill

Made from HPDE high impact plastic with UV stabilizers and Anti Static to ensure long life. Proven in HARSH Australian Mining Condition

Deliver clean,

contaminants free
lubricants where need

Light weight high grade aluminium.

Will not rust

Innovative Color Coding

and labeling systems improves fluid identification and minimizes the risk of topping off equipment with the wrong fluid, and causing cross-contaminant

Dual start thread enables the container handle to position for a right or left handed user. Making the graduated measuring scale highly visible at all times

Square shaped containers

fit neatly on shelves and provide a large area for visible labeling.
Safer to transport

Ergonomically designed handle

for comfortable operation.

1,5-meter length hose

which enables easy access to the most awkward lubricant points

Fully sealed into a wire inside the hose will not rust causing contamination

Accessories Port

designed for installation of desiccant filters for added safety

Quick Refill Port,

25mm wide opening with cap allows containers to be refilled without removing entire lid

iCan™ Pour Lids

fit any sized iCan™ Containers



How to use iCan™



Refill your lubricant



Set iTags coloring code



Attach iBand coloring code



Switch Off to On



Twist the Spout



Happy Safe Pouring



iCan™ Fluid Transfer System

Identify - Store - Pour

iCan™ Pour Lid

Materials

High Density Polyethylene (HDPE)
Low Density Polyethylene (LDPE)
ABS handle inserts
SUS304 spring
Zinc plated nuts & bolts
Nuna-N, (Nitrile) O-rings

Unit per Carton : 6



iCan™ Lids Fit any sized Containers

6 mm Pour Lid

Product Number

001373

Dimensions

Length : 13.1 inches ~ 333 mm
Width : 5.6 inches ~ 143 mm
Height : 8.5 inches ~ 215 mm
Weight : 13.25 ounces / 375 grams

Nozzle opening : 6mm ID, 12mm OD



12 mm Pour Lid

Product Number

001380

Dimensions

Length : 13.1 inches ~ 333 mm
Width : 5.6 inches ~ 143 mm
Height : 8.5 inches ~ 215 mm
Weight : 13.4 ounces / 381 grams

Nozzle opening: 12mm ID, 18mm OD



25 mm Pour Lid

Product Number

001397

Dimensions

Length : 13.1 inches ~ 333 MM
Width : 5.6 inches ~ 143 MM
Height : 8.5 inches ~ 215 MM
Weight : 13.6 ounces / 387 grams

Nozzle opening: 25mm ID, 33mm OD





iCan™ Pump/Storage Lid

Materials

High Density Polyethylene (HDPE)
Low Density Polyethylene (LDPE)
Nuna-N, (Nitrile) O-rings

Unit per Carton : 6

Product Number

001045

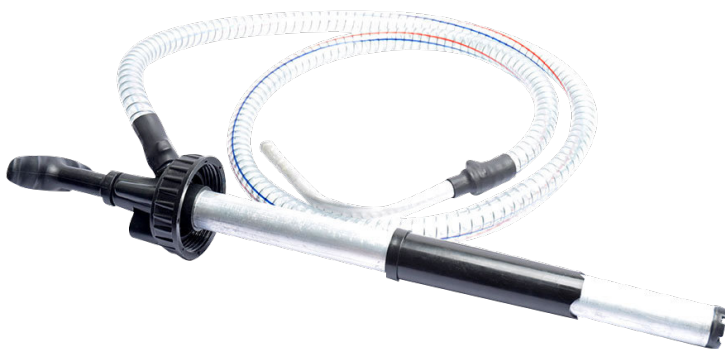
Dimensions

Length : 6.75 inches ~ 171 mm
Width : 5.75 inches ~ 145 mm
Height : 5 inches ~ 125 mm
Weight : 8.2 ounces / 232 gram

iCan™ Pump Piston

Materials

High Density Polyethylene (HDPE)
6061/6063 T6 Aluminum
SUS304 spring
Nuna-N, (Nitrile) O-rings
PVC hose molded over Zinc plated reinforcement



Unit per Carton : 6

Product Number

001083

Dimensions

Length : 2.4 inches ~ 93 mm
Width : 2.4 inches ~ 93 mm
Height : 11.4 inches ~ 450 mm
Weight : 22.5 ounces / 639 grams
Hose Length : 1.5 meters
Nozzle opening : 7.5 MM

iCan™ Containers

Materials

High Density Polyethylene (HDPE)
Polyethylene data pouch
200g card stock

Unit per Carton : 6



Proven in HARSH Australian Mining Condition

2 Litre Container

Product Number

001007

Dimensions

Length : 135 mm ~ 5.3 inches
Width : 135mm ~ 5.3 inches
Height : 240mm ~ 9.4 inches
Weight : 0.232Kg ~ 0.711Lb



5 Litre Container

Product Number

001014

Dimensions

Length : 180mm ~ 7 inches
Width : 180mm ~ 7 inches
Height : 280mm ~ 11 inches
Weight : 0.567Kg ~ 1.247Lb



10 Litre Container

Product Number

001021

Dimensions

Length : 220mm ~ 8.7 inches
Width : 250mm ~ 9.8 inches
Height : 358mm ~ 14 inches
Weight : 0.825Kg ~ 1.815Lb



iCan™ Extension Hose

Materials

End Cap & Lanyard ~ Low Density Polyethylene (LDPE)
Hose ~ Reinforced PVC Hose
Pour Lid Adaptor ~ High Density Polyethylene (HDPE)
O-Ring ~ Buna-N (Nitrile)

Unit per Carton : 24



6 mm Extension Hose

Product Number

001090

Dimensions

Length : 1 Foot / 305 mm
Weight : 2 ounces / 54 grams
Hose Diameter : 8 mm



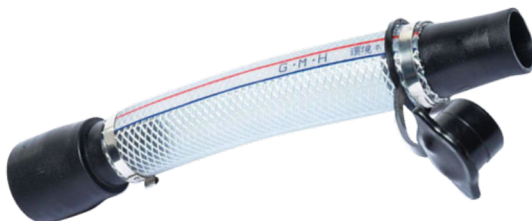
12 mm Extension Hose

Product Number

001106

Dimensions

Length : 1 Foot / 305 mm
Weight : 3.5 ounces / 99 grams
Hose Diameter : 19 MM



25 mm Extension Hose

Product Number

001113

Dimensions

Length : 10.5 Inches / 365 mm
Weight : 5.5 ounces / 157 grams
Hose Diameter : 32 MM

iTags Pour Lid Handle Set 10 Colour



Product Number
001520

Color

iTag Pour Lid Handle - Red
iTag Pour Lid Handle - Orange
iTag Pour Lid Handle - Yellow
iTag Pour Lid Handle - Light Green
iTag Pour Lid Handle - Green

iTag Pour Lid Handle - Blue
iTag Pour Lid Handle - Purple
iTag Pour Lid Handle - Tan
iTag Pour Lid Handle - Black
iTag Pour Lid Handle - Gray

Unit per Carton : 50

Elastic iBand Set 10 Colours



Product Number

000-1023-01A
000-1029-09A
000-1029-06A
000-1024-02A
000-1028-04A
000-1027-07A
000-1030-08A
000-1031-10A
000-1032-01A
000-1025-03A

Color

Elastic iBand - Red
Elastic iBand - Orange
Elastic iBand - Yellow
Elastic iBand - Light Green
Elastic iBand - Green
Elastic iBand - Blue
Elastic iBand - Purple
Elastic iBand - Tan
Elastic iBand - Gray
Elastic iBand - Black

Unit per Carton : 10



iPouch for 2 Litre Containers

Product Number
001120

Unit per Carton : 20



iPouch for 5 Litre and 10 Litre Containers

Product Number
001137

Unit per Carton : 14

ORDER NOW !

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What The Experts are saying

For every oil contamination violation that you can avoid, you've increased the life of the components by 40%

Larry Czernik, Senior Development Engineer Maintenance Products and Svcz. Group, Caterpillar.

"The biggest enemy for hydraulic fluids and hydraulic systems is contamination. It's a proven fact that 75 to 80 percent of all hydraulic machinery failures can be traced to contamination in hydraulic fluids."

Thelma Marougy, Principal Engineer for Lubricants and Fluids, Eaton Corporation
Excerpt from "Contaminated Fluids: Guilty as Charged", Lube Report e-Newsletter, May 16 2006

"It is always good advice to stop treating the symptoms and start treating the causes. When we filter dirt from oil, we are treating the symptom. When we exclude its entry, we treat the cause."

Jim Fitch, Noria Corporation. Excerpt "From Whence Dirt Comes"
Machinery Lubrication magazine, November/December 2002 Issue

iCan™ Enables Accurate Identification of Fluids

"The U.S. Occupational Safety and Health Administration (OSHA) stated that Hazard Communication was the second most cited violation from October 1, 2004 through August 30, 2005."

Source:
www.osha.gov/pls/imis/citedstandard.html

iCan™ Promotes a Safe, Clean, Well Organized Workplace

"I have always believed that keeping the equipment clean, dry and properly lubricated contributes to eliminating more than half of all machinery failures."

V. Narayan
Former Manager, Royal Dutch Shell Group
Center of Excellence in Maintenance and Reliability Eng.
Author: Effective Maintenance Management





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