

Advance Biotechnologies of Canada

“Advanced Microbiology for a Clean, Safe Environment”

Bio Cube HC Oily Sump Maintenance

Bio-Cube HC is an improved biological product, specifically formulated and packaged for use in sumps containing hydrocarbons.

To assure optimal performance of these organisms, under the toughest conditions, they are produced and blended together with “high potency” nutrients and stimulants.

SLOW RELEASE = disperses bacterial product as it dissolves!

Bio-Cube HC also contains specialty penetrants and surfactants, which loosen and liquefy heavy grease deposits, thereby assisting in their biodegradation.

How long will it last?

Field experience has shown that in a pumping station with a flow of 500,000 gpd, the Bio-Cube HC should last 30 days. This is not to say however that in a station with a flow of 50,000 gpd that the Bio-Cube HC will last 300 days. We have had reports of the Bio-Cube HC lasting as long as three weeks. One customer with a pumping station with a flow of 780,000 gpd reports that the product lasts on an average of 40 days.

Specifications:

Form: Solid
Color: Brown
Nutrient Content: Biological nutrients & stimulants
Plate Count: 3 billion per gram

Packaging:

Bio-Cube is packaged specially to maximize performance in sumps and pits.
2 lbs. cube in a mesh application bag, 12 per case
5 lbs. cube in a mesh application bag, 4 per case

Storage:

DO NOT FREEZE! Store in a cool dry location. Do not inhale dusts, avoid excessive skin contact. SEE M.S.D.S.

Applications Instructions:

Add the Bio-Cube directly to the lift station.

1. When locating the Bio-Cube in the sump, DO NOT place Bio-Cube directly into the flow of incoming waste. The turbulence and “washing effect” will greatly reduce the longevity of this product. Ideally, the Bio-Cube should be placed in a less turbulent area of the sump, but not in a dead spot.
2. Bio-Cube should be suspended in the sump so that it is always submerged in water, even at the lowest water level. This will assure maximum contact time with the organics providing superior results.
3. If a grease shelf is present during placement of Bio-Cube, it is recommended to raise the high level flow so that the bacteria can attack the grease shelf from the top, bottom and sides.
4. Results should be obtained in four to eight weeks from the time of application. If grease shelves are present at the time of application, a longer period of time may be required to obtain results.

<u>Pit Size</u>	<u>Maintenance</u>
1,000 gallons	2 lb. per month
5,000 gallons	5 lb. per month
10,000 gallons	5-10 lb. per month
20,000 gallons	10 lb. per month

Dosage Rate vary with flow rates, retention times and oil accumulation. This rate is for a typical industrial sump or pit.

Benefits of Bio-Cube HC:

- Keep floats clean
- Reduce grease build-up headaches
- Prevent emergency blockages
- Save on line jetting
- Lower grease disposal costs
- Reduce odors

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BioCubeHCPDS

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