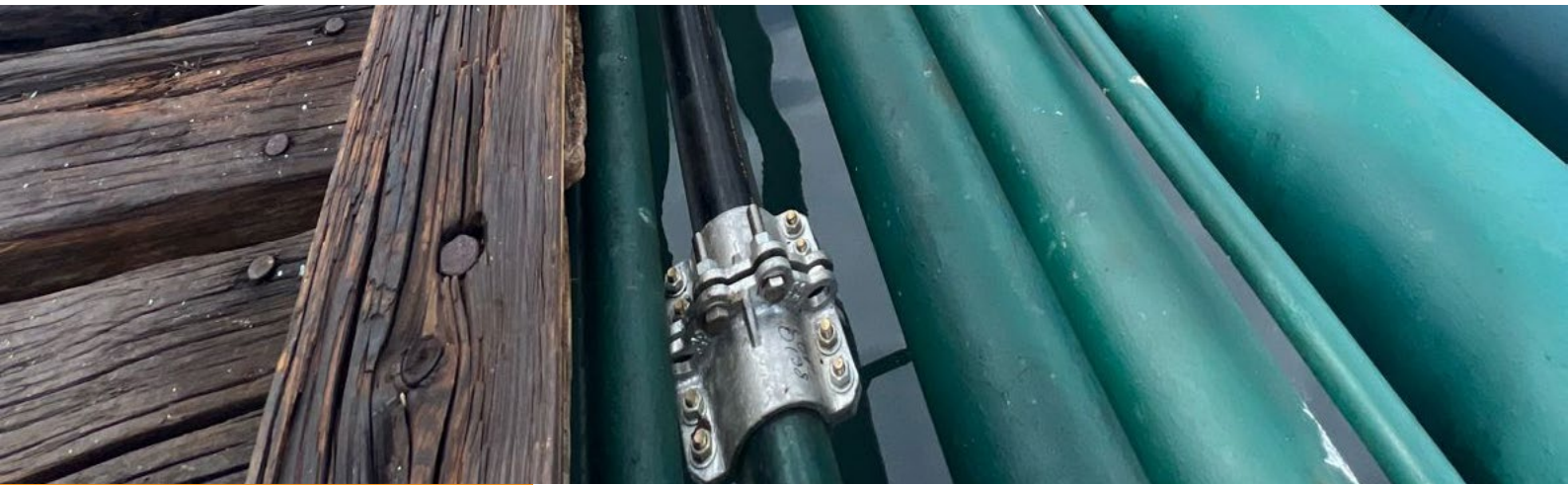


# Transition to Corrosion-Free Diesel Delivery Systems



Pexgol's Role in Enhancing Guaymas Protein's Operations.



## Guaymas Protein Mexico | 2023

### • Working Conditions

Temperature: 30°C / 86°F  
Pressure: 5kg

### • Pexgol Pipe

Pexgol 80 mm (3"), SDR 11

### • Application

Diesel transport

### • Length

100 m / 328 ft

## The Challenge

Guaymas Protein, a leader in fish-based protein products, faced significant issues with its existing carbon steel pipelines used for diesel transport. The prevalent saline environment in the area led to recurring corrosion of the pipes, resulting in frequent maintenance and replacements to prevent leaks and environmental contamination.

## The Solution

By choosing Pexgol's 3" RD 11 pipes, Guaymas Protein found an effective solution to its corrosion problems. Pexgol pipes, with their superior chemical and corrosion resistance, provided a durable alternative to carbon steel. The flanged coupling used in the installation facilitated a smooth transition, utilizing the existing supports on-site for a quick and simple setup. The lightweight and flexible nature of Pexgol pipes, along with their ability to be delivered in long lengths, significantly sped up the installation process and reduced the need for frequent maintenance, offering a sustainable and efficient system for diesel transportation.



# The Advantages of Pexgol Pipe Systems



## High resistance to wear

Pexgol is the preferred solution for abrasive materials transportation. Typically resists three times more than HDPE and twice more than steel.



## Superb internal and external corrosion resistance

Our pipes are proven to withstand decades of exposure to corrosive environments, with nonstop performance in some of the world's harshest environments.



## Excellent chemical and corrosion resistance

Pexgol pipes can resist a wide range of chemical agents, slurries, toxic and radioactive materials.



## Long pipe sections

Pexgol pipes can be supplied in long coil lengths, reducing number of joints, installation time and risks.



## High temperature resistance

Working temperatures can range from  $-50^{\circ}\text{C}$  /  $-58^{\circ}\text{F}$  up to  $110^{\circ}\text{C}$  /  $230^{\circ}\text{F}$ .



## Creep and impact resistance

Pexgol pipes can withstand high amounts of axial and radial stresses and are highly resistant to impact, fracture and fatigue. Furthermore, Pexgol pipes are completely resistant to cracks even when dragged over sharp rocky terrain and coagulated salt crystals.

For more information please visit:  
[pexgol.com](http://pexgol.com)

