

(Examples of usage in washing)

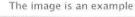
Component Washing

Problems

Not enough washing, residue of the detergent, lower quality Health hazard if the warmed detergent is inhaled

- Detergent start rotting
- Cost of the detergent









SAIW will solve this!

Since the environment will become strong alkaline, the detergent will not rot.

Even if the warmed detergent is inhaled, there will be effect towards the workers.

Decrease the amount of washing and the amount of water No residue of the detergent and will decrease the problem of not enough washing.

Consequently, contributes to a decrease in cost.

"Super Alkali Ion Water"

(Examples of usage in cutting)

Cutting liquid of metallic parts

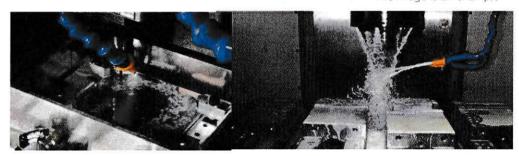
Problems

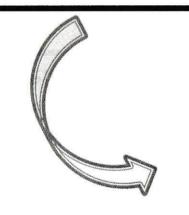
Due to the water soluble cutting liquid oxidizing, it causes the anaerobic bacteria to reproduce

- The bad odor is at its peak from the start of Spring to Summer
- Preventing the cutting liquid to rot, extending its usage is something to work on



The image is an example





SAIW will solve this!

Mix the diluted water with SAIW and set the pH to 11.

By preventing the oxidization, it can suppress the reproduction of bacteria and the rotting smell. Moreover, it will prevent the rotting of processed metals. At the same time, it also increases the washing effectiveness.

"Super Alkali Ion Water"



(Examples of usage in cooling down water)

Cooling Water

(Metal mold casting, aluminum die cast, resin molding, injection, air-conditioning etc.)

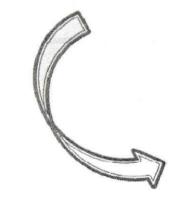
The image is an example

Problems

The quality of molding decreases when cooling and decreases the yield.

The inside of the pipes will become corrode, form sediments and rot when cooling due to oxidization The cooling effect decreases due to the rotten smell.





SAIW will solve this!

It suppresses rotting and rusting of the pipe. The cooling water is able to reach into more areas and the cooling effect increases.

It improves the quality of molding.

"Super Alkali Ion Water"



(Examples of usage in a coating booth)

Coating booth

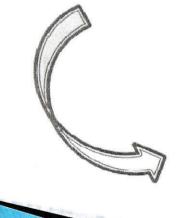
(Water wash booth)

Problems

The innards of the water wash booth rotting due to oxidization Anaerobic bacteria reproducing Bad odor to the surrounding environment Health hazards towards workers



The image is an example



SAIW will solve this!

Mix the SAIW with the water wash booth, and keep an alkaline pH of 10. This will suppress the oxidization of the booth and prevent from any anaerobic bacteria to form

It stops the rotten smell, and increases the amount of yield for the sludge.

"Super Alkali Ion Water" Other Uses



(Industrial)

Automobile parts
Washing the pressed processed parts

The residual oil from press processing, removing metal powder, interlock with the transfer press, complete removal of the

residual oil, increased washing accuracy

Suppresses the rotten smell Decreased industrial waste

Precision Instrument Parts

Removal of polishing liquid and metal power after honing and grinding

Increases the washing ability and stops rusting Ssuppresses the rotten smell of the detergent

The image is an example

"Super Alkali Ion Water" Other Uses

(Industrial)

Airplane Parts

Washing the cut processed

Removal of the metal contamination and the coolants of the cutting parts

The cutting oil has no longer re-bonded, and the rust prevention process has decreased It can now reheat the detergent, thus it dries better.

Optical Instrument

Washing the glass parts

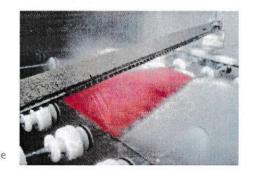
Removal of glass powder after processing the glass with cutting liquid

Decreased the amount of pure water and washing time

SAIW
SUPER ALKALITION WATER







"Super Alkali Ion Water" is 99.9% water Examples of uses in metal processing factories

Injection washer

Put the solid work piece into the washing basket size of Φ700 and wash it whole

Water washing coating booth

Prevents bad odor and sludge Prevents cooling water to not rot

Diluted water for cutting liquid and grinding liquid Prevents bad odor and sludge

Prevents bad odor and sludge Increases rust prevention effect

Metal sheet washer

Remove laser, turret punch, processing oil and foreign matter

Wet scrubbers

Laser processing Sander processing

SAIW SUPER ALKALI ION WATER

99.9% water that can be used for washing, preventing rust, sterilizing and for safety

Filter washer for Dry scrubber

Whole washing and drying

Simple drainage cleaning system

Coagulative separation

High accuracy washing

Waste liquid separation and cleaning water regeneration

UF membrane machine

Atomization distillation

Factory environment maintenance

Washing machines, tools and the factory floors Hygiene maintenance of the office and canteen Toilet (Norovirus countermeasures)