

## Application Bulletin

Process Conditions	
Industry	Food & Beverages
Application	Sugar production
Medium	Sugarcane juice
Products	Larox valves
Temperature	60°C

### Larox Valve Success in Sugar Production

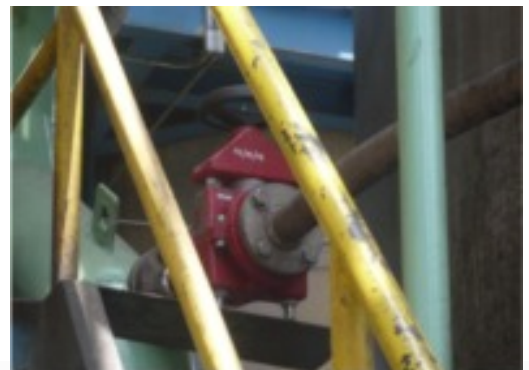
***Larox Flowsys provided a solution for a sugar producer in South America. Larox valves are operating successfully in a process of sugarcane juice which is highly abrasive medium.***

Previously used, all other valve types failed to operate in this difficult medium and the valves broke down only after two weeks after installation. Since their installation Larox valves have been operating without interruption already ten times longer than the conventional valve types. Two Larox PVE50 valves are installed on tank where Milk of Lime is added to sugarcane juice to accelerate the process of coagulation.

Larox valves are ideal for this application as the elastic sleeve ensures that the valve does not jam or clog even if it has been closed for a longer period. The core of a pinch valve is the sleeve which is the only part in contact with the process medium. As the other valve types such as butterfly and diaphragm valves do not have that feature they fail to meet the requirements in these demanding process conditions.

Larox pinch valves provide numerous benefits over metal valves:

- Larox valves are 100% tight when closed
- 100% full bore in open position
- High wear resistance
- Low maintenance costs
- Long service intervals



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