



EC-510 Organic Adsorption System

technical specifications

Description

CETCO Oilfield Services Company offers specialty medias that are highly effective for removing oils, greases, and other low-solubility organics from water-based waste streams. These products are capable of adsorbing up to 60% (by weight) in organic matter through a distinctive platelet structure, which makes them less prone to blinding and much more efficient than granular activated carbon (GAC) for this type of application.

While these medias are superior to other adsorbent products for organic removal, they still need to be replaced periodically. They are typically applied in fixed-bed vessels, which can be time-consuming to change out.

The EC-510 utilizes our most efficient organic adsorption media, PM-199®, in easy-to-change, disposable cartridges. Each cartridge is capable of removing up to 3.5 pounds of organic matter prior to saturation and is replaced in minutes.

TYPICAL APPLICATIONS

INDUSTRIES	PROCESSES
Vibratory Deburring	Total Oil, Grease and COD Reduction
Die Cast	Aqueous Cleaning
Parts Wash	Floor Scrubbing
Truck/Tank Wash	Cooling Towers
Plating	Bilge Water

The information and data contained herein are believed to be accurate and reliable. CETCO OILFIELD SERVICES COMPANY makes no warranty of any kind and accepts no responsibility for the results obtained through application of this information. REV 7/08

System Features and Benefits

- Specialty adsorption media for removing oil and other low-solubility organic matter
- Pre-packaged disposable cartridges for easy flow-through operation
- Flow Rates: 5-10 GPM (higher flow systems available); Pressure Rating: Up to 90 psi (6.2 bar)
- Small footprint allows for minimum floor space
- 2 standard piping arrangements for versatility in flow sequence and media
- Easily adapted to existing treatment systems or as a stand-alone unit

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CETCO
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800.527.9948

www.cetcooilfieldservices.com