

## PROCEDURE FOR THE CONTROL OF THE STRENGTH OF BLACKFAST 933 SOLUTION

PURPOSE: To maintain the correct solution strength of Blackfast 933.

SCOPE: All Blackfast 933 treatments.

- PROCEDURE:
- 1 Fill a 100cc graduated measuring cylinder with 90cc of Blackfast 933.
  - 2 Add 10cc of 1 molar aqueous Hydrochloric Acid and shake the cylinder for 1 minute.
  - 3 Allow the cylinder to stand overnight.
  - 4 The following day determine the amount of separated oil in ml.
  - 5 Addition of new Blackfast 933 should be made by pre-mixing a concentrated solution of equal parts of 933 and warm water.  
The emulsion is added to the tank whilst mixing.
  - 6 The following table indicates the necessary addition to the tank solution.

ML OF SEPERATED OIL	BLACKFAST TO BE ADDED TO TANK (LITRES)			
	20.00	75.00	100.00	200.00
18.00	0.00	0.00	0.00	0.00
17.00	0.20	0.75	1.00	2.00
16.00	0.40	1.50	2.00	4.00
15.00	0.60	2.25	3.00	6.00
14.00	0.80	3.00	4.00	8.00
13.00	1.00	3.75	5.00	10.00
12.00	1.20	4.50	6.00	12.00
11.00	1.40	5.25	7.00	14.00
10.00	1.60	6.00	8.00	16.00
9.00	1.80	6.75	9.00	18.00
8.00	2.00	7.50	10.00	20.00
7.00	2.20	8.25	11.00	22.00

7      Chemicals required      1 molar aqueous Hydrochloric Acid