

CORROSION

IN HYDRAULIC SYSTEMS

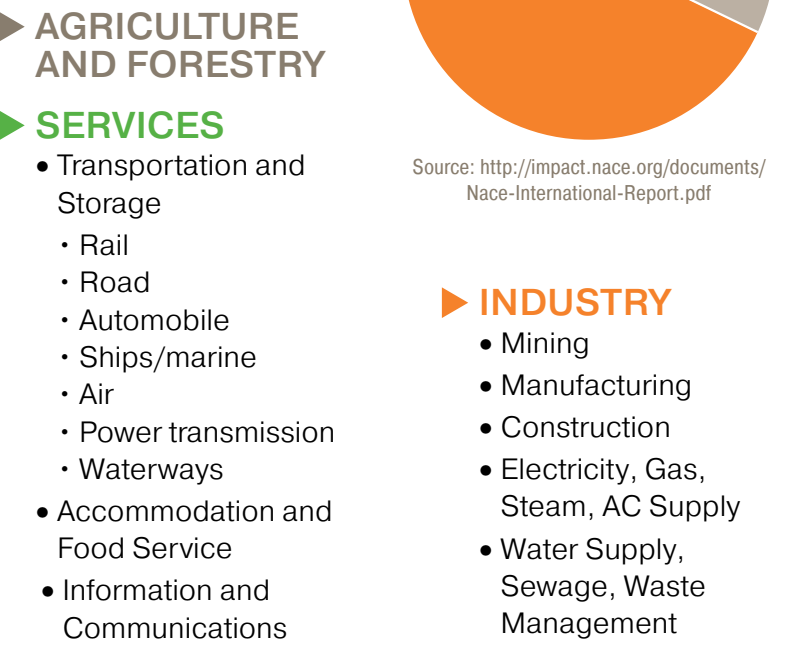
Corrosion is the destructive attack of metals due to chemical reactions within an environment. The naturally occurring event causes significant financial, environmental, and safety problems.

GLOBAL ECONOMIC IMPACT

According to reports by the National Association of Corrosion Engineers (NACE), the cost of corrosion is staggering on a global scale. In addition, these costs typically do not include individual safety or environmental consequences.

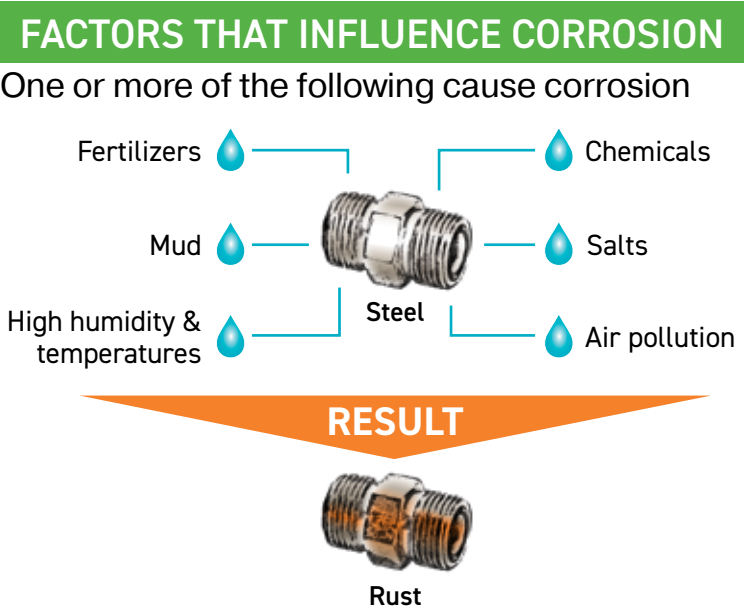


BREAKDOWN BY SECTOR



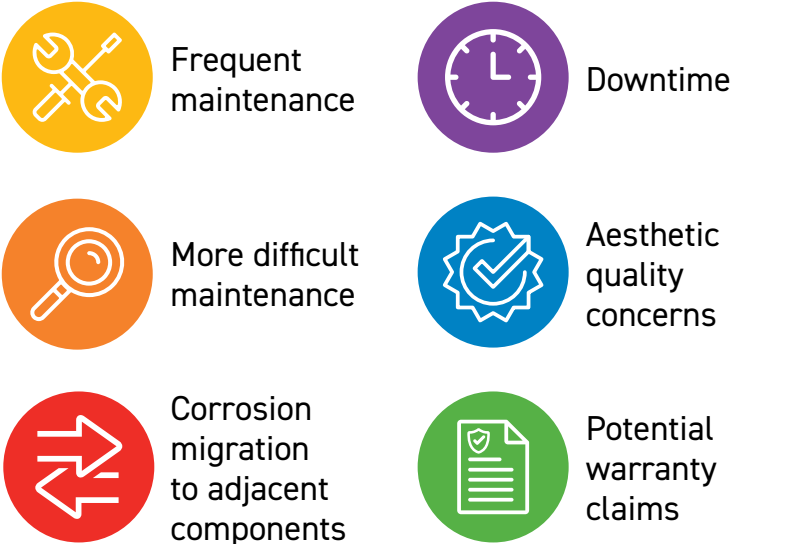
CORROSION SPREADS FAST

Corrosion can happen at any time in nearly every environment. Once it starts, corrosion can spread rapidly in an uncontrolled manner. It can migrate quickly across components, jeopardizing processes, equipment, and uptime. Therefore, it is essential to avoid component corrosion from the onset.



CONSEQUENCES OF CORROSION

The true cost of corrosion goes beyond just replacing a tube fitting or adapter. It can mean serious issues for your equipment and operation:



COMBATING CORROSION

WITH NEW TECHNOLOGY

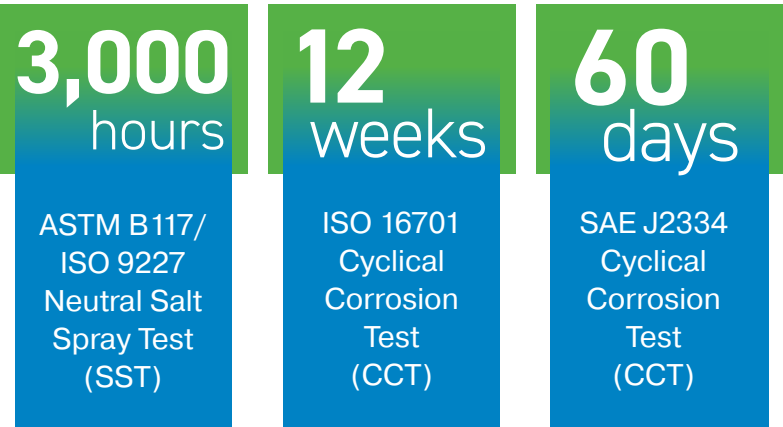
Parker ToughShield™ Plus

Zinc-Nickel Plating for Tube Fittings & Adapters

Parker's most recent advancement in plating technology is patent-pending ToughShield™ Plus. As Parker's global standard plating, you now get the same high-quality tube fittings and adapters with significant improvement in corrosion resistance.

INDEPENDENT LAB TESTING PERFORMANCE

ToughShield Plus fights red corrosion up to:



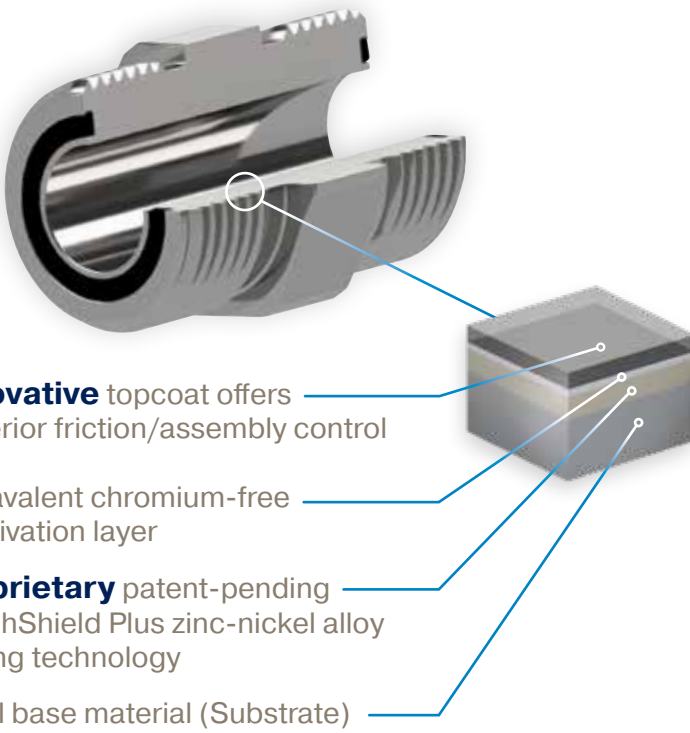
PROVEN PERFORMANCE AND VALUE

- Less frequent and easier maintenance
- Reduced downtime
- Extended fitting service life
- Decreased corrosion migration to adjacent components
- Reduced warranty claims



THE PARKER DIFFERENCE

ToughShield Plus zinc-nickel plating forms a protective shield against costly corrosion.



Visit www.toughshield.com to learn more