

PENETRANTS • FUEL TREATMENTS • DEGREASERS • INDUSTRIAL LUBRICANTS • RUST SOLUTIONS

## CASE STUDY KROIL HELPS MANUFACTURERS KEEP A LID ON MAINTENANCE COSTS



Manufacturing machinery is always in use, as goods and products of all types are churned out to meet market demands. Packaging manufacturers, for example, specialize in producing flexible, rigid, metal, wood and other packaging materials. They constantly rely on machinery such as high stress presses, high speed stampers, bodymakers and more. This equipment is made up of myriad moving parts.

### The Challenge

To ensure proper - and profitable - operation, manufacturing maintenance professionals are always inspecting and servicing these machines. When equipment is down for service, getting everything back online is crucial, as just a minute of downtime can cost over \$14. Annual maintenance overhauls can take days to complete and are typically scheduled in the fall and winter.

#### DID YOU KNOW?

## \$218 BILLION

Anticipated value of the US packaging industry by 2027

## 3 MILLION

Tons of paper, plastic, metal and other materials collected and recycled annually by a major packaging manufacturer

## \$849

Hourly cost of downtime for a packaging production line



## How Does Kroil Solve the Problem?

HEAR FROM INDUSTRY PROS







## The Solution

### KROIL PENETRANTS

Manufacturing maintenance pros have trusted Kroil Penetrants for decades to ease equipment disassembly and repair. Production lines are highly integrated, so if one piece of equipment goes down, the entire line goes down. This southward spiral can happen very quickly, which makes fast-acting Kroil especially beneficial, as it often saves hours of additional work. Kroil is used to help loosen stuck bolts and fasteners and pre-treat metal parts prone to rust and corrosion, particularly on equipment that hasn't been taken apart for a while.

## The Results

“I’ve been doing this since 1978, and know what works. I have never found a product that can equal Kroil.”

**JEFF B, MANUFACTURING SHOP AND FACILITIES MANAGER**

“We always have Kroil in our toolbox, because we know it is the only thing that will help us get the job done. We believe in the product.”

**MARK S, MANUFACTURING MACHINIST**



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