

CASE STUDY

LUBSOIL® SYNTHETIC FOOD GRADE PENETRATING OIL (5150)

Large Food Processing Facility – McKinney, Texas, United States
Food Preparation and Packaging Plant

APPLICATION

A multi-purpose, high-performance lubricant used to provide lubrication in hard-to-reach areas inside food processing plants. It's NSF, H-1 certified and made to penetrate and prevent rust and corrosion, as well as clean and protect chains, hooks, springs and bolts in all temperatures throughout the food processing plant. This product may be applied by mist and/or flood applications.

CHALLENGES

Challenges arose when the previous supplier's product could not provide adequate protection throughout the facility in below-freezing conditions. It only provided a short amount of protection in humid conditions as well. The product caused rust issues throughout the facility and was not penetrating dirt, grease or corrosion in a timely matter. We needed to provide a product that will produce effective results in various climates throughout food processing plants.

ACTIONS TAKEN

Understanding the consumer's needs at the current time and providing a solution was the focal point of the issue. Tulco provided a cost-effective solution that would provide enhanced rust protection and accelerate the removal of contaminants between nuts and bolts throughout the facility. Providing a product with a slower evaporation time allowed maintenance to spend less time reapplying a corrosion inhibitor on various pieces of equipment, making the work environment more efficient on a day-to-day basis. After comparing the previous supplier's lubricant to the Lubsoil® Synthetic Food Grade Penetrating Oil, the decision was made that the Lubsoil® product would provide adequate protection in all temperature ranges of the facility and also decrease the need to keep reapplying a protective barrier on the equipment.

TULCO OILS LUBSOIL® SOLUTION

Lubsoil® Synthetic Food Grade Penetrating Oil

RESULTS

Lubsoil® Synthetic Food Grade Penetrating Oil was applied throughout the facility and has continued to protect against and break through corrosion. The time spent applying penetrating oil has drastically decreased, as it is not evaporating quickly, making the cleaning processes more time-efficient for employees.

