

CASE STUDY: WIRESHIELD – PETROBEL

Performance you can trust

Location

Petrobel is located in Egypt.

Application/Current Product

The application involves wire rope lubrication, with the current product in use being Mobil Arma 798.

Background

Despite the excessive use of lubricant on the wires, the wire rope's lifespan was being reduced due to strand breakage.

Challenge

The main challenge was to improve lubrication intervals and increase the overall lifespan of the wire ropes.

The ROCOL Solution and Why?

ROCOL recommended the use of WIRESHIELD for wire rope lubrication. WIRESHIELD offers pseudoplastic rheology, which ensures optimal performance by penetrating the core while simultaneously providing a protective shield to the outer side of the ropes.

Customer Feedback

The engineering department and technicians provided excellent feedback on the performance of WIRESHIELD. They appreciated the transparency of the product, which allowed them to inspect the wire rope without removing the grease. Additionally, the lubrication intervals were improved compared to the previous product, resulting in cost savings of \$1.25 USD per meter of wire ropes with a diameter of 25mm.