



**FLUOROCARBON**

# CASE STUDY

F-LON® 5070

LOW FRICTION COATING IN THE OIL & GAS  
INDUSTRY

AT A GLANCE 

Industry: Oil & Gas  
Product: Subsea  
connectors

F-LON® 5070 is an  
excellent Low Friction  
coating.



## THE CHALLENGE

The client required a coating to restrict the growth of aquatic and marine organisms to subsea electrical connectors.

## THE SOLUTION

We applied F-LON® 5070, a low friction coating with excellent corrosion resistance to prevent the build-up of marine organisms, and whilst there is no acceptable way of completely preventing this, the coating enables easy and quick cleaning of the connectors during maintenance. Additional benefits to the coating we applied are the range of bright colours available that can assist ROV vehicles when remotely connecting subsea equipment. Sections of the male connector can be coated in these bright colours and when fully connected the colour is no longer visible.

## BENEFITS

### **Benefit One**

Build up of marine organisms prevented.

### **Benefit Two**

Full connection easily detected.