

FINAL CORROSION PROTECTION

FERROCOTE 372 T1

INTRODUCTION

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

Quaker was approached for a solution, and they immediately proposed FERROCOTE 372 T1. This product was first 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.



IMPACT

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

PROCESS & EQUIPMENT INFORMATION

Operation:	Corrosion protection
Material:	Galvanised steel
Part Produced:	Tubes
Function:	Dewatering
Applications:	Several

CASE

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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 galvanised
- Nuts and bolts
- Transmission axles
- Cast iron engine blocks
- Galvanised steel castings
- Camshafts

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

CUSTOMER REFERENCES

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

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 maximise 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).



For more information, visit: www.quakerchem.com