

Filtration Test completed on Lakos Separator Model: eHTX-0090-V

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

- 1) 3" turbine-type flow meter
- 2) 20 micron disc filter assembly
- 3) 4" pipe spool with sand-injection pump
- 4) 3" pipe spool
- 5) Separator under test
- 6) 3" pipe spool
- 7) 20 micron disc filter assembly

Test Conditions: 200 US gpm, 11.4 psi loss

<b>Media Sample</b>	45-75 micron: 75 grams  Media: Quartz, specific gravity: 2.6, Silicon Dioxide by Powder Technology Inc
<b>Media Recovery</b>	From downstream filters: 1.0 grams
<b>Filter Efficiency</b>	$74.0 / 75.0 = 98.7\%$

Test Date: August 1, 2012



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