

INDICATION	POSSIBLE PROBLEM	POSSIBLE SOLUTION
Filtrate has poor clarity and/or the filter aid bleeds through	Insufficient venting	Insure valve & piping are open to atmosphere
	Inadequate precoat or filter media too fine	Recommended precoat dosage is 10-15 lbs / 100 Ft ² of filter area
	Defective gaskets	Replace gaskets
	Inadequate flow rate	Adjust flow rate for optimum conditions
	Fluctuating pressure and flow	Stabilize pressure and/or flow
	Damaged filter screen or cloth	Replace filter screen and/or cloth
Filtrate clouds up far into filtration cycle	Fluctuating pressure	Stabilize pressure
	Filter cloth too coarse	Contact Whittier Filtration
	Damaged leaves	Inspect leaves and repair or replace as necessary
	Defective gaskets	Replace
	Other damaged mechanical parts	Contact Whittier Filtration
Solids come through when cycle begins	Inadequate precoat on leaves	Check precoat flow & precoat doses
	Filter aid or media too coarse	Contact Whittier Filtration
	Fluctuating pressure	Stabilize pressure
	Leaky leaves or manifold	Inspect leaves and manifold for damage. Repair & replace as necessary.
	Filter not assembled properly	Assemble filter per instruction manual
Recycle time is too long during precoating	Leaky leaves	Inspect, repair & replace as necessary.
	Insufficient precoat	Insure proper precoat dosage
	Leaky manifold	Insure filter manifold / filter shaft is assembled properly
Screen or cloth is plugged	Inadequate cleaning of leaves between cycles	Insure sluice operating conditions are per Whittier Filtration recommendations.
	Dirty precoat liquor	If possible precoat with filtered liquor
	Improper application of precoat	Insure precoat dosage is correct and precoat pump is working properly
	Damaged screen or worn gasket	Inspect & replace
Filter leaves are damaged	Bridging of cake space	Do not exceed differential pressure. Sluice leaves frequently
	Uneven cake formation	Check inlet baffle for proper adjustment
	Mechanical misuse	Check leaves for blinding. Use leaf racks when possible