



**Industry:**  
Energy

**Application:**  
Oil drilling rig

**Problem / Requirement:**  
A Rexnord 5,5 inch pitch Roller Chain for an offshore platform according to a challenging list of requirements

**Solution:**  
Customized Rexnord High Performance 5,5 inch pitch Roller Chain

**Result:**  
Rexnord provided the technical knowledge and expertise to design and produce a long-life chain for this rough environment

## Rexnord High Performance Roller Chain Provides the Reliable Solution for an Offshore Platform

### Customized Rexnord 5,5 inch pitch chain for an oil rig facility

One of the biggest oil producers in Norway wanted to replace their 25 year old chain. The special chain is for a platform in the North Sea near Norway. Due to the costly and difficult replacement conditions, they needed a reliable tensioner chain for the drilling head and expected the exact same performance as they had the past 25 years.

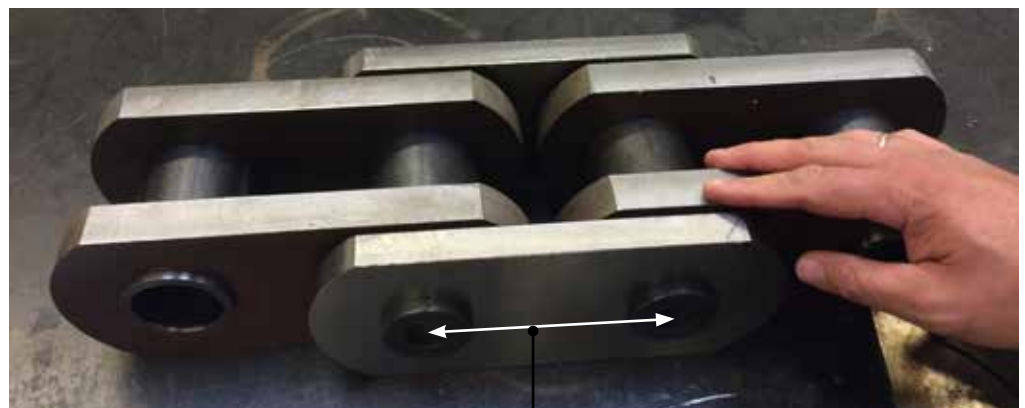
Rexnord accepted the challenge and selected the right chain for the application. Our technical knowledge and expertise in the oil industry and in large pitch roller chains convinced the customer to partner with Rexnord.

The Rexnord project team met every week to design and produce this special seal joint 5,5 inch pitch chain with greasing nozzles. Priority was placed on meeting the customer needs, such as certificates, third party approvals, and more. Rexnord started with the RexPro® Roller Chain but designed it according to the customer's high requirements.

### Key project facts

As a result of great partnership, the customized Rexnord 5,5 inch pitch Chain was delivered on time and according to the customer's needs:

- Chain length: 120 meters (8 x 15 meter chains)
- Weight: 12,000 kg
- Lead time: 24 weeks
- Production: 12 weeks



5,5 inch pitch chain