

# A3-USA

Water and Wastewater Membranes

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## Process water - Recycling with Ultrafiltration (UF) and Reverse Osmosis (RO)

Supply of a process water recycling plant for the treatment of oily wastewater. The process water undergoes a two stage treatment consisting of ultrafiltration and reverse osmosis before it is re-used. The system reduces energy requirements and water consumption.



Customer: Chemical Industry  
Capacity: 370,000 gpd  
Influent: Process water from alcohol production  
Technology: UF & RO  
Pore size UF: 0.05  $\mu\text{m}$  (ceramic membrane)

