

# Predator\* 64N

## High Temperature Corrosion Inhibitor

### Predator 64N Design

- Extends the life of process equipment exposed to high temperature acids
- Provides an alternative to alloy upgrade in high temperature corrosion environments
- Protects carbon and low alloy steels against high temperature naphthenic acid or other high temperature organic acid attack
- Protects carbon and low alloy steels against high temperature sulfidic attack

### Description and Use

Predator 64N is a patent-pending corrosion inhibitor designed to protect against high temperature naphthenic acid and sulfidic corrosion. This field-proven technology forms a tenacious protective film on metal surfaces at temperatures between 400°F to 750°F (204°C to 399°C).

### Typical Application

Predator 64N will provide excellent corrosion protection against naphthenic acid and sulfidic corrosion under acidic crude operating conditions. The systems most typically treated with Predator 64N include: crude and vacuum towers, furnace outlets, transfer lines, side-stream coolers, and pumps.

### Treatment and Feeding Requirements

The proper treatment level for Predator 64N depends on many factors such as crude slate, neutralization number, operating temperature, fluid velocities, system metallurgy and turbulence. This

product is to be used in accordance with control procedures established by GE for each specific application.

For proper and consistent protection, Predator 64N must be fed continuously with a Hastelloy B2 injection quill or equivalent. Other equipment recommended for this product includes:

- Tanks / containers: Stainless Steel only
- Fittings: Stainless Steel only
- Bolts: Stainless Steel only
- Viton Gaskets

DO NOT MIX this product with other chemicals unless compatibility has been checked with Product Management.

### Evaluation

For best treatment performance, the Predator 64N program must be conscientiously monitored by periodic evaluation of system control parameters such as Naphthenic Acid Number (NAN), metals analysis of the hydrocarbon streams, corrosion rates by electrical resistance probes or coupons, pressure, temperature, UT, and equipment service life.

### Safety Precautions

A Material Safety Data Sheet containing detailed information about this product is available on request.



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PFH1047EN 0508