

OIL & GAS WATER TREATMENT SOLUTIONS



Our Water Treatment Solutions

Eunisell provides advanced, reliable, and industry-proven treatment technologies designed to help oil & gas operators optimise production, improve oil recovery, protect equipment, lower costs, and meet environmental regulations for both onshore and offshore applications.

Our water treatment systems help the oil & gas industry manage various streams efficiently, while maintaining the highest standards of operational performance. This includes:

- Seawater treatment for injection to maintain reservoir pressure.
- Produced water treatment for safe discharge or re-injection
- Treatment of slop/cargo tank water
- Water treatment for utility & portable water

Produced Water Treatment

Eunisell deploys integrated treatment systems that deliver high-efficiency separation and contaminant removal to meet discharge or reuse requirements. Our solutions treat the water byproduct of oil extraction, which contains oil, solids, and other contaminants, for safe disposal or reuse. Eunisell deploys integrated treatment systems that deliver high-efficiency separation and contaminant removal to meet discharge or reuse requirements.

Key technologies:

- **Polymeric Adsorbents:** Remove oil, organics, and BTEX (benzene, toluene, ethylbenzene, and xylene).
- **Ion Exchange (IX) Resins:** Remove hardness and other contaminants.
- **Reverse Osmosis (RO) and Nanofiltration (NF):** Used for treating high-salinity produced water streams.
- **Degassing:** Increasingly used in industrial water treatment, including oil and gas, to remove dissolved gases.
- **Membrane Bioreactors (MBR):** A wastewater solution for treating produced water.

Injection Water Treatment

Reliable injection water quality is critical for reservoir pressure maintenance and enhanced oil recovery. Poor-quality injection water can cause souring, scaling, plugging, and loss of reservoir integrity. Eunisell delivers high-quality water for injection to improve oil recovery and prevent issues like sulfate precipitation and reservoir scaling. technologies that improve water chemistry and ensure optimal injection performance.

Key technologies:

- **Ultrafiltration (UF):** Provides particle removal before other treatment processes.
- **Nanofiltration (NF):** Specifically removes sulfates from seawater to control scaling and souring in reservoirs.
- **Reverse Osmosis (RO):** Used for treating high-salinity streams.

Wastewater Treatment & Refinery Effluent Treatment

Eunisell also provides solutions for managing complex refinery and petrochemical effluents containing emulsified oils, chemicals, and heavy organics.

Key technologies:

- **API & CPI Separators** for bulk oil removal
- **Dissolved Air Flotation (DAF)** for efficient removal of emulsified oil and fine solids
- **Chemical & Electrochemical Treatment Systems** for improved coagulation, flocculation, and contaminant breakdown
- **Advanced Oxidation Processes (AOPs)** for destroying persistent organic pollutants
Sludge Handling & Dewatering Systems for cost-effective waste management

Wastewater & Sewage Treatment

Eunisell also provides solutions for managing complex refinery and petrochemical effluents containing emulsified oils, chemicals, and heavy organics.

Key technologies:

- **Odour Control Chemicals** – For sewage and effluent holding tanks.
- **pH Neutralizers** – To achieve discharge compliance.
- **Disinfectants** – For treated effluent reuse or disposal.
- **Defoamers** – Control foam in wastewater treatment tanks.

Why Choose EUNISELL LIMITED?

- Meets local and international discharge regulations
- Enables water reuse, lowering operational costs
- Protects wells, reservoirs, and production equipment
- Reduces downtime and optimizes field performance
- Integrates easily with existing facility infrastructure
- Supported by expert technical service and field specialists

Packaging Options

25L | 200L Drum | 1000L IBC

About Us

Eunisell is a leading chemical and specialty fluid management company, supplying key products and solutions to a wide base of customers operating in Africa.

Our mission is to bring world class solutions to this vibrant and challenging environment.

Our vision is to become the foremost provider of chemical solutions in Africa. As Africa's leading specialty chemicals supplier and one of the it's largest independent companies, we are committed to excellence and innovation.

EUNISELL LIMITED

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