

### Challenges

A leading Tube and Pipe producer in Italy was having problems with white rust on their galvanized welded pipes. Although the impact of the rust on their costs and image was difficult to calculate, it was too large a problem to be overlooked.

Quaker was approached for a solution, and they immediately proposed FERROCOTE® 372 T1. First the product was used for a line trial and after showing its ability to reduce the formation of white rust, began being used regularly. Later, the manufacturer extended the use of FERROCOTE® 372 T1 into the rest of their plants in Italy.

### Providing Solutions

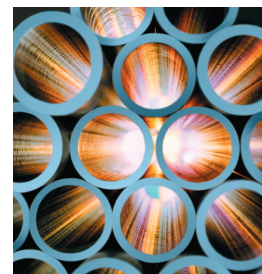
The introduction of FERROCOTE® 372 T1 resulted in a 80 - 100% reduction of white rust problems, depending on each plant's application system. Quaker is presently working with the customer in order to optimize the coating equipment and achieve a 100% reduction in all plants, by correct application of the FERROCOTE®.

### Product Description

FERROCOTE® 372 T1 is a dewatering corrosion preventive oil, normally used neat. The product's design allows for a very thin film to be applied, while maintaining an excellent anti-corrosive performance – making it very economical to use. It can be used on a wide range of metals and in applications such as:

- Tubes – steel and galvanized
- Nuts and bolts
- Transmission axles
- Cast iron engine blocks
- Galvanized steel castings
- Camshafts

The FERROCOTE® 372 Series is designed to minimize consumption and decrease the detrimental effects of thick, oily layers on metal components, assisting the effort to minimize the environmental impact of industrial operations. They contain no barium or heavy metals, nor aromatic or chlorinated solvents.



### Customer Reference

- Corus
- Frank & Pignard
- GKN
- Marcegaglia
- SIM

### Process & Equipment

#### Corrosion Protection

<b>Part:</b>	Tubes
<b>Part Alloy:</b>	Galvanized Steel
<b>Function:</b>	Dewatering
<b>Applications:</b>	Several

### Product & Process Expertise

Quaker Chemical Corporation is a worldwide developer, producer and marketer of custom formulated Tube & Pipe process chemicals and coatings. From first coil to final cut, Quaker is capable of providing process chemicals for all operations in ERW and Seamless mills, and delivers the in-depth process expertise to help maximize your productivity.

Quaker's product line includes hydraulic lubricants, high-temperature greases, cleaners, forming & sizing coolants, drawing & forming compounds, sawing lubricants, hydrotesting compounds, corrosion preventives and a complete line of high-value coatings (including solvent, water-based and UV coatings).