

Challenges

A global manufacturer of bearings was having problems meeting lubrication specifications for their corrosion preventives. None of the products they were using were able to give the protection guarantee that the producer gave to their final customers. In addition, one product's VOC and barium content made it undesirable in the frame of ISO 14001.

In order to address this situation, Quaker developed FERROCOTE® 5900. After getting global approval, the product was introduced for regular use.

Providing Solutions

The use of FERROCOTE® 5900 resulted in:

- **Desired lubrication**
- **Global Product**
- **Reduced usage of products to one, simplifying stock control**
- **Compliance with ISO 14001 Quality Standards**
- **Elimination of VOC and Barium-free products**

Product Description

FERROCOTE® 5900 is a corrosion preventive oil, normally used neat for final protection. It provides long-term corrosion protection, while the lubrication performance is kept constant and low torque over time. Its multi-metal protection makes it suitable for protection of a wide range of metal components such as:

- **Bearings**
- **Camshafts**
- **Cast iron engine blocks**
- **Transmission axles**



Process & Equipment

	Corrosion Protection
Part:	Roller Bearings
Part Alloy:	Steel
Function:	Final Protection
Applications:	Flooding

Product & Process Expertise

Metalworking lubricants represent a very minor part of the costs in a metalworking process, typically less than 1%. This case illustrates the importance of correct fluid selection. The impact of the fluid can be a multiple of its costs making the price of a metalworking fluid insignificant. That's why Quaker focuses on developing fluids with the highest performance without compromise, fluids that sharpen your competitive edge.