Flexachem
Supporting Manufacturing
& Process Industries since 1982

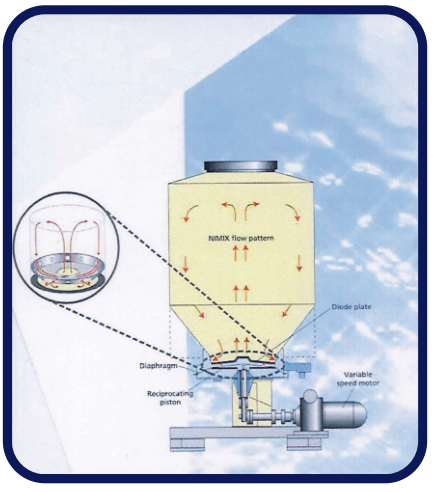
DELIVERING MECHANICAL PRODUCTS & PROCESS SOLUTIONS

Cork: 021 4617200 Dublin: 01 6874658 Belfast: 028 9587 0012 Website: www.flexachem.com

Case Study: Soup Holding Vessels - Mixing Solution

Problem:

Damage of particles in soup make-up. Conventional Mixers were not able to keep the soup in suspension without shearing the particles. The mixer had to remain working all the time during a hold process before filling into small 1 litre tubs. The hold process was required to keep the soup at 80 deg C.



Context:

Geest Ltd, a leading manufacturer of sauces, soups and dressings were looking for a Soup Holding Vessel which could cater for having % solids evenly suspended and distributed throughout the soup but yet not fully homogenised..

FLEXACHEM/CHEMINEER SOLUTION:

With NIMIX, the mixer could be shut off and only re-suspend when required to fill, as the NIMIX can quickly re-suspend the materials without damaging the particles and get everything up from the base of the mixer. Alot of trials were carried out on this to ensure that they could maintain suspension and fill off into small tubs ensuring that the % solids in the soup was tightly controlled.

BENEFITS OF THE NIMIX:

- Homogeneous suspension
- No particle damage
- Even distribution to vessel bottom
- Mobile sealed container
- Ability to CIP (clean in place)
- Design passed contaminated broth trials
- Ability to pull vacuum and to use steam cleaning