



# ECR<sup>®</sup> Collector Elements

EHC System Filtration Solution

## OVERVIEW

Collector elements are designed for ECR<sup>®</sup> electrostatic oil cleaners. ECR Collector elements are not classified as filters as they do not remove particles by their physical size, but rather their weight. Collectors are used to remove sub micron particulates in EHC fluid systems that are below the range of ISO4406. ECR collectors are the opposite of our ICB<sup>®</sup> filters which only remove dissolved contamination. For a complete solution, ECR collectors would be used along with ICB filtration to address both contamination types.

## REQUIREMENTS:

Fluids with elevated acids >0.15, water >500 ppm, and resistivity <8 gohms would prevent ECR collectors from working to their potential. For this reason, these values should be returned to specification using ICB and TMR<sup>®</sup> N2 first.

## PERFORMANCE MEASUREMENT:

- Patch weight at 0.45 microns
- MPC ΔL reduction
- EPT Clean Oil Fluid
- EPT Clean Oil Fluid Technical Center ACE™ testing is available until results are confirmed



## NOTES AND SPECIFICATIONS

<b>OEM</b>	EPT Clean Oil™
<b>Seals</b>	None
<b>Packaging</b>	11"x11"x25"
<b>Dimensions</b>	9"x24"
<b>Materials</b>	Aluminum and Cellulose
<b>Temp. Range</b>	100 - 150 °F
<b>Weight</b>	10 lbs
<b>Part Number Selection</b>	<p><b>600990</b> for normal operation when resistivity values &gt;8 Gohm cm</p> <p><b>600907</b> for short term operation when resistivity values &lt;8 Gohm cm</p>
<b>Replacement Interval</b>	<p>Fluid restoration (fluid out of specification or patch weight &gt;4 mg): Monthly</p> <p>Normal maintenance (in specification): 6 months / 4000 hrs</p>

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