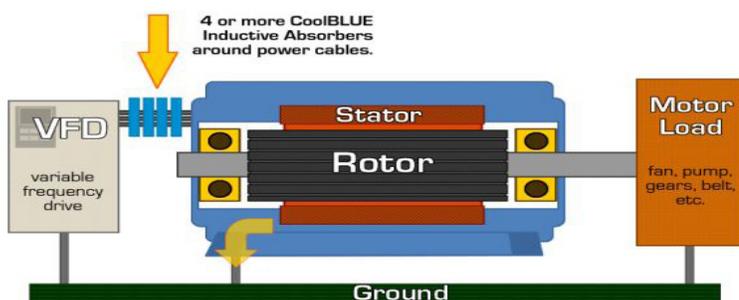


# INTRODUCING A NEW WAY TO REDUCE SHAFT CURRENTS

- Improves Reliability!
- Saves Time!
- Saves Money!

- CoolBLUE® inductive absorbers operate in a similar fashion as a common mode choke by absorbing the damaging high frequency noise associated with VFD's. Maximize equipment reliability, reduce maintenance costs associated with grounding rings, and avoid unscheduled downtime.
- Installation around motor cables takes less than 10 minutes. Simply disconnect the cables, install the cores around the cables, and reattach. Done!
- Less than 7 core sizes fit all motor applications ( 1/4 hp to 1600+ hp ). CoolBLUE® inductive absorbers last a lifetime, and there is NO MAINTENANCE unlike motor shaft products subject to rust, dirt, grease, and worn grounding brushes.



## Product Features

- Easy Installation
- Lasts a Lifetime
- No Maintenance Ever

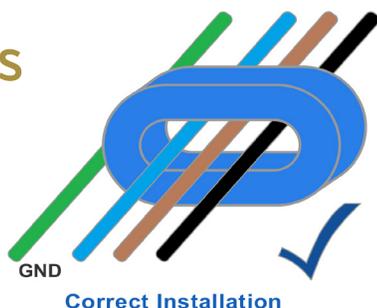
## Industries

### All Industrial

- Steel
- Aggregate
- Paper Mill
- Manufacturing
- Food Processing
- Water Treatment

### All Commercial

- Hospitals
- Universities
- Office Buildings
- Laboratories
- HVAC Installations



EXTEND THE LIFE OF YOUR EQUIPMENT BY USING COOLBLUE® INDUCTIVE ABSORBERS

Contact your Horner Representative for more information

# NEW TECHNOLOGY RESOLVES BEARING FLUTING ISSUES



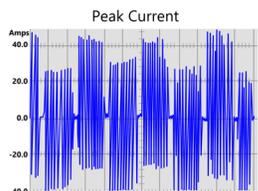
## Introducing CoolBLUE® Inductive Absorbers!

Variable Frequency Drive Systems create damaging motor bearing currents. If these currents are not filtered or “choked,” the following may result in bearing failure:

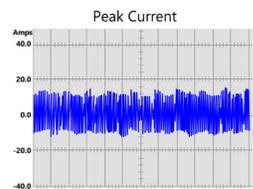
- bearing fluting
  - frosting
  - breakdown of lubrication
  - electrical discharge machining
- CoolBLUE® absorbs this damaging current before it gets to the motor.
- Maximizes Equipment Reliability
  - Reduces Maintenance Costs
  - Minimizes Unscheduled Downtime

## Case Study

Problem: Frequent Bearing Failures In Motors At a Children’s Hospital



Before CoolBLUE®



After CoolBLUE®

An Indianapolis Children’s Hospital was experiencing an overwhelming amount of bearing failure. The root of the problem came down to fluting of the bearings due to shaft currents generated by the VFD. Horner, along with an engineer from CoolBLUE® conducted a field test and verified the current spikes. Horner installed four CoolBLUE® inductive absorbers and the common mode noise was significantly reduced by about 70-75 percent.

Contact your Horner Representative for more information