

DAMBACH trolley cables 4 times more durable with 94% less maintenance cost

Sector: Logistics

Application: Steel wire ropes on DAMBACH trolleys

Solution: [RIVOLTA S.K.D. 2000 Spray](#)

Challenge

A logistics centre for one of the country's largest grocery chains was experiencing maintenance problems with the steel cables on its DAMBACH trolleys.

These cables are lubricated with a lubricant that is applied during manufacture. However, this is not enough to keep the cable in good condition throughout its life, especially if it is stored for long periods or used in aggressive environments that cause premature cable breakage.

Solution

[RIVOLTA S.K.D. 2000 Spray](#), a high performance lubricant spray with very good adhesion and high penetration capacity.

The solvent introduces the lubricant between the strands of the cable and then evaporates, leaving a lubricating film that seals the outside of the cable from moisture and reduces wear and corrosion from friction caused by contact with external particles.

It also protects against internal and external corrosion, which is often caused by acids, alkaline water, salt air, moisture, gases, industrial environments and abrasive conditions.

Advantages

Cable life is 4 times longer
From 13 to 52 years' service life

94% savings in cable purchase and replacement
From 1,269 €/year to 74.25 €/year

Reduction of maintenance downtime

Results

The service life of this 45-metre cable in a -28°C environment has been 13 years. With proper maintenance of the cable by means of an annual lubrication with [RIVOLTA S.K.D. 2000](#), we can increase its lifespan by up to four times, to around 52 years.

The annual cost of cable maintenance has been reduced from €1269 (estimated) to €74.25 with the FUCHS solution.

**Need more information?
Contact our expert team!**

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