Alkalinity **56I700140-3**

0.025 - 6 % NaOH **Conveyer Lubricants**

Material

Reagents	Packaging Unit	Part Number
Alkalinity Reagent ALK3	65 mL	56L013265
Alkalinity Indicator MR1	65 mL	56L040765
Alkalinity Indicator Screened Methyl Orange	65 mL	56L053765

The following accessories are required.

Accessories	Packaging Unit	Part Number
Syringe, plastic, 20 mL	1 pc.	56A006501
Titration jar with cap, plastic, 60 mL	1 pc.	56A006701

Application List

- Disinfection Control
- Food and Beverage

Notes

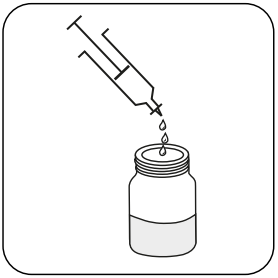
1. **Conveyer Lubricanta:** This test requires calibration with individual products. Prepare known standard solulions and test according to the method below.
2. Perform the test with site water (without lubricant, result B) and in use water (with libricant, tesult T).
   The factor is calculated by dividing the concentration of the standard by (result T - result B).
   Testing a 20mL sample of a 2 % solution of Product Y
   Result B = 5 Drop Alkalinity Reagent ALK3
   Result T = 25 drops of Alkalinity Reagent ALK3
   FACTOR = 2 / (25-5) = 0.1
3. Colours may vary depending on sample and test conditions.

Sampling

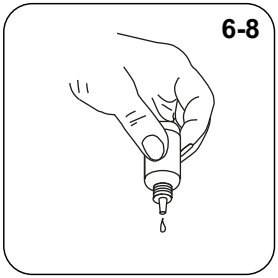
Select the sample volume from the table according to the expected measuring range and read off the factor to calculate the result.

Expected Range	Titrant used	Sample Size	Factor
Y	Alkalinity Reagent ALK3	40	
	Alkalinity Reagent ALK3	20	
	Alkalinity Reagent ALK3	10	
	Alkalinity Reagent ALK3	5	

Determination of Conveyer Lubricants



Attention!Select the appropriate sample volume according to the instructions in the chapter Sampling.

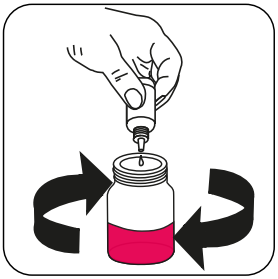


Add **6-8 drops Alkalinity Indicator MR1**.

If color changes to pink red, take result (B=0).

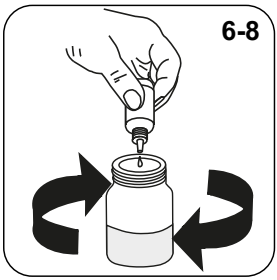
If color changes to yellow, continue titration.

Attention! Record the number of drops that will be added. **(B)**
Note: Make sure to swirl the jar after adding each drop!

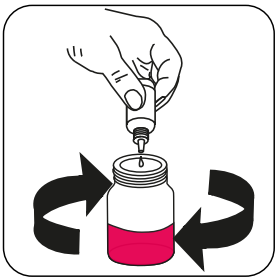


Add drops of **Alkalinity Reagent ALK3** to give a **red pink** colour.

Attention!Select the appropriate sample volume according to the table in the notes.



Add **6-8 drops Alkalinity Indicator MR1**.



Add **Alkalinity Reagent ALK3** drop by drop to the sample until colouration turns from **yellow** to **red pink**.

Make a note of the result (T).

Calculate test result: concentration = (T-B) x factor