



**YOUR ULTIMATE GUIDE**  
to Protecting Your Equipment  
During the Summer Months

**Prevent shutdown and expensive repairs**

**JHFOSTER**

John Henry Foster.com

Automation • Robotics • Compressed Air • Service

# Effects Summer Heat Has On Compressed Air Equipment:

- **Lower Flow Rates** - The higher the external temperature is, the less dense air becomes
- **Increased Condensate Output**  
- Increased temperature creates vapor in the air
- **Increased Draining** - With more condensate being produced, increased system drainage occurs

# How To Prevent These Effects

## Proper Ventilation

Create proper ventilation within the room that houses your compressor so air can move freely.

- Add an exhaust fan
- Add inlet air
- Increase amount of ducts



# How To Prevent These Effects

## Refrigerated Dryer Check-ups

Supply your dryer with proper cooling.

- Properly clean your condenser before summer starts
- Ensure your dryer is well-ventilated



# How To Prevent These Effects

## Change Filters and Drains

Clogged filters and drains can't remove excess water caused by summer heat.

- Make sure filters are operating correctly
- Change filters regularly throughout the year and especially before summer



# How To Prevent These Effects

## Sample and Change Oil Regularly

Sample Synthetic Lubricant in your compressor to keep track of oil life.

- Have a set maintenance schedule for when to change oil
- Sample every 2,000 hours or 2 times per year (whichever is greater)



# How To Prevent These Effects

## Check Fluid System

Make sure oil can freely flow through your system.

- Check this while you are checking your oil filters
- Remove any obstructions



# How To Prevent These Effects

## **Change Worn Out Parts**

Worn out parts cannot keep up with effects from the summer heat.

- Run any necessary tests to make sure your parts aren't worn out
- Check your parts at the beginning of the Spring



# How To Prevent These Effects

## Dust Electrical Components

Dust in compressor electrical components can cause breakdown.

- Make sure electrical components are well functioning
- Ensure that electrical components are free of dust and contaminants



# What We Do

JHFoster offers system evaluations and engineers solutions fit for your specific company. In addition, we install projects, integrate systems, and provide customer service for your projects. We manage the entire process from start to finish for you. We are a one-stop-solution shop and service provider for automation, robotics, and compressed air systems.

Choosing a full-service solution over individual ones makes the process much easier and simpler for your team to manage. As a result, you get greater consistency, quality and a lower cost of ownership.



**Automation**



**Robotics**



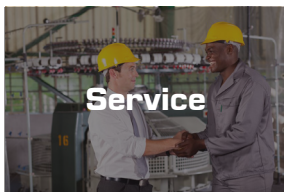
**Compressed Air**



**Service**

# Our Process

A full-service solution makes maintaining a compressed air, robotics, or automation system much easier. You also get increased efficiency, consistency, and quality.



# Our Locations

## HEADQUARTERS

Eagan, MN

3103 Mike Collins Dr  
Eagan, MN 55121  
651.452.8452

## ROBOT LAB

Eagan, MN

980 Lone Oak Rd  
Eagan, MN 55121  
651.452.8452

## REGIONAL

West Fargo, ND

1016 5th Ave, Suite 3  
West Fargo, ND 58078  
651.452.8452

## REGIONAL

Cedar Rapids, IA

935 Metzger Drive  
Hiawatha, IA 52233  
319.200.1316

## Follow Us



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## Don't Have a Team to Service Your Compressor or Need Support?

Feel free to contact us with any questions about heat protection practices or to schedule service from our service technicians. Email us at [solutions@jhfoster.com](mailto:solutions@jhfoster.com) or call us at 800.582.5162.

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