



Leak Detection Case Study

# Minimize Leaks. Maximize Efficiency.

Swagelok® Compressed Gas Leak Detection Services

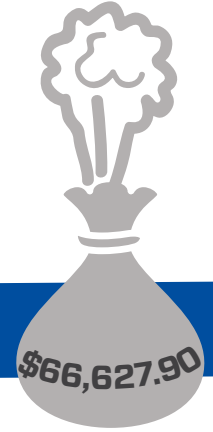
**Calgary | Fort St. John | Grande Prairie | Medicine Hat | Prince George  
Red Deer | Saskatoon | Vancouver | Winnipeg**





## How much did your facility spend on electricity last year?

Our fluid system professionals recently completed an evaluation at a customer's site, and here's what they discovered!



NUMBER OF  
LEAKS IDENTIFIED



COST OF  
LEAKS




\$66,627.90

A SINGLE LEAK CAN COST \$240/YEAR.  
HOW MANY LEAKS ARE IN YOUR FACILITY?

A constantly running compressor is costing you more money than you probably realize. If your compressors are constantly cycling on and off it's likely that you have leaks in your system.

On average, the size of a leak is 1.39 CFM, and the average system pressure is approx. 85 psig. The average calculated cost of a leak annually, is \$239.67. As you can see, leaks can quickly become costly, which is why our customers leverage Swagelok's expertise to get to the source of the problem, every time.

With utilizing our Leak Detection services, our fluid system professionals will provide:

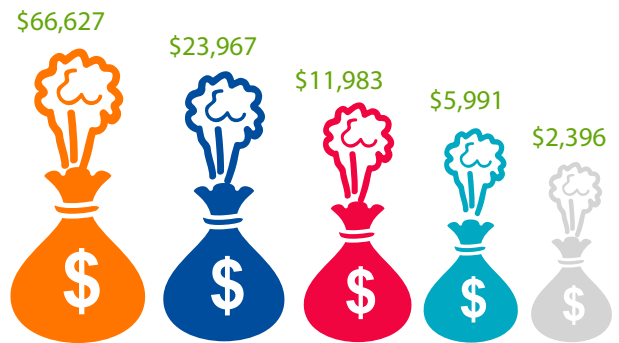
-  **Source and cost of leaks quantified through the use of specialized equipment and industry-standard calculations**
-  **A detailed report including leak location and size allowing personnel to set a maintenance schedule.**
-  **A prioritized list of recommendations that help you eliminate leakage and conserve valuable resources.**

### ABOUT OUR CUSTOMER:

The customer's compressed gas system is online approximately 8,760 hrs/year, and the facility pays \$0.10/kWh for electricity.

Any leaks in their system can be costly, time consuming, and undetectable without the right equipment. Our fluid system professionals were able to evaluate their system, identify 278 leaks and bring cost savings to the customer year after year.

### COST OF LEAKS



# OF LEAKS

\*Though this data represents an actual report, total savings will vary based on number of leaks, size of leaks, orifice size, cost of electricity, operating hours and other factors. The data displayed here does not take into account maintenance costs as a part of total savings.