

FGP Food Grade Precleaner Removes Carryback And Reduces Maintenance Cost

Industry:

Vegetable processing

Application:

Conveying peas, lima beans, and corn

Product:

FGP Food Grade Precleaner

Objectives:

- Remove carryback
- Reduce maintenance time and cost

Conveyor Detail

- 18" wide rubber modified vinyl, mechanically fastened
- 9" head pulley
- 42" wide modular plastic
- 6" head pulley

**Problem:**

A major fruit and vegetable processor in the U.S. was experiencing large amounts of product carryback on the conveyor belt that was not being properly removed by homemade cleaners. The peas, lima beans and corn that were being conveyed caused damp, sticky, and sometimes gritty particles to cling to the belt. Not only did this create a maintenance headache as carryback was sticking to the belt and various components, but the cleaner itself was difficult to clean and maintain.

Solution:

The homemade cleaner did not have a tensioning system so nothing was ensuring the blade-to-belt contact needed for proper cleaning. The FGP Food Grade Precleaner from Flexco was introduced, providing both a tensioning system and easy maintenance.

Result:

The plant's maintenance manager is impressed by the cleaning performance of the FGP and finds installation, tension adjustment, and disassembly to be quick and simple for his crew. The cleaning ability virtually eliminates carryback, drastically reducing the amount of time the maintenance team spends cleaning excess materials off the belting and other conveyor components. The FGP also eliminates carryback that falls on to the floor and creates a hazardous situation.