

# CASE STUDY: WIRESHIELD – APM TERMINALS

Performance you can trust



## LOCATION

APM Terminals, Algeciras Spain

## CURRENT PRODUCT IN USE

Competitor Wire Rope Lubricant

## BACKGROUND

A lubricant was required to extend wire rope life at one of the most important and modern transshipment terminals in the world.

## CHALLENGE

The following criteria was needed to reduce corrosion and prolong the life of the wire rope:

- The lubricant must be non-dripping and water resistant.
- Resistant to changes in temperature and adverse weather conditions.
- Enable to prevent the build-up of grease over time.

## THE ROCOL SOLUTION

ROCOL proposed the use of Wireshield

## WHY?

ROCOL® WIRESHIELD is a high-performance wire rope lubricant featuring advanced pseudoplastic rheology.

- ROCOL WIRESHIELD has a wide temperature range -30°C to +100°C.
- ROCOL WIRESHIELD has excellent lubricating properties which reduces wear on wires and strands, ultimately maximising service life.
- ROCOL WIRESHIELD offers outstanding corrosion protection and is highly resistant to water wash-off.
- The thin, non-tacky film of ROCOL WIRESHIELD prevents build-up of dust and dirt.
- Operators report that ROCOL WIRESHIELD™ is clean and pleasant to use.
- The translucent film of ROCOL WIRESHIELD allows easier and more effective rope inspection.
- ROCOL WIRESHIELD does not drip or fling off due to the pseudoplastic rheology.

## CUSTOMER FEEDBACK

Benefits to APM Terminals of using WIREHIELD included a greater product coverage increased by 35%. The application of the lubricant much easier than the competitor product reducing application time by a third. The product met the requirements of the customer with no signs of staining or dripping and no corrosion after 6 months.