

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

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

Test Date: December 12, 2012



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