

## CASE STUDY

# BCP22, HYGIEA 2600 AND STIMULUS DRAIN TREATMENT TEST (SEPTEMBER 11, 2004 TO SEPTEMBER 27, 2004)

**SEPT. 11 (SATURDAY) 19:10**

On opening the cover, a strong odor was detected



- 100 cm x 50 cm x 50 cm (250L)
- Daily water usage: 1 ton at 90°C (asked to drop the water temperature to 75°C)
- BCP22 - 30g mixed with STIMULUS - 150 ml were applied



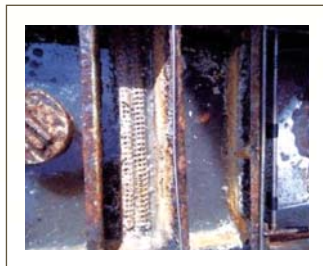
**SEPT. 14 (TUESDAY) 14:00**

On opening the cover, the odor is reduced 50%



**SECOND APPLICATION SEPT. 14, 19:00**

- BCP22 - 10g mixed with STIMULUS - 100ml
- From this date on, every day after work, a mixture of BCP22 and STIMULUS was applied in the cleaning water flow to clean the oil



# BCP22, HYGIEA 2600 AND STIMULUS DRAIN TREATMENT TEST

(SEPTEMBER 11, 2004 TO SEPTEMBER 27, 2004)

**SEPT. 15 (WEDNESDAY) 16:00**

After work, the oil separated from the water.



**SEPT. 17 (FRIDAY) 11:00**

After finishing work, the oil resurfaced. Aeration at 2ppm was started today

**3<sup>RD</sup> APPLICATION: SEPT. 17 11:30**

BCP22 - 35g as 1% solution was mixed with STIMULUS - 100 ml

**4<sup>TH</sup> APPLICATION: SEPT. 18 13:30**

BCP22 - 35g as 1% solution was mixed with STIMULUS - 100 ml

**5<sup>TH</sup> APPLICATION: SEPT. 21 AFTER WORK**

BCP22 - 35g as 1% solution was mixed with STIMULUS - 100 ml

**SEPT. (THURSDAY) 16:00**

After finishing work, the oil was cleared.



**6<sup>TH</sup> APPLICATION: SEPT. 24 AFTER WORK**

BCP22 - 35g as 1% solution was mixed with STIMULUS - 100 ml

# BCP22, HYGIEA 2600 AND STIMULUS DRAIN TREATMENT TEST

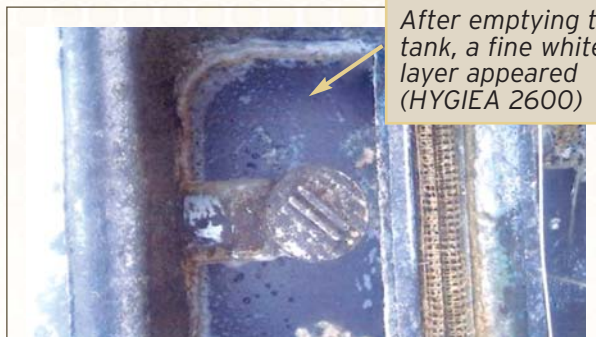
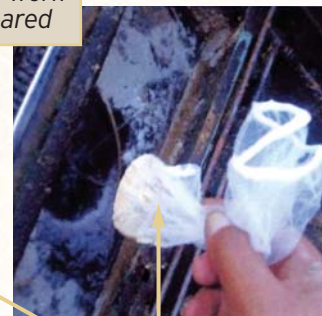
(SEPTEMBER 11, 2004 TO SEPTEMBER 27, 2004)

SEPT. 25 (SATURDAY) 15:30

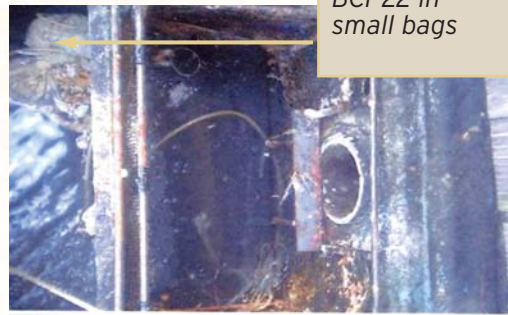
On the 23<sup>rd</sup> there was some oil residue on the grease trap but it cleared today



After finishing work the oil was cleared



After emptying the tank, a fine white layer appeared (HYGIEA 2600)



BCP22 in small bags

7<sup>TH</sup> APPLICATION: SEPT. 25<sup>TH</sup> (SATURDAY) 15:30

BCP22 - 35g as 1% solution was mixed with STIMULUS - 100ml and HYGIEA 2600 - 200 ml. Because it was Saturday, at 11:30 the work was finished, so the oil cleared in 5 hours.



8<sup>TH</sup> APPLICATION SEPT. 25<sup>TH</sup> (MONDAY) 17:30

After work BCP22 - 35g as 1% solution mixed with STIMULUS - 100ml was applied. It took 5 to 8 hours for the oil to clear, due to longer usage than on September 25th. 15 to 20 days later, the microorganism effect became lower.