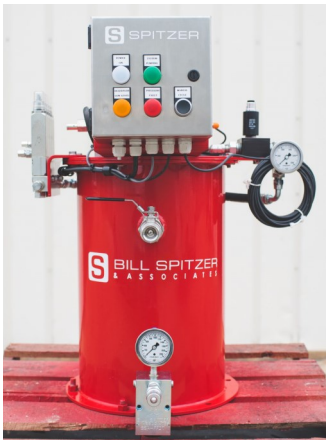




BILL SPITZER & ASSOCIATES

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<http://www.billspitzerassoc.com/>



Food Oven Chain Lubrication System to Eliminate \$6,000 per Hour of Downtime

Date: May 2021

Location: Sherman, TX

Lubrication System: Orco VSR

Application: Oven Chain

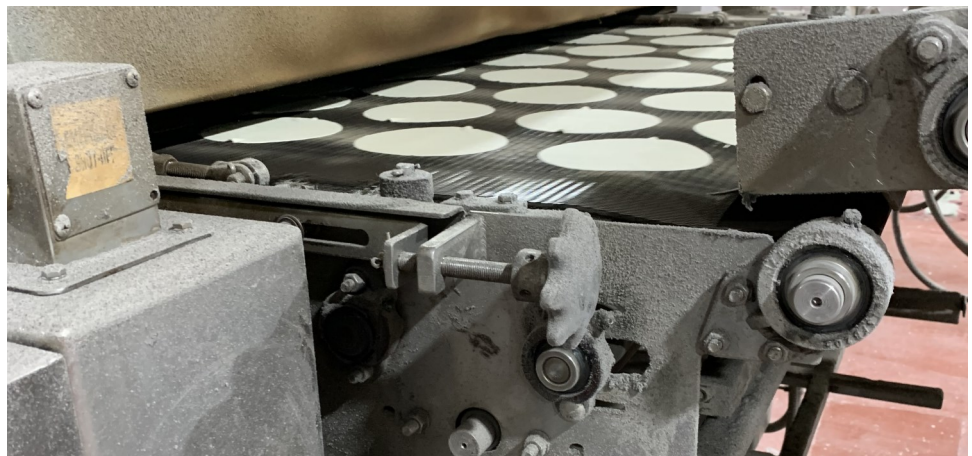
Equipment: JC Ford Single Tortilla Oven



Client: A family owned American food company that operates in USA and Canada. The organization began in the 1960's from recipes of their mother and employs over 3,500 team members. The company has six brands and the facility in Texas was visited by the President in 2004.

Key Outcomes:

- * Proposed 4 options with various components and efficiencies to meet the demands of reliability and budget
- * Designed and installed a customized spray oil lubrication system for the tortilla oven chain to match the OEM specifications
- * Eliminated the risk of costly downtime from a faulty lubrication equipment system with newer lubricant dispensing technology and flawless commissioning of the chain lubrication system
⇒ *\$120,000 per production day or \$6,000 per hour*





Before Installation



Bill Spitzer & Associates was called to inspect a malfunctioning tortilla oven chain lubrication system. We arrived on-site to provide a free of charge site investigation report and designed 4 lubrication system solutions. These systems had varied plans and installation requirements for the customer to determine which would meet operational and budgetary needs. After option 1 was selected, Bill Spitzer & Associates installed and commissioned the lubrication system ahead of time and under budget.



Proposed & Selected Option 1: Orsco VSR Oil Spray Lubrication System

- * System design for one network
- * (1) 120 VAC VS assembly
 - (2) 0.060cc non-adjustable injectors
- * Assembly configured for dual regulator
- * Millennium time to control injector cycle
 - On-Time Range: 0.1-5 seconds
 - Off-Time Range: 2-200 seconds
- * Filter-regulator pressure switch assembly
 - 5 μ , auto drain
- * Manual fill 4000 mL oil reservoir
 - Internal strainer & low-level switch
- * All devices supplied with 5 m cables
- * Stainless steel tube compression fittings
 - Injector oil outputs (1/8" OD)
 - Nozzle air outputs (1/4" OD)
- * 6 Hours of certified technician installation
- * On-site training of system for maintenance



Bill Spitzer & Associates saved the customer the risk of \$6,000 per hour (\$120,000 per production day) of downtime with our lubrication system, installation, commission, and PM plan

Solutions: Bill Spitzer & Associates (BSA) created and installed a customized lubrication system for the customers needs. The uniquely technical aspects of lubrication

systems can be solved with BSA differentiated proficiency and aptitude. Furthermore, BSA advances customers to become more profitable, timely, and productive with

the solutions we create together. BSA additionally provided on-site maintenance training and continues to supply appropriate preventative maintenance services to assure lubrication reliability. BSA is with the client every step of the way to prevent minor mistakes creating major mishaps. We also enjoy tocos.



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We exist to take care of customers

<http://www.billspitzerassoc.com/>

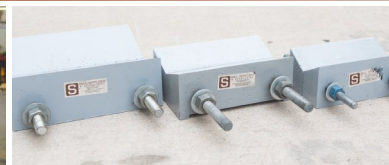
CORE PRODUCT PARTNERS:



Wilson Anchor Bolt Sleeve



LUNETTA



Our Story

Bill Spitzer and Associates, Inc. (BSA) was founded in 1978 by Bill Spitzer, Shirley Spitzer, and Jim Mosebrook with a primary focus on servicing reciprocating compression equipment used in the pipeline, oil and gas, petrochemical, and refining markets. Lincoln Lubrication Systems, ITW foundation products (Previously Philadelphia Resins), and Spitzer Enterprises air filtration systems were the primary product lines. The addition of Alemite Oil Mist systems, Superbolt technologies, specialty ready mix concrete designs, industrial coatings, and anchor bolt

products created opportunities to expand into a wider variety of new markets: food and beverage, heavy and light manufacturing, construction, over the road equipment, liquefied natural gas (LNG), oil well servicing equipment, pulp and paper, power generation, railways, and many more. We continue to support these markets with an evolving portfolio of products and services.

We proudly serve
NM, TX, LA, MS, AL,
GA, SC, & FL

Currently, BSA still employs a small business mindset that started back in 1978; however, BSA has methodically grown and integrated competitive advantages, differentiation, modernization, and technological advancements. Connor Spitzer, 3rd generation, commenced his leadership in 2014 to merge an "old school" mentality with an improved focus continuous process improvement and strategic planning methods. All of these adaptations are performed with one goal in mind, ensuring customers receive the best possible service and support found or available everyday.