

CASE STUDY: BIOGEN WIRESHIELD[®] - FUGRO

Performance you can trust

CUSTOMER

Fugro operates a fleet of five survey vessels that provide comprehensive Geophysical/hydrographic and Geoscience surveys. The company also offers precise navigation and positioning services for the offshore oil and gas industry.

APPLICATION DETAILS

Fugro use armoured umbilicals to tow, and deploy to the seabed, state-of-the-art subsea surveying equipment and sensors. The wire ropes need to be well lubricated and protected from the harsh operating conditions. Any dressing or lubricants used on the umbilicals must have a low environmental impact.

BENEFITS & COST SAVINGS

Fugro decided to use the BIOGEN WIRESHIELD as it has a unique Pseudoplastic Rheology allowing great penetration into the wire ropes. The excellent anti-corrosion protection gives extended life reducing premature rope failure and as it is biodegradable with low eco-toxicity, allowing Fugro to work in environmentally sensitive areas.

CUSTOMER FEEDBACK

“BIOGEN WIRESHIELD has been very successful on our application. We had concerns that the outer armour on our umbilicals are so tightly wound that the lubricant would not penetrate into the lower layer. However, this does not seem to be the case and certainly on one umbilical that we checked the lubricant certainly had penetrated through the 11.4mm Rochester armoured coax.”

Roy Fowler – Senior Operations Engineer

