

Enzymatic

Test for Harrington Pty Ltd

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It is the objective of this report to give the reader a full appreciation and working knowledge of the areas and methodology used in the test

Navigation is very simple to follow:

- **Click on the links to the left**
- **Use the contents button on the top menu**
- **Use the search button on the top menu and type in your request : "enzyme"**
- **Best viewed in Internet Explorer**

Test Document

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Enzymatic

Hydrocarbon Test



The water filled glass vessels prior to the inclusion of Enzymatic.

This equipment is used specifically for odour testing as they are wide at the top and can be moved to fresh air for sampling.

Oil added to water.



**Enzymatic Added 30 mls
of oil and 30 mls of
Enzymatic.**

**Odour control was
instant.**





This sample has been agitated and stirred every now and again during the this time.



More water was added to the control to balance the levels for viewing.



During this time the oil depth has been reduced considerably and the stirred mass is clearing more rapidly.

Conclusion:

Both odour control and oil digestion has taken place.

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Enzymatic

Hydrocarbon Test



380 mls of water and 80 mls of oil sample were place in the jar along with an air supply. The purpose was to replicate normal movement.

It was turned on for 3 minuets about four time a day.

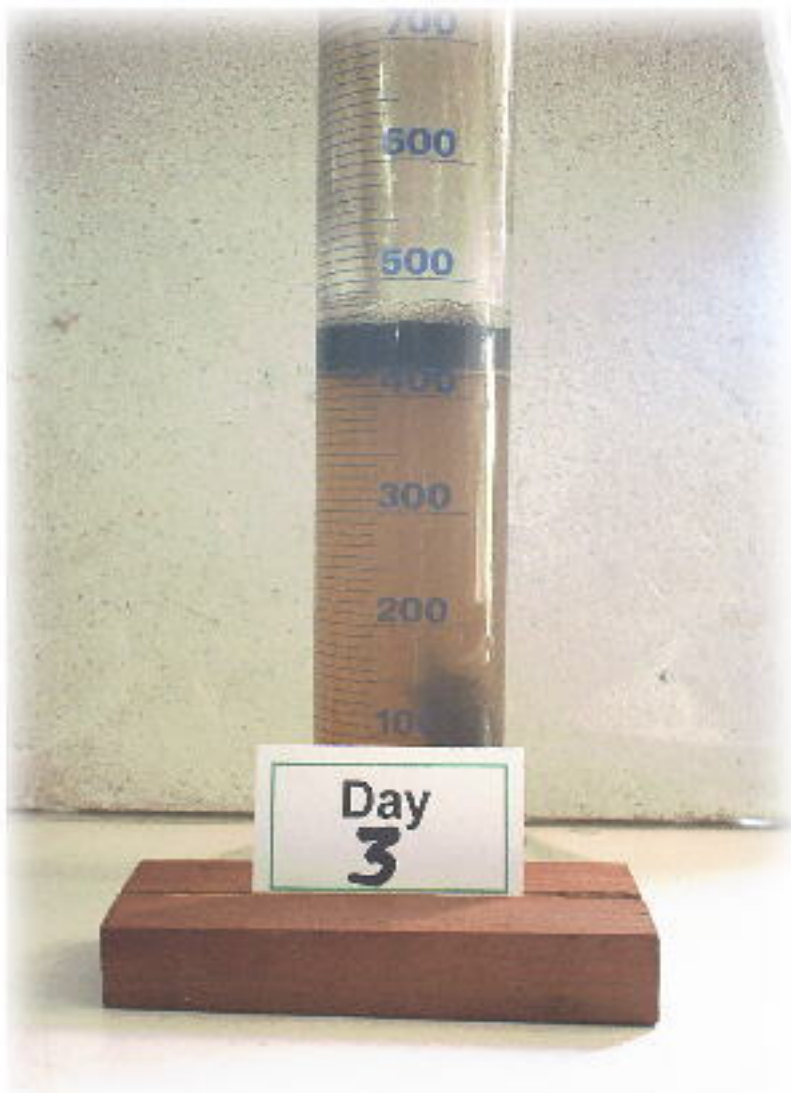
80 mls of Enzymatic added

total liquid here 540 mls



Air turned on.



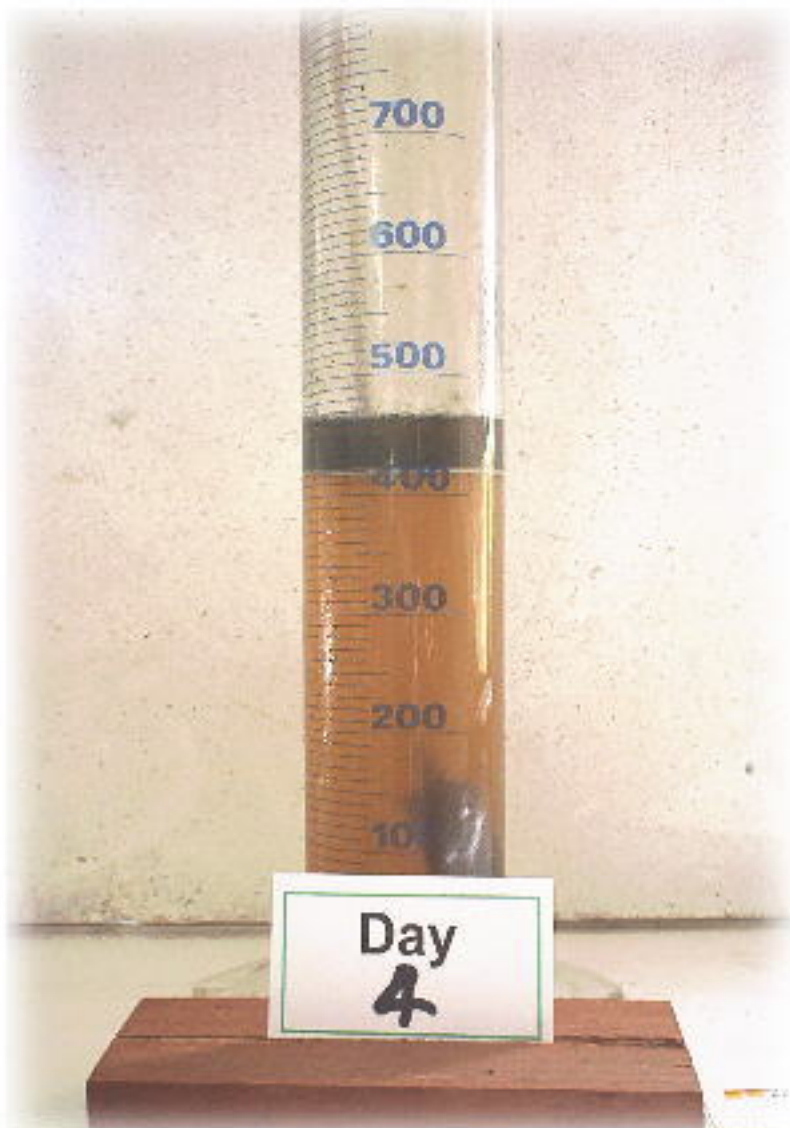


Day three and changes in the oil depth are really starting to show.

Enzymatic action converts oils and contaminates to Oxygen and water.

**Total liquids at this stage
450 mls**

Oil down to 30 mls.

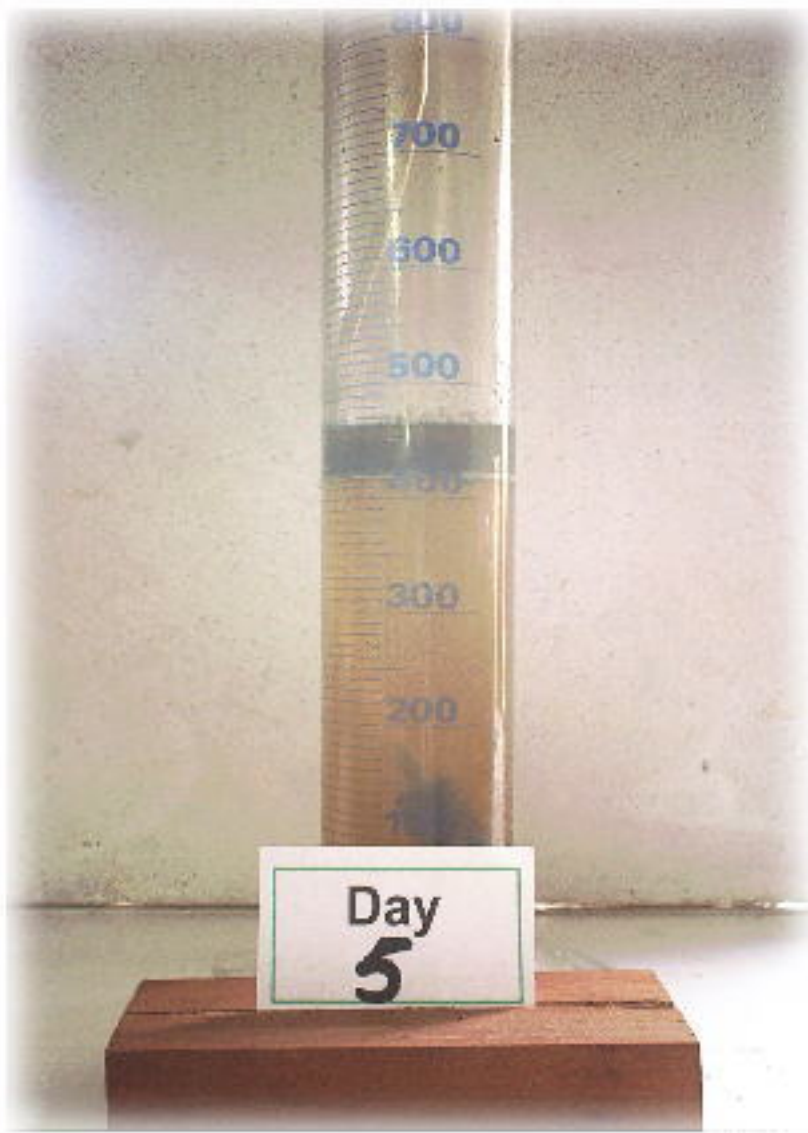


Time ran out so this is the final day and is down 10 mls of oil from yesterday.

Conclusion:

In just five days Enzymatic has reduced 80 mls of oil to less than 30 mls.

A reduction of 62% in 5 days.



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Enzymatic

Hydrocarbon Test



**Oil waste dropped into 125
mls of water and 30 mls of
Enzymatic**



Visual result after emptying the 3 mls pipet into the mix. The oil globule is very clear.

The sample was stirred very occasionally during the test



There was very little evidence of any oil at day two.



This is not good photography but the sample is clear of any oil contamination.

Conclusion:

Three very separate and different tests gave rapid evidence that Enzymatic digests Hydrocarbons and organic matter in waste water.

It would have been preferred that the test be

**run over ten days as this is
the life cycle of Enzymatic.**

**All test carried out by: Brian
Jackson.**



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Conclusion

Three very separate and different tests gave rapid evidence that Enzymatic digests Hydrocarbons and organic matter in contaminated waste water.

The most outstanding action of Enzymatic is that there can be no reconstitution at any stage down line because the end product is simply Oxygen and Water.

It would have been preferred that the test be run over ten days as this is the life cycle of Enzymatic.

These test though accurate where not carried out in an accredited laboratory and are purely a photographic record of the facts.

All test carried out by Brian Jackson.

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