

Here are a few application areas that has witnessed a great product fit -

Cooling Lubricant

- Emulsions / Spent Coolants

Die-cast Release Emulsion

Electroplating

Stainless steel Pickling

Flexo - printing

Vibratory Grinding

Coin Blank Production

Cleaning / Degreasing

Hardening and Tempering

Crack water Detection

Container Cleaning

Tannery

Food and Beverage Industry

Brine Concentration

Spray Painting

Textile Dye washing water



IoT enables Real - Time monitoring Systems for AKVAZEN Zero Liquid Discharge (ZLD) Systems enabling integration and Industry 4.0 Compatibility.



AKVAZEN



CLOUD



SMART DEVICE



GATEWAY



REMOTE MONITORING

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WITMANS
ADVANCED FLUIDS

INTRODUCING

AKVAZEN

Zero Liquid Discharge System



Patented Advanced Technology to
Treat Industrial Process Water



INDIA
DESIGN
MARK
awarded in 2019

WHAT DOES AKVAZEN DO?

Manufactured with state-of-the-art technology, Akvazen helps manufacturing industries with sustainable solutions to treat process water and obtain clear water thus making it possible for reuse.

WHY SHOULD INDUSTRIES CONSIDER USING AKVAZEN?

The phrase 'Future wars will be fought for water' needs not too much explanation. That being the condition of our planet, Akvazen helps save a large quantity of water by treating process water and making it reusable. Therefore with the use of Akvazen, Industries can significantly contribute towards saving water.

WHAT IS THE WORKING PRINCIPLE OF AKVAZEN?

Akvazen works on the principle of vacuum distillation combined with vapour compression technology using a specialised compressor which makes it energy efficient and economical method to treat and dispose industrial process water.

What are the other benefits an industry can reap by incorporating Akvazen into its working model?

- **Reduces Water Replenishment Costs by 95%** - The water obtained due to treatment using the Akvazen can be reused for the Industrial process itself thereby cutting down approximately 95% on freshwater purchase costs.
- **Reduces Energy Consumption** - Akvazen consumes about 15 % lesser energy and need no other chemicals or other consumables. This additionally contributes towards reducing costs.
- **Reduces Downtime Costs** - Our systems are equipped with IoT (Internet

of Things) system which enable remote monitoring and predictive maintenance and thus reduce downtime costs.

- **Reduces Disposal Costs** - The residue obtained after treatment of process water is concentrated. This helps reduce the cost of disposal for industries.
- **Minimises Dependency on Natural Water** - Akvazen treats the process water and makes it possible for reuse therefore reducing the industry's need to rely on natural water.

Have a different purpose? Please do get in touch and we will try and customise our product to suit your needs.

For more information visit our website - www.wafindia.com
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