

Filtration Test completed on 3" Automat Hydrocyclone Model: 146M

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

- 1) 4" Octave Magmeter flow meter
- 2) 20 micron disc filter assembly
- 3) 3" pipe spool with sand-injection pump
- 4) Hydrocyclone under test
- 5) 3" pipe spool
- 6) 20 micron disc filter assembly

Test Conditions: 220 US gpm, 10.2 psi loss

Media Sample	75 grams Media: #120 Feldspar by P.W. Gillibrand Co
Media Recovery	From downstream filters: 9.6 grams
Filter Efficiency	$65.4 / 75.0 = 87.2\%$

Test Date: January 21, 2015



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