

Absorbancy Analysis

Summary of Envirotest Analytical Reports 2005022
Dated 21 January 2005 & 2005022B dated 21 March 2005

The following is a summary of test results for the oil absorbency capacity of Sokerol®. The tests were conducted by Envirotest Pty Ltd. Envirotest is an independent laboratory for the scientific assessment of environmental solutions, they are located at Mt. Gravatt Research Park, Nathan, QLD 4111 and may be contacted on +61 (0)7 3343 6066 or envirotest@uq.net.au

Procedure

Testing based on ASTM Standard Method of Testing Sorbent Performance of Absorbents (F726-99). The oil used was Shell motor oil 20W/50.

Sample 1 (consisting of particles greater than 1mm)

Method: The sorbent is weighed and placed in 1mm sieve to remove particles <1mm. The sample is then reweighed and placed in a fine mesh basket that is lowered into oil and after 15 minutes the sorbent is removed and allowed to drain for 2 minutes. The sorbent is then weighed again.

Sample 2 (Grab sample includes particles of all sizes)

Method: The sample is weighed and saturated with oil, drained for 2 minutes and reweighed.

RESULT SUMMARY

TEST NUMBER	SAMPLE	PICK-UP RATIO	
		g oil / g Sokerol®	L oil / kg Sokerol®
2005022	1	1.6	1.8
2004022B	2	2.2	2.48