

Filtration Test completed on Lakos Separator Model: eJPX-0055-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) 2" pipe spool with sand-injection pump
- 4) 1.5" pipe spool
- 5) Separator under test
- 6) 1.5" pipe spool
- 7) 20 micron disc filter assembly

Test Conditions: 85 US gpm, 12.0 psi loss

<b>Media Sample</b>	45-75 micron: 50 grams  Media: Quartz, specific gravity: 2.6, Silicon Dioxide by Powder Technology Inc
<b>Media Recovery</b>	From downstream filters: 1.3 grams
<b>Filter Efficiency</b>	$48.7 / 50.0 = 97.4\%$

Test Date: December 12, 2012



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