

Filtration Test completed on Lakos Separator Model: eHTX-0420-L

The filter assembly was installed with test components defined as follows:

- 1) 12" venturi-type flow meter
- 2) 55 micron disc filter assembly
- 3) 6" pipe spool with sand-injection pump
- 4) Separator under test
- 5) 6" pipe spool
- 6) 20 micron disc filter assembly

Test Conditions: 950 US gpm, 15.5 psi loss

Media Sample	45-75 micron: 200 grams Media: Quartz, specific gravity: 2.6, Silicon Dioxide by Powder Technology Inc
Media Recovery	From downstream filters: 7.9 grams
Filter Efficiency	$192.1 / 200.0 = 96.1\%$

Test Date: May 8, 2014



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