

## Challenges

A major Tube & Pipe manufacturer was experiencing some corrosion issues with their pipe, causing warranty claims and returned pipe. Key improvement areas/requirements desired by the customer included:

- Elimination of hydrotesting water trapped on threads that causes rust and pitting
- Elimination of warranty claims and returns due to pitted threads
- Compatibility with pipe dopes
- Easy product application

## Providing Solutions

Quaker introduced their FERROCOTE 5815® LVO product and worked closely with the customer to meet their specific needs. As a result, the customer was able to eliminate warranty claims, gain process efficiencies and save costs, all without additional manpower to apply the product:

- No warranty claims or returned pipe due to pitted threads. Savings estimated to be in excess of \$200,000!
- Compatible with all pipe dopes
- FERROCOTE® 5815 LVO encapsulates the water so there is no rust or pitting
- Easy to apply – brushed on prior to dope and screwing on of coupling

## Product Description

FERROCOTE® 5815 LVO is a thixotropic, barium-free, solvent dispersed, corrosion preventive that provides indoor and outdoor protection of both ferrous and non-ferrous surfaces. This product contains a low VOC solvent blend, allowing use of this product in locations where specific emission restrictions exist.

The true impact of Quaker's product, engineering and service can be seen in the customer's testimonial:

*"It has been almost a year since we started using the FERROCOTE® 5815 LVO product to help reduce corrosion on our pipe threads. We have been very pleased with the results so far. Our corrosion problems have just about totally disappeared, with a few exceptions, and that could possibly be attributed to the metal composition. It has definitely been a very good move on our part and would recommend it to anyone."*

Thanks,  
Kenneth Clark

Q.A. Administrator – Star Tubular Services

## Customer References

- INA Bearing
- Lone Star Steel
- Timken Bearing
- Wyman-Gordon

## Product & Process Expertise

Quaker 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).