

Case Study

Voermol, Tongaat, South Africa

Liquid Animal Feed Production

Increase production 1200% Reduce mixing time from 3hrs to 15Min



Scenario:

- Liquid Animal feed produced using 14 tons Molasses and 7 tons Urea and trace elements
- Mixing time 3hours for a 20 ton batch.
- Urea do not mix properly with molasses causing additional mixing in holding tanks
- Inconsistent lab results batch by batch.
- Huge Loss in production time.

Solution:

- Install a Turbulator 55kW High Speed High Shear mixer into the main mixing tank.
- Increase the screw conveyor speed to get Urea in faster.

Result:

- Reduce total mixing time to 15Min per batch.
- Increased production.
- Exceed lab results batch by batch.
- Reduce production cost by 75%

