

# Hot Lime Softener Filter

INDUSTRIAL FILTRATION | LIME SOFTENING WATER TREATMENT | LIME SOFTENING PROCESS

## Alberta Energy

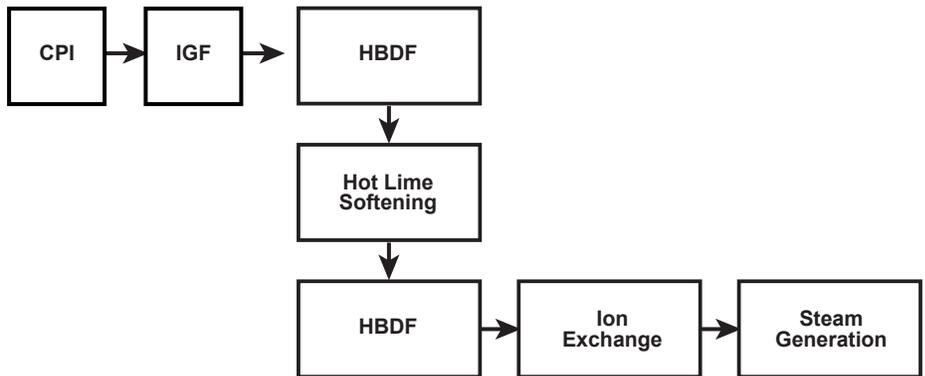
PRODUCT USED:

Walnut Shell Media Filters



END USER:	Alberta Energy
LOCATION:	Alberta, CA
UNITS:	(2) FDB-78P Oil Removal Filters, (2) FDB-113P Softener Filters (1) FDB-113P Oil Removal Filter, (1) FDB-113P Softener Filter
RATE:	Oil Removal: 2,600 gpm (90,000 BPD) (590 m3/hr) Softener: 3,450 gpm (120,000 BPD) (780 m3/hr)
PROCESS:	Process 1: Oil removal from water, prior to hot lime softening. Process 2: Softening prior to ion exchange, post lime softening

### LIME SOFTENING WATER TREATMENT-PROCESS FLOW DIAGRAM



### MORE INFO

The Deep Bed Filter is implemented in the Oil Removal step (ORF), prior to the lime softening process, and the Softening step (After Filter), post lime softening.

At the site, the oil removal filter influent is between 100 ppm and 300 ppm with an effluent less the 3 ppm oil and solids. After lime softening water treatment, the softener is

then used for solids removal and polishing before ion exchange. The softener effluent is consistently less than 1 ppm TSS.

**Learn how you can afford a bigger better and more efficient oil removal filtration system than you thought! Call 248-427-9090, today.**