

Oily Wastewater

Manufacturers utilizing machining, turning, cutting, and other metal fabrication operations are often faced with recovery and disposal of coolant and cutting fluids. These fluids include extremely high levels of emulsified oils that can be reused if other contaminants are removed, but cannot be easily discharged.

Ultrafiltration systems from Haliant Technologies have been used to separate the waste oils from the reusable cutting fluids, reducing the manufacturers operating and disposal costs.

Haliant Technologies has also supplied complete waste water treatment systems to remove the dissolved solids from the ultrafiltration effluent and prepare the treated wastewater for compliant discharge or reuse.



OILY WASTEWATER

Treated Water Results	Raw Water	Treated Water
Oils and Greases	20,000 - 70,000 mg/L	10 mg/L
Total Suspended Solids (TSS)	200 - 1,000 mg/L	< 10 mg/L
Chemical Oxygen Demand (COD)	3,000 - 50,000 mg/L	500 - 3,000 mg/L

