



Fluid Transfer System

The Solution to Improve
Your Lubrication System

12 July 2018







iCan™ Fluid Transfer System can eliminate common lubricant transfer and storage problems. It is an easy to use and well-built system that is reliable and saves money.



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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.

In **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 productions was relocated from China to Indonesia. In fact, 97% of all raw materials is directly sourced and produced in Indonesia.

iCan Group Ltd is a family owned business with offices in Hong Kong and Indonesia. Most of our staff are Indonesian nationals. We are proud of our team and their families. They have proven to be committed, reliable and diligent. 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 plan to continue to grow and scale our operation to leave a lasting legacy for our employees and their families.

About Product

Users report that iCan™ system is simple, reliable and an effective tool in reducing unwanted contamination in expensive lubricant across a variety of fields and industries.

Resellers love this product for it's ease of use because they are able to significantly reduce their SKU or line items when stocking-in comparison to other products.

We are continuously improving our product line with updates and new products. We hope you will come back and visit often to see what we have to offer.

iCan™ is now manufactured in Indonesia and sold to companies around the world. Some distributor options are available. Please contact us to discuss the opportunities.

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Introduction

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

iCan™ product lines will compliment your current range of products and services.

iCan™ has been the leading fluid handling product brand in Australia.

is designed to increase our customer's productivity and satisfaction.



The Facts



The contamination of lubricant is the leading cause of machinery failure by directly impairing the lubricant ability to control friction, wear and corrosion.

Open containers not only create a high risk for spills, but it also allows foreign particles such as dust, debris, and water to easily contaminate the oil/lubricant.

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

articles
#1

Many companies offer tools and equipment for lubricant and fluids handling. However, most of them fall short when it comes to performance and reliability.

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. The labels or 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.



iBand is a solution

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

Lubricant Problems

articles #2

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 the 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>





Noria's LIS system
 Image Resource :
<http://www.machinerylubrication.com/Read/30390/selecting-lubricants-specifications>

For example, Noria's LIS system is a technical recommendation that denotes a lubricant's key performance properties and compiles them into an alpha-numeric code. Each performance property gets its own section of the alpha-numeric code. Once these alpha-numeric codes are determined, they can then be easily printed and incorporated in a labeling scheme.

There are hundreds of possibilities for the alpha-numeric codes, so a system that is easy to read and maintain is preferred. Matching stored lubricants to the machines in which they are used should be a primary focus of your labeling system.

We must be able to correctly identify lubricants in storage and also correctly identify their applications in the field. Applying the labels to top-up containers, grease storage containers, totes, drums, etc., is the only way to ensure correct product delivery to application.

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



Easy, Fast, & Safe


Switch the button on !



Why iCan™

iCan™ Fluid Transfer System can eliminate common lubricant transfer and storage problems. It is an easy to use, and well-built system that is reliable and saves money.





Lubricant Dispensing Equipment Identification

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 a trend-killer, reducing the effectiveness of oil analysis efforts. Equipment such as transport containers, hand pumps, transfer carts 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 remove all the previous lubricants and other contaminations to minimize risk.

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



Accurately Identify Fluids

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, hazard communication 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™ is the only container system in the world that was designed with identification foremost in mind.

By utilizing innovative iTags™, users have the ability to color code both iCan™ drums and lids. You can choose between pre-cut, colored iTags™ (in 10 different colors) that can be written on, or blank iTags™

Either choice gives you the ability to clearly and accurately label the contents of your iCan™ containers.



Prevent Spills



From a safety perspective, this is the most important reason to use iCan™ products. Not only are iCan™ containers made from rugged high-density polyethylene (HDPE), but as already mentioned, they also seal completely. These two features result in an industrial strength container that is perfectly suited for keeping fluids securely contained.

So, if you are involved in promoting safety at your organization, please consider the spill prevention aspect of iCan™ products.



Carry Safety Data Sheets (MSDS's)

With iCan Containers

Clear, adhesive-backed, zip-top iPouches™ stick onto iCan™ drums, and are designed to hold important documents such as Material Safety Data Sheets.

Corresponding iTags™ can be written or printed on, and inserted in the front of the iPouches™ to identify the drum's contents and notify the user that an MSDS is enclosed.



Promote a cleaner and More Organized Workspace

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. Replacing rusty, open top containers with well labeled iCan™ containers will have an immediate impact on the overall look and feel of the workplace.

Employees and customers will appreciate a cleaner environment. If you have a dirty workplace due to lubricants spills, then you need iCan™ product.

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.



The Benefits of iCan™

On / Off Button

Easier to pour the liquid when you want

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

The liquid removed will remain clean, and **dirt free**

Innovative Color Coding

and labeling systems improves fluid identification and minimizes the risk of topping off equipment with the wrong fluid

Made from HPDE high impact plastic with UV and Anti Static stabilizers to ensure long life.



Made of aluminium.

Light weight, will not leak,
and anti-rust

**Equipped with a
precise liquid
measuring scale**

to accurately measure
out going fluid

Square shaped containers

fit neatly on shelves and provide
a large area for visible labeling

Provide 27% more storage
capacity than round containers



Comfortable to hold

1,5-meter length hose

which enables easy access to the
most awkward lubricant points

wire inside the hose

Accessories Port

provides ventilation during refilling

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



What The Experts are saying



Prevents Machine-Damaging Fluid Contamination

Will the contamination of lubricants impact your operating costs? The simple answer is yes and it could do so dramatically.

Peter Carlin, Alan Messenger & Turlough Guerin

Excerpt from "Stay clean man! Lubricant cleanliness is crucial."

World Mining Equipment, November 2003 Issue



Prevents Dangerous & Costly Spills

Historically, Lubricant has been trivialized in the plant. This oversight has cost the industry dearly.

Drew Troyer, Noria Corporation

Excerpt from "This is your wakeup call"

MRO Today Magazine, February/March 2002



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



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**

What Expert Says

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

"For all of the power a hydraulic system provides to equipment, these systems are actually very delicate. The slightest bit of contamination can cause wear on components that will result in significant downtime and repair costs".

Jeff Woosley, Assistant Editor, Equipment Today Magazine Excerpt from "Keeping Contaminants Out." Equipment Today magazine, June 2002 Issue



iCan™ Catalog

iCan™ Combo



**2 Litre Container
With 6 mm Pour Lid**

Product Number :
iC-001007-6



**2 Litre Container
With 12 mm Pour Lid**

Product Number :
iC-001007-12



**5 Litre Container
With 6 mm Pour Lid**

Product Number :
iC-001014-6



**5 Litre Container
With 12 mm Pour Lid**

Product Number :
iC-001014-12



**5 Litre Container
With 25mm Pour Lid**

Product Number :
iC-001014-25



**10 Litre Container
With 12 mm Pour Lid**

Product Number :
iC-001021-12



**10 Litre Container
With 25 mm Pour Lid**

Product Number :
iC-001021-25



**2 Litre Container
with Storage Lid**

Product Number :
iC-001007-ST



**5 Litre Container
with Storage Lid**

Product Number :
iC-001014-ST



**10 Litre Container
with Storage Lid**

Product Number :
iC-001021-ST



**5L Container
with Pump Lid
& Pump Piston**

Product Number :
iC-001014-PU



**10L Container
with Pump Lid
& Pump Piston**

Product Number :
iC-001021-PU

iCanTM Containers

Materials

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

Unit per Carton : 6

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™ 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

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 Lid



Materials

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

Unit per Carton : 6

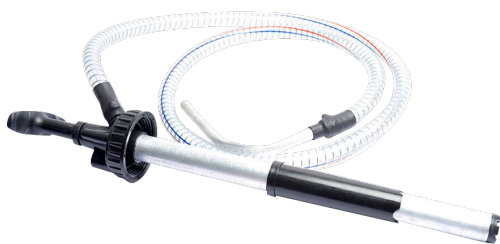
Product Number

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

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 : 8.2 ounces / 232 grams
Hose Length : 1.5 meters
Nozzle opening : 7.5 MM

iCan™ Extension Hose

Materials

End Cap & Lanyard
Hose ~ Reinforced PVC Hose
Pour Lid Adaptor
O-Ring ~ Buna-N (Nitrile)

Unit per Carton : 24



Product Number

001090

Dimensions

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



Product Number

001106

Dimensions

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



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



We beat the competition with product features, quality and affordability.

ORDER NOW !

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How to use iCan™



Refill your lubricant



Set iTags coloring code



Attach iBand coloring code



Switch Off to On



Twist the Spout



Happy Pouring



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