

AMISTCO

Product Bulletin



Coalescers for Oily Wastewater Separators

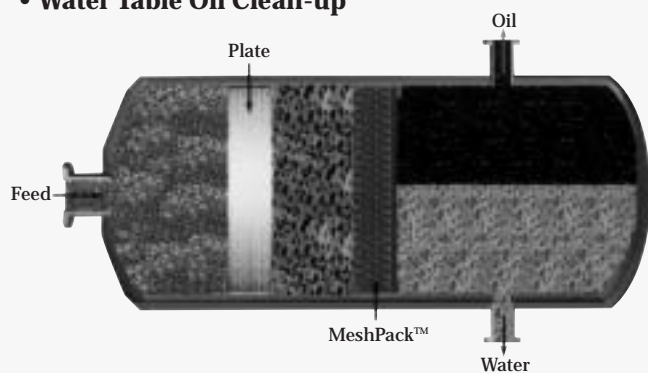
Is upgrading your CPI System a drain on your budget?

Environmental constraints are pushing the CPI separators to capacity and efficiency limits. AMISTCO's Coalescer packs can be retrofitted to upgrade existing separators giving them more capacity and higher efficiency. Oil/water separating efficiencies to less than 15ppm are common with AMISTCO's full range of plate and MeshPak™ Coalescers. Each Coalescer pack is built to customer specifications. **Ask our Engineers!**

Need to de-bottleneck your CPI separators?

Call AMISTCO Application Engineers and have them assist you with the best solution.

- **Wastewater Treatment**
- **Offshore Wastewater Cleanup**
- **Groundwater Runoff**
- **Oil Spill Recovery**
- **Water Table Oil Clean-up**



Coalescers for Haze Removal

You Might be Losing More Than \$300K/Year!

Capacity increases have reduced residence time in most existing gravity separators which are not capable of removing water/haze efficiently.

Hazy Products Cause:

- **Blending delays**
- **Penalty for late shipment**
- **Reprocessing cost**
- **Tying up costly inventory**
- **Tying up personnel for additional tank drainage and lab testing**
- **Additional waste water production from tank draining**

Retrofitting your separator upstream of the tank farm with AMISTCO liquid/liquid coalescer packs will eliminate these problems. These proven coalescers will efficiently remove haze from your product.



Coalescers for Caustic Treaters

Save \$150K/yr in Operating Costs

Capacity increase means reduced residence time, therefore more caustic remains in the product. The caustic causes haziness and increased levels of sodium content. This may mean that the product is off specification.

Products are caustic washed to:

- Remove acidity
- Convert Mercaptan Sulfur to Elementary Sulfur
- Remove traces of H₂S

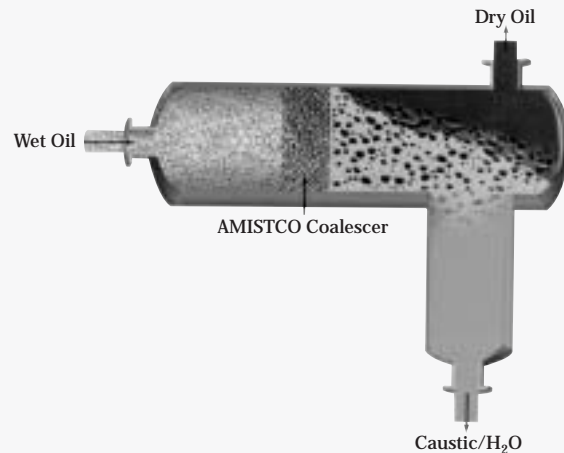
Typical Applications:

- LPG, jet fuel
- FCC gasoline
- Olefins, Alkylate

Choosing an AMISTCO Coalescer will help you clean up your treater product and reclaim your benefits.

Benefits Include:

- Reduced catalyst de-activation
- Meet sodium specification of your products
- No additional blending delays
- No increased wastewater production from tank drainage
- Reduced product inventory
- Pilot test units available to verify results



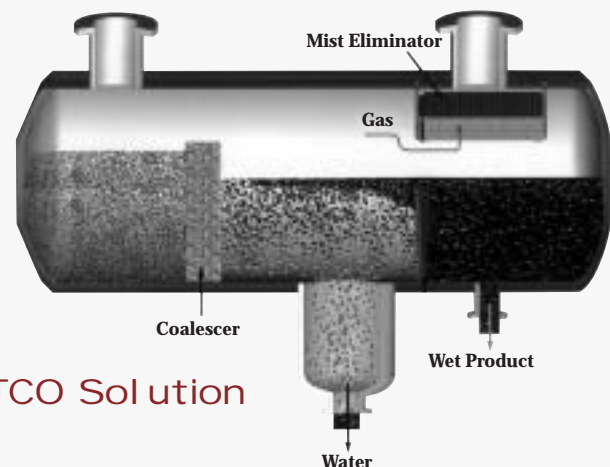
Coalescers for Distillation Tower Wet Reflux

Wet Reflux will:

- Limit your unit capacity
- Cause poor fractionation due to water vaporization
- Creates poor fractionation due to salt deposits
- Corrode the internals

Call AMISTCO today to retrofit your overhead separator with a liquid/liquid coalescer to make dry reflux, then start "RECLAIMING YOUR PROFITS."

Potential profit loss:
\$200,000/year



AMISTCO Solution

Mist Eliminators | Liquid/Liquid Coalescers | Trays Packing & Internals

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