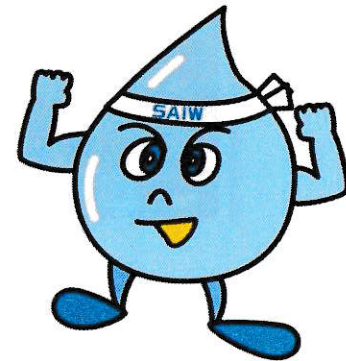




# Super Alkali Ion Water

Implementation Examples (Industrial)





# “Super Alkali Ion Water (SAIW)”

## 5 major usages (Industrial)

5 major  
usages



### 1 Reduced the use of chemicals and detergent for water washers

- No need for alkali washing and prevention of rust
- Decrease in washing time and time

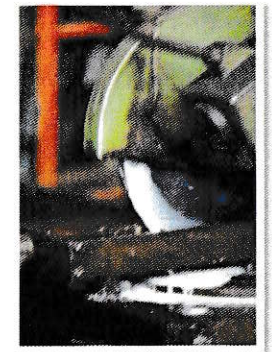
### 2 Prevention of rust of grinding lubricant

- Prevention of rust due to the alkalization of grinding lubricant
- Decrease in sludge

### 3 Usage in cooling water

- Suppresses oxidization of cold water, cleans pipes,
- suppresses bad odor, inhibits reproduction of legionella

Continues to 4, 5↓



The image is an example

Contd.

#### 4 Improving the environment for coating booths (water wash)

→ Suppresses bad odor, easier to collect the sludge, cares about the environment and residents, increase safety for workers

(Removes the caustic soda or any form of chemicals)



#### 5 Others Washing and sterilizes the factory

→ There's no additional washing, and

→ Sterilization and deodorization of automobiles

No bubbling and no odor, with no need to double rinse

→ Sterilizes and removes odor from helmets, worker clothes, shoes, gloves

→ Cleans the toilet, office, office kitchen





# “Super Alkaline Ion Water(SAIW)”

## 3 major effects of implementing

3 major effects



### 1 Decrease cost

- Decrease the use of detergents and chemicals (Just swap to SAIW)
- Remove any burden in using the detergents and chemicals
- Decrease the cost (washing water, drainage, time)

### 2 Increased safety and better environment

- No physical burden for the workers
- Inhibit use of chemicals that burden the environment
- Decrease CO<sub>2</sub> production



The image is an example

### 3 Contributing to society

- Considerate towards the surrounding environment
- Decreased burden for rivers and sewage facilities

# “Super Alkali Ion Water” Implementation Examples

## Fuji Xerox Manufacturing

### Cleaning the photosensitive drum



The image is an example

Wash the exterior panel of the photocopier with SAIW

It removes alcohol and chemicals. It also increases the power of sterilization, sterile filtration and environmental performance

Delivered from: Fuji Xerox Manufacturing Co., Ltd. Takematsu Center  
Manufacturing Department Manufacturing Technology Group



# “Super Alkali Ion Water” Implementation Examples (Multi-function Printer) Company R



## Recycle washing OA equipment (photocopier)



The image is an example

Wash the exterior panel of the photocopier with SAIW

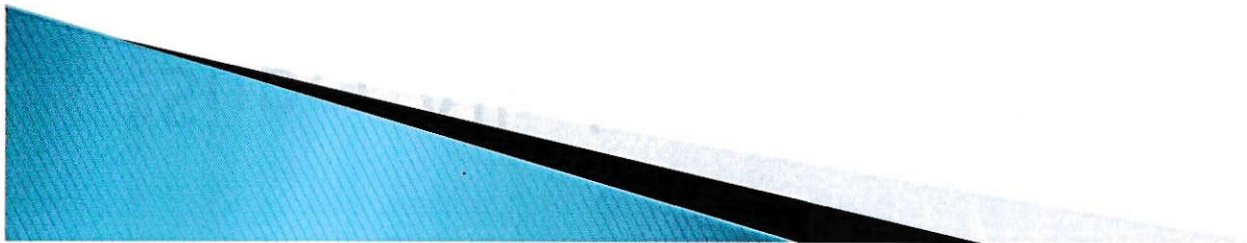
It removes alcohol and chemicals. It also increases the power of sterilization, sterile filtration and environmental performance

# “Super Alkali Ion Water” Implementation Examples (Multi-function printer manufacturer) Company S



The image is an example

Four UF-15 was delivered in each office (2006)

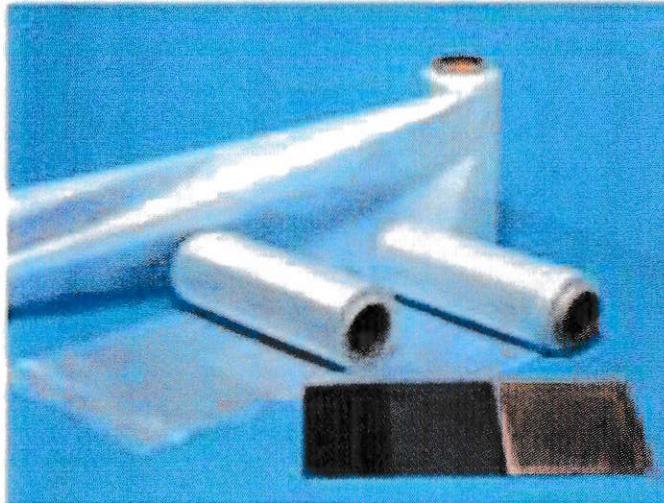




# “Super Alkali Ion Water” Implementation Examples

## (Glass) Chemical Company A

Washing the glass cloth for the printed circuit board



The image is an example

The glass fiber is used as electric insulator and a strengthening agent of the printed wiring board such as the smartphone.

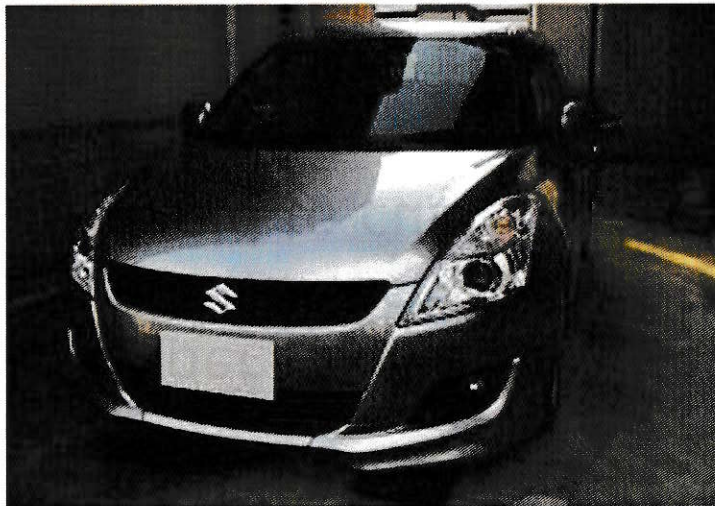
It reduces the amount of chemicals. It also increases the power of sterilization and environmental performance



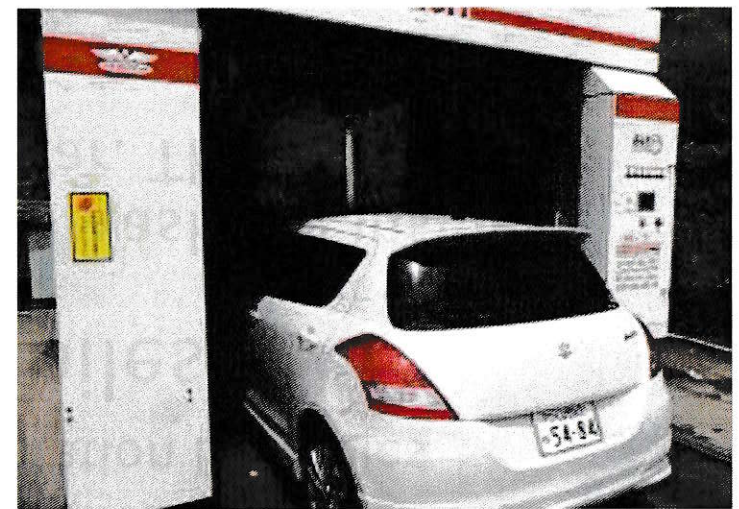
# “Super Alkali Ion Water” Implementation Examples

## (Automobile Manufacturer) Automobile S

Super Alkali Ion Water is used to wash the finished product before it is sold. It is a better substitute of bubbling detergent so the usage of commercial detergent is reduced significantly, as well as prevention of dust on the car, and does not use any bubbling detergent. Thus, it receives high ratings from car dealers.



The image is an example



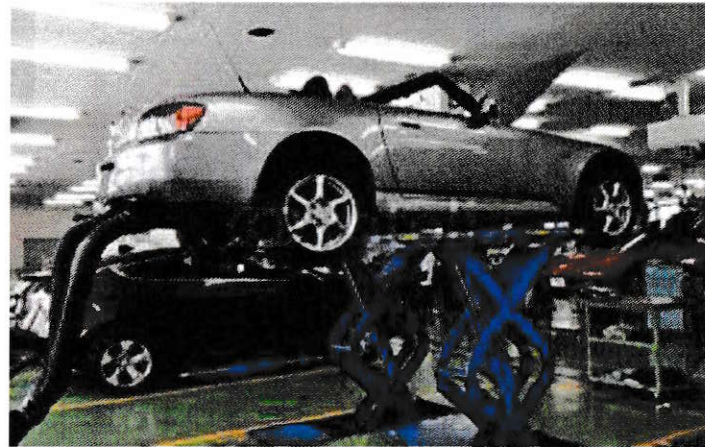


# “Super Alkali Ion Water” Implementation Examples

## (Car Dealer) Type H Automobiles



The Super Alkali Ion Water is being used to wash the inside of the car and each part of the maintenance car. There are bottle types sold to customers.



The image is an example

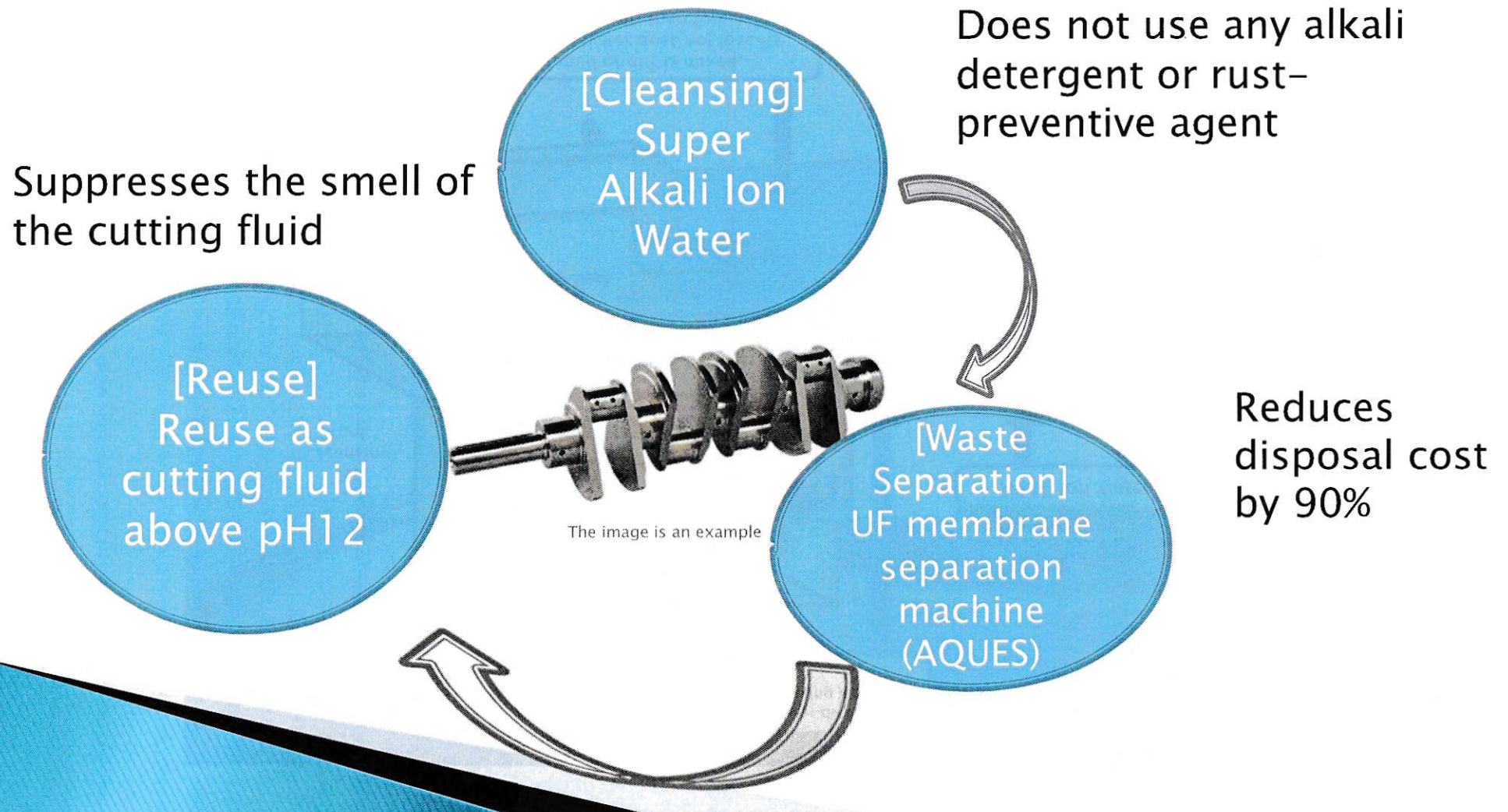




# “Super Alkali Ion Water” Implementation Examples (Automobile Manufacturer) Automobile T

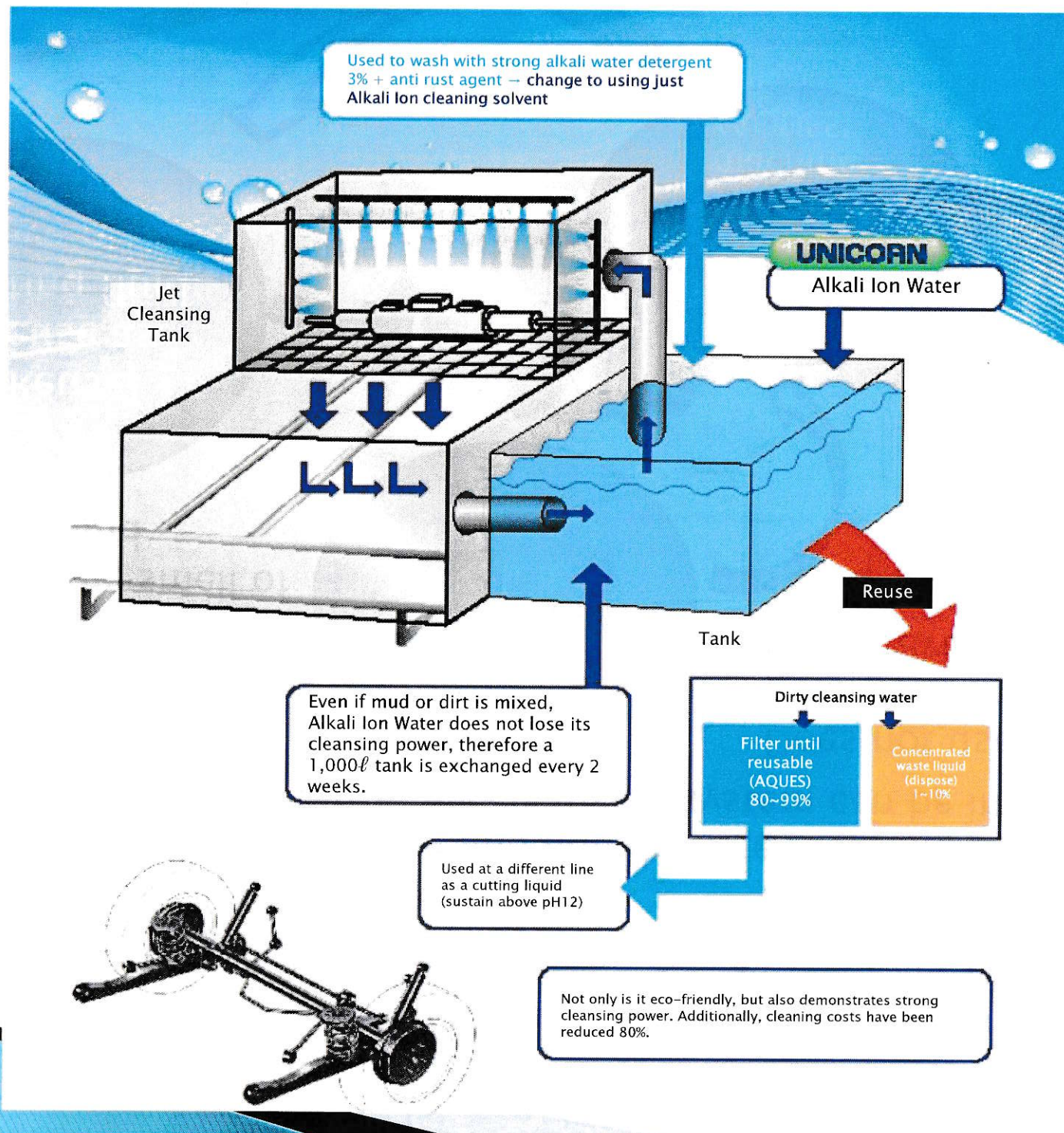


Using the Super Alkali Ion Water and liquid waste recycling system, one of the world's top class eco-friendly cleansing system can be implemented.





Contd.





# “Super Alkali Ion Water” Implementation Examples (Industry) Special Metal D

It uses the Super Alkali Ion Water . It has created an environmentally friendly washing method, without using any bubbling detergent and rust preventive agent. Completely removed any chemicals that are related with washing by removing oil, such as the caustic soda. Decreased a significant amount for washing, the amount of amount of drainage and time. It has contributed to an increase of quality and a decrease in cost of washing.



The image is an example

