

Focus InhibitR 1000

PRODUCT DESCRIPTION

Focus InhibitR 1000 is a high performance, water-soluble corrosion inhibitor for cast iron and steel alloys. It is formulated using a unique mixture of organic acid salts. **Focus InhibitR 1000** is very low foaming and has excellent hard water stability. This product does not contain any nitrates/nitrites, boron, or secondary amines.

APPLICATIONS

Focus InhibitR 1000 is designed to be used in semi-synthetic and synthetic metalworking fluids, water-based hydraulic fluids, and industrial cleaners. It can also be used as an excellent tankside additive to boost in-sump rust protection. Treat rates of **Focus InhibitR 1000** in finished synthetic fluid concentrates range from 10% to 20%, depending on the particular machining operation, pH of fluid, and dilution rates of the finished fluid in water. For tankside additions, 0.5% to 1.0% will provide a significant increase in corrosion control. To maintain maximum corrosion protection efficiency, the fluid's pH should be 8.0 or higher.

BENEFITS

- Excellent corrosion inhibition performance
- Extremely low foaming
- Sets the standard for hard water stability
- Secondary amine-free
- Boron-free
- Security of supply

TYPICAL PROPERTIES

Feature	Unit	Standard Value
Appearance @ 25 °C	-	Clear liquid
Specific gravity @ 25 °C	-	1.10
pH, 1% aqueous	-	9.5
Acid value	mg KOH/g	105
Alkalinity value	mg KOH/g	205

PACKAGING

Packaging	Description	Net Weight
Drums	55-gallon non-returnable	485 lbs.

HANDLING, SAFETY, HEALTH AND ENVIRONMENT

See safety data sheet

NOTE: All statements, information, and data that are given in this bulletin are believed to be accurate and reliable, but are presented without guarantee, warranty, or responsibility of any kind, expressed or implied on our part. Because we have no control over the matter in which our products may be used, we cannot be responsible for the results in customers' processes.

Focus InhibitR 1000

FOAM TEST



A commonly used dibasic acid product
1 minute after agitation in deionized water



Focus Chemical InhibitR 1000
1 minute after agitation in deionized water

HARD WATER TEST



A commonly used dibasic acid product
In 2000 ppm water



Focus Chemical InhibitR 1000
In 2000 ppm water

**COMPARISON OF CORROSION INHIBITION BETWEEN FOCUS CHEMICAL INHIBITR 1000
AND COMMONLY USED DIBASIC ACIDS**

