

# “Super Alkali Ion Water” Implementation Examples (Construction machine manufacturer) Industry N

Super Alkali Ion Water was used to remove excess oil before the coating process and was used in the manufacturing of construction machines.

It removed the danger and risk of paint thinner.



The image is an example



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

Used to remove the oil before the coating process, and was used in manufacturing trucks.

Substituted IPA with Super Alkali Ion Water.

Increased safety and environment.

Decreased proportion defective.



The image is an example



# “Super Alkali Ion Water”

## Implementation Example

UB-113  
pH13.1 Generator



Implemented the pH13.1 Generator for cutting and removing oil

It has been implemented in approximately 30 places at Komatsu

(Tochigi factory, Koyama factory, Koriyama factory etc.)

pH13.1 SAIW was implemented when the cutting oil was changed to a water-soluble substance

Reduce use of trichloroethylene

Increased separation of oil

Washing and removing oil  
Washing equipment  
(ultrasound)  
Washing tools

Coating booth  
Prevents rotting  
Sludge productivity

Cleaning  
Machine and floor cleaning  
Decreased use of chemicals  
Shortened time

# “Super Alkali Ion Water”

## Implementation Example

UB-113  
pH13.1 Generator



Implemented the pH13.1 Generator for removing adhesive agents

Implemented in Nitto Denko

(Increased the banned area to bring organic solvents)

Implemented the pH13.1 SAIW for washing cutlery and adhesive agent production caldron

Major Improvement in Safety

Decreased use in ethyl acetate and toluene by 70%

Washing and removing oil  
Washing equipment  
Washing tools

Used in cleaning  
Cleaning the machine  
Floor cleaning  
Decreased use of chemicals  
Shortened time