# CONTAMINATION IS THE LEADING CAUSE OF LUBRICANT-RELATED EQUIPMENT FAILURE

#### WHAT DOES THE DATA SAY?





New oil **does not** meet cleanliness requirements of the equipment





Bearing failures are **lubrication-related** 





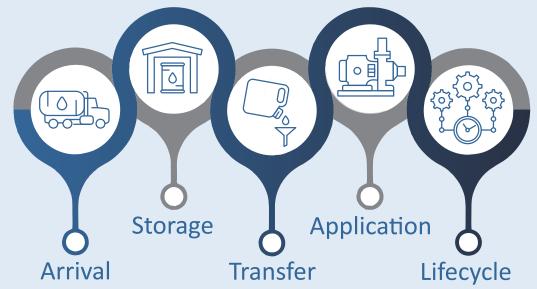
Bearings **do not** reach their life expectancy





"...of PM tasks have essentially no value" John Mitchell

## WHERE TRICO OPERATES.













# TRICO

#### **PROGRAM SAVINGS**

#### \$10M

Total annual maintenance budget

#### 12%

Average of maintenance budget is spent on poor lubrication

# \$1.2M to the bottom line

was realized by a tissue mill through holistic lubrication program implementation

## **SOLUTION BENEFITS**



Improved equipment component life and operating efficiences



Reduced parts, labor and lubricant costs



Maximized equipment uptime



Minimized lubricant consumption, waste and environmental impact



Reduced repeat failures and downtime

#### WHO WE SERVE.



**POWER/ENERGY** 

Boiler Feed Pump Kit Cooling Tower Kit Circ Water Pump Kit Oil Sampling Products



**PULP & PAPER** 

Hydraulic Breather Kit Filtration Products Sampling Products Grease Dispensers



**CHEMICAL/REFINERY** 

Boiler Feed Pump Kits Circ Water Pump Kits Hydraulic Breather Kit Filtration Systems



**FOOD & BEVERAGE** 

Gearbox Kit
Filtration Systems
Sampling Products
Grease Dispensers



WASTEWATER TREATMENT

Gearbox Kit
Desiccant Breathers
Sampling Products
Grease Dispensers

## HOW WE DO IT.

#### **Discovery Process**

Trico's discovery process is a customized approach where we gain an understanding in three critical facets of reliability; practices, applications, and environment. The results gathered during the discovery process are used to pinpoint sources of problems and highlight opportunities for improvement. The outcome is tailored program for you to succeed based on the Journey of the Lubricant®.



- Arrival services and products used to determine the condition of the lubricant upon arrival.
  - **Storage** products used to protect and identify the lubricant while being stored for application.
    - Transfer products and color-coding system used to reduce the chance of lubricant misapplication and cross-contamination.
      - **Application** products used to protect the lubricant from contaminants while in service.
        - Life Cycle ongoing monitoring and adjusting through oil analysis, sensors, filtration, and data trending and analysis.









Did you know that investing in a lubrication and oil analysis program is generally paid back within the first year of implementation? Let Trico assist you in optimizing a lubrication program!