



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



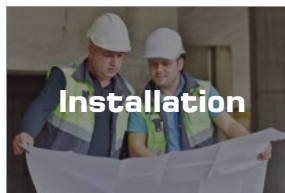
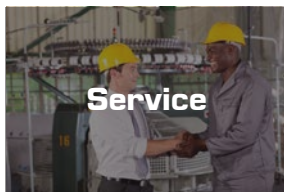
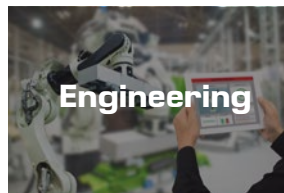
Compressed Air



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

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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 or call us at 800.582.5162.

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