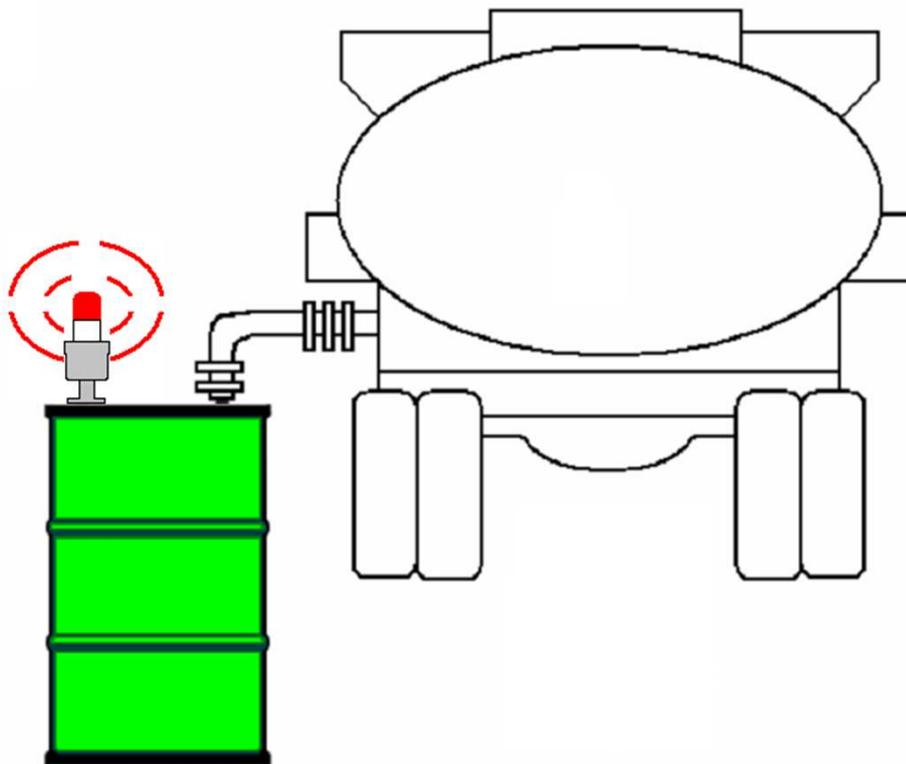


Drum Level Communicator DLC Series

Easy to Use!

It only put into the drum, and turn on the power!

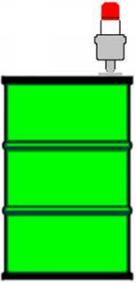
- By the time of fullness, the bell and light, warning sending.
- For Water, Oil and so on
- AC200V~AC240V Multiple power.



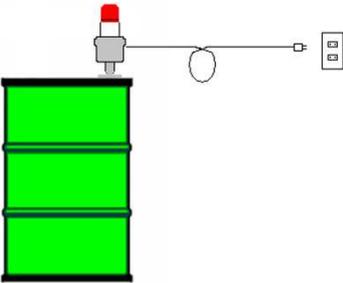
Heat-tech

■ How to use.

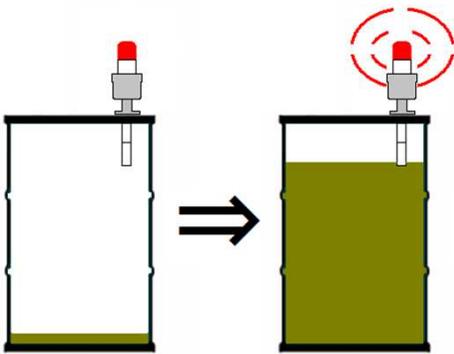
- ① DLC insert perpendicular to the drum.



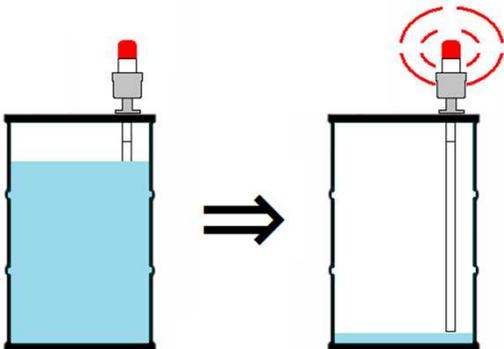
- ② The power plug is inserted in the outlet.



- ③ When the sensor detects rising water level and sends an alarm on DLC-100.



- ④ When the sensor detects lower water level and sends an alarm on DLC-800.



■ For Full Alarm DLC-100 series specification

Design number	DLC-100-2	DLC-100B2	DLC-100L2	DLC-100BL2
Alarm	Relay	Bell	Redlight	Buzzer / Redlight
Power	Specified in the AC200 ~ 240V			
Contact Capacity	AC250V2A	-	-	-
Sound power	-	80dB	-	68~84dB
Operational temperature	-10°C~50°C			
Liquid type	Oily / Conductive liquid			
Wetted part material	SUS304/PTFE			
Dimension	Diameter	φ 116		
	Height	250	305	395

■ For Empty Alarm DLC-800 series specification

Design number	DLC-800-2	DLC-800B2	DLC-800L2	DLC-800BL2	DLC-800A2	DLC-800AD2	
Alarm	Relay	Bell	Redlight	Buzzer / Redlight	4-20mA	4-20mA/Display	
Power	Specified in the AC200 ~ 240V						
Contact Capacity	AC250V2A	-	-	-	4-20mA		
Sound power	-	80dB	-	68~84dB	-		
Operational temperature	-10°C~50°C				-10°C~40°C	-10°C~50°C	
Liquid type	Oily / Conductive liquid				Conductive liquid		
Wetted part material	SUS304/PTFE						
Dimension	Diameter	φ 116				Φ82x135	
	Height	950	1005	1095	1150	985	1050

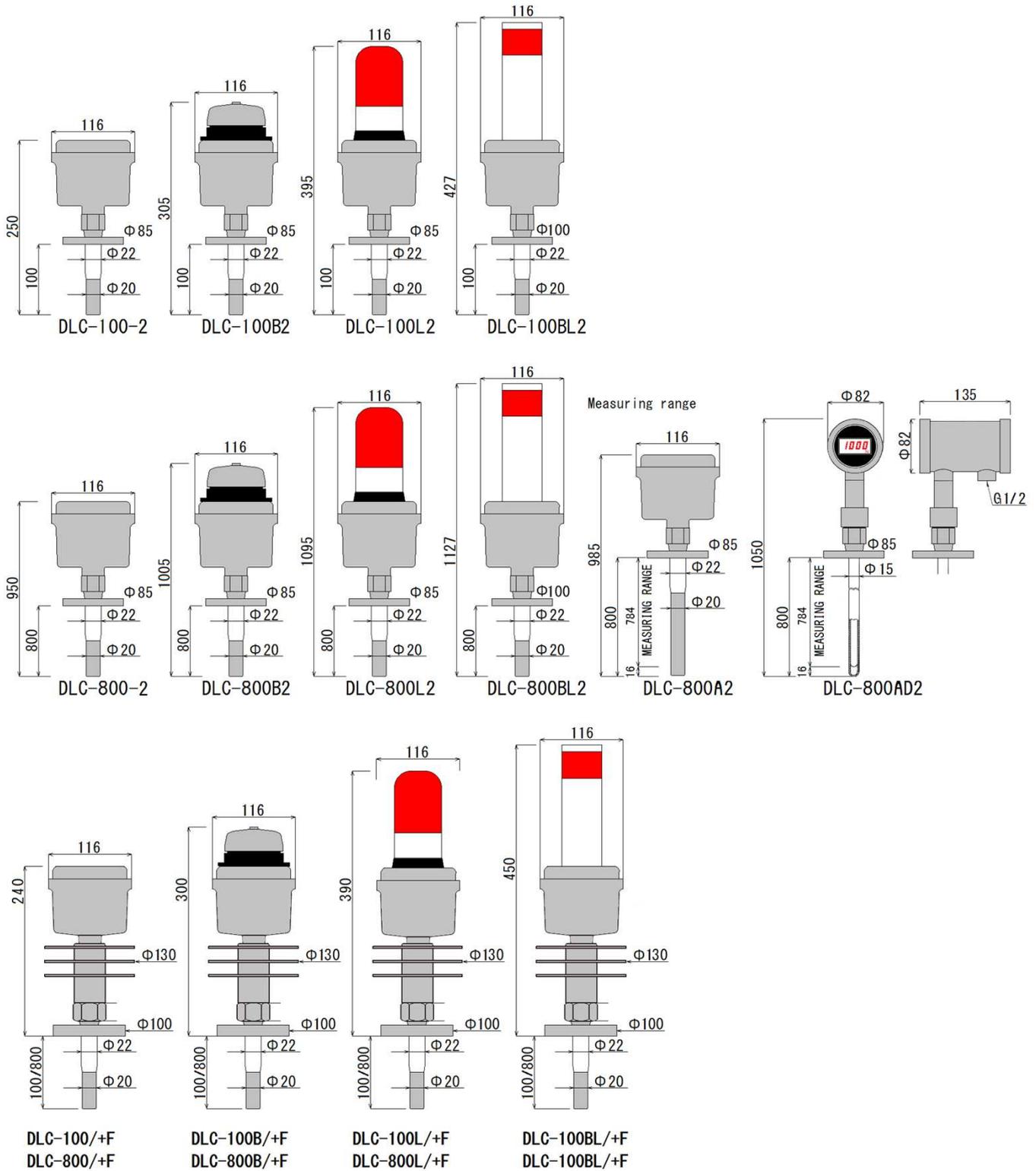
■ Heat-resistant 100°C Type For Full Alarm DLC-100 series specification

Design number	DLC-100-2/+F	DLC-100B2/+F	DLC-100L2/+F	DLC-100BL2/+F
Alarm	Relay	Bell	Redlight	Buzzer / Redlight
Power	AC200-240V			
Contact Capacity	AC250V2A	-	-	-
Sound power	-	80dB	-	68~84dB
Operational temperature	-10°C~100°C			
Liquid type	Oily / Conductive liquid			
Wetted part material	SUS304/PTFE			
Dimension	Diameter	φ 130		
	Height	305	360	450

■ Heat-resistant 100°C Type For Empty Alarm DLC-800 series specification

Design number	DLC-800-2/+F	DLC-800B2/+F	DLC-800L2/+F	DLC-800BL2/+F
Alarm	Relay	Bell	Redlight	Buzzer / Redlight
Power	AC200-240V			
Contact Capacity	AC250V2A	-	-	-
Sound power	-	80dB	-	68~84dB
Operational temperature	-10°C~100°C			
Liquid type	Oily / Conductive liquid			
Wetted part material	SUS304/PTFE			
Dimension	Diameter	φ 130		
	Height	1005	1060	1127

- *1 This product is not explosion proof. Please Do not use of flammable fuels such as gasoline, kerosene.
- *2 Different voltage supply types can also be manufactured by special order. Please contact us.
- *3 Please contact us to specify the measurement length.



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Heat-tech Co., Ltd.

<http://heater.heat-tech.biz>

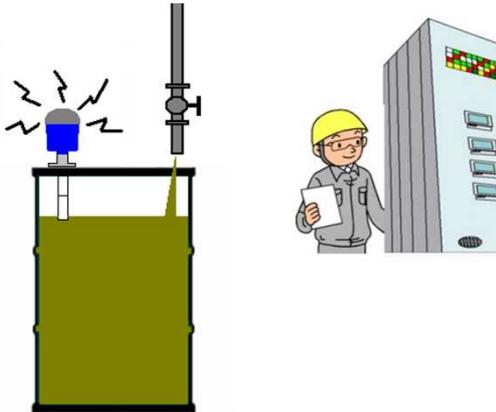
International Medical Device Alliance IMDA

1-6-5 Minatojima Minamimachi Chuoku Kobe 650-0047 Japan

TEL 81-78945-7894 FAX 81-78945-7895

e-mail info@heat-tech.biz

■No.1 Transfer of drain



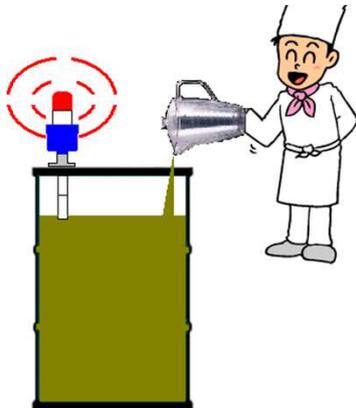
<< Problem >>

One operator is doing transferring in a drain by himself, so it isn't possible to see through until it'll be fill up the drum.

⇒Kaizen Point

Started using the DLC-100B Bell type.
So loud 80 horn Bell Type.
Can work backwards and do not worry.

■No.2 Temporary storage of food wasted oil



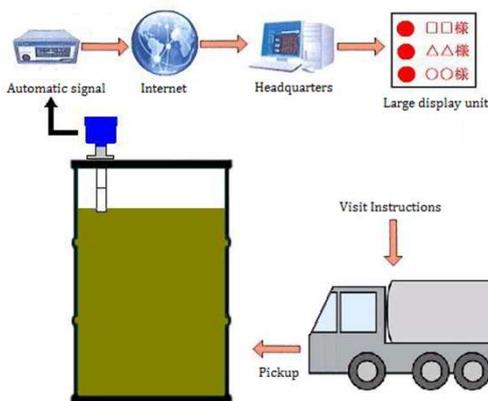
<< Problem >>

Food wasted oil sometimes overflowed from the drum.

⇒Kaizen Point

We are near the residential area, so DLC-100L of the warning light type, not the bell type was installed.
If oil became near fill up the drum, the light shone, so the time to call waste oil recyclers became clear.

■No.3 Automatic collection of food wasted oil-Internet version.



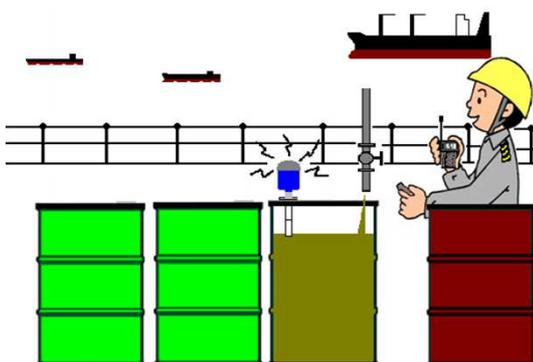
<< Problem >>

Wasted oil sometimes overflowed from the drum.

⇒Kaizen Point

DLC-100 of the relay signal type was installed.
When oil became near fill up the drum, the signal entered, so the fill up the drum signal is sent to the recyclers head office via the internet transmitter, and recyclers come to the collection speedily.

■No.4 Landing of shipping waste oil



<< Problem >>

When waste oil is spilled carelessly, it's necessary to violate "MARPOL Convention" and "Law concerning the prevention of the reaching marine disaster like seawater pollution etc." and to pay a high penalty.

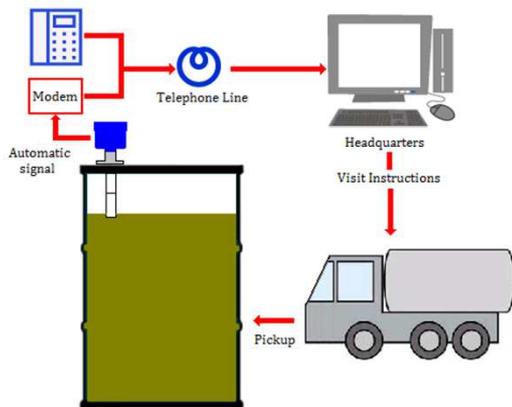
⇒Kaizen Point

Started using the DLC-100B Bell type.
So loud 80 horn Bell Type.
When oil became near fill up the drum, Can be alert to the staff on deck.

Applications of the Drum Level Communicator

Heat-tech

■ No.5 Automatic collection of food wasted oil-Telephone line version.



<< Problem >>

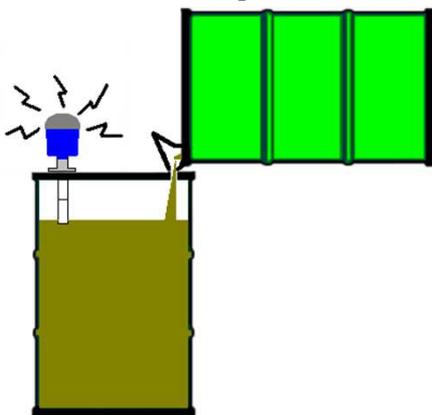
Wasted oil sometimes overflowed from the drum.

⇒Kaizen Point

DLC-100 of the relay signal type was installed.

When oil became near fill up the drum, the signal entered, So the fill up the drum signal is sent to the recyclers head office via the telephone transmitter, and recyclers come to the collection speedily.

■ No.6 Refill of waste paint



<< Problem >>

One operator is doing refill in the waste paint by himself, so it isn't possible to see through until it'll be fill up the drum.

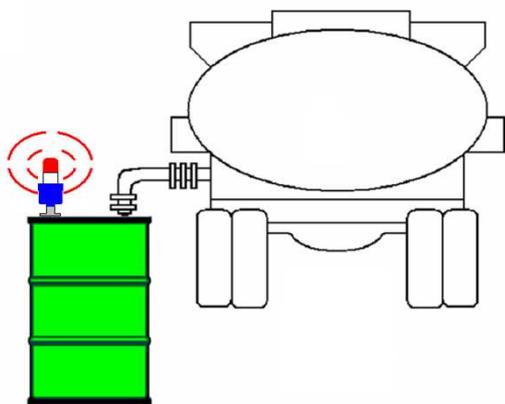
⇒Kaizen Point

Started using the DLC-100B Bell type.

So loud 80 horn Bell Type.

Can work backwards and do not worry.

■ No.7 Supplement of hydraulic operating fluid



<< Problem >>

Hydraulic operating fluid sometimes overflowed from the drum.

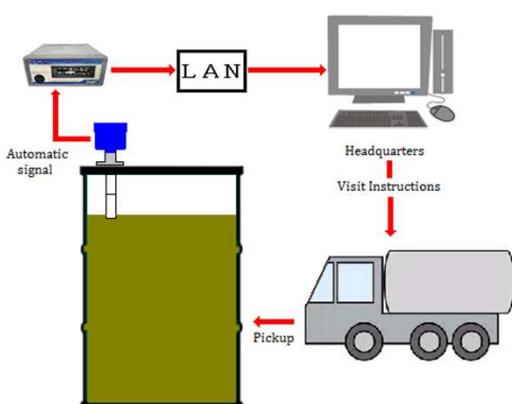
⇒Kaizen Point

DLC-100L of the warning light type was installed.

When fluid became near fill up the drum, the light shone, it was overflow prevention.

The finish became beautiful.

■ No.8 Centralized storage of Specified Chemical Substance



<< Problem >>

The wasted acid was sometimes left while being full.

⇒Kaizen Point

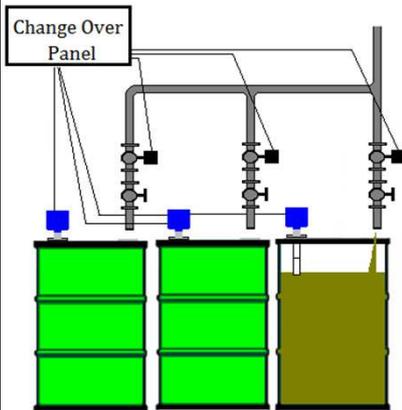
DLC-100 of the relay signal type was installed.

When the wasted acid became near fill up the drum, the signal entered, So the fill up the drum signal is sent to the recyclers head office via the internet transmitter, and recyclers come to the collection speedily.

Applications of the Drum Level Communicator

Heat-tech

■ No.9 Automatically Changeover of Drums



<< Problem >>

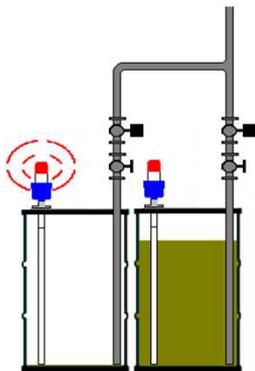
The wasted fluid is stored in drums, it can not be automatically changeover.

⇒Kaizen Point

DLC-100 of the relay signal type was installed. When the wasted acid became near fill up the drum, the signal entered, So changeover electric valves in the pipes.

No need for human power, Risk of waste fluid omission has also disappeared.

■ No.10 Remaining quantity warning of liquid and oil



<< Problem >>

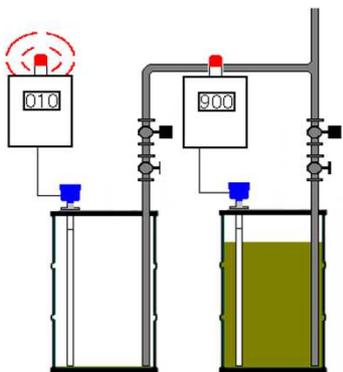
Liquid and oil disappear suddenly.

⇒Kaizen Point

DLC-800L of the warning light type was installed. When the rest of liquid and oil became little, the red light shone, so inventory control could be done now easily.

Production started also to go smoothly.

■ No.11 Inventory control of liquid and oil



<< Problem >>

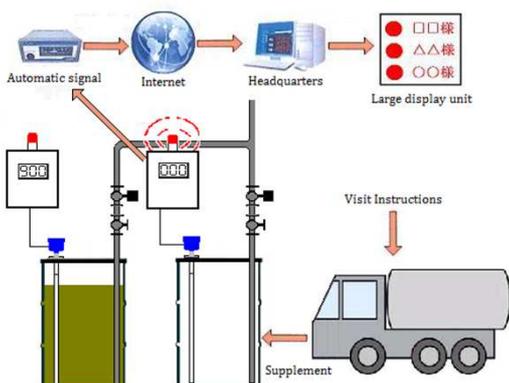
Liquid and oil disappear suddenly.

⇒Kaizen Point

DLC-800A was installed. When the rest of liquid and oil became little, a signal went out, so inventory control could be done now easily.

Production started also to go smoothly.

■ No.12 Fuel management and automatic replenishment of the liquid oil



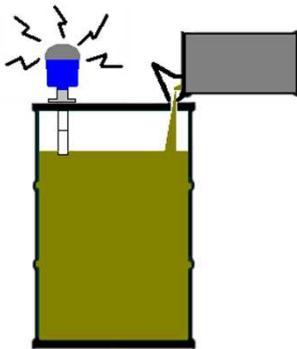
<< Problem >>

Liquid and oil disappear suddenly.

⇒Kaizen Point

DLC-800A was installed. The signal comes out when the remainder of the liquid and oil decreases. The residual quantity shortage signal was sent to materials Management Division by way of the Internet transmitter, and the supplier came to come for the supplement speedily.

■No.13 Repacking of waste oil



<< Problem >>

When it is full until overflowing, it doesn't notice it.

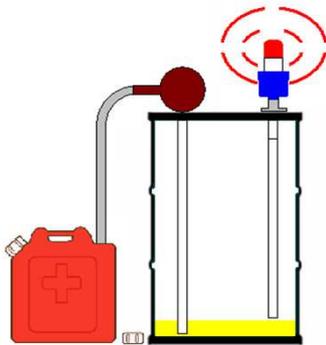
⇒Kaizen Point

Started using the DLC-100B Bell type.

So loud 80 horn Bell Type.

Even the work which doesn't see the inside can be relieved.

■No.14 Residual quantity shortage warning of hydraulic fluid



<< Problem >>

Hydraulic fluid disappear suddenly.

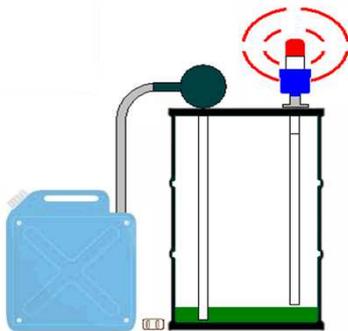
⇒Kaizen Point

DLC-800L warning light type was installed.

When the rest of hydraulic oil became little, the red light shone, so inventory control could be done now easily.

Production started also to go smoothly.

■No.15 Residual quantity shortage warning of cooling oil



<< Problem >>

Cooling oil disappear suddenly.

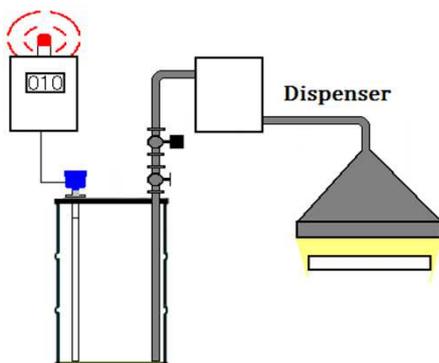
⇒Kaizen Point

DLC-800L of the warning light type was installed.

When the rest of cooling oil became little, the red light shone, so inventory control could be done now easily.

Production started also to go smoothly.

■No.16 Residual quantity shortage warning of softener



<< Problem >>

Softener disappear suddenly.

⇒Kaizen Point

DLC-800A of the analog output type was installed.

When the rest of a softener becomes little, a signal goes out. Non-attender operation could be done now.

Production started also to go smoothly.