

CASE STUDY

LUBSOIL® LUBSCOTE 1400

Large Wire Line Processor – Ross, ND

APPLICATION

Heavy-duty rust preventative applied through a sprayer designed for treatment of cable spools in challenging applications.

CHALLENGES

Older spools of cable were being lifted from down hole well operations every 3-6 months. They were previously scrapping the old spools for \$1-3/ft. These spools can hold as much as 5,000 linear feet of cable. The scrapping can result in a pennies-on-the-dollar recapture rate. They needed a product that could act as an RP and would allow them to salvage the used spools to ultimately be put back into operation within the wells. These operate in harsh conditions where any corrosion would be accelerated by weather, water, wind and temperature. The product was formulated for wire line treatment of down hole motors. They needed a product with a strong RP that has a duration of up to 12 months.

ACTIONS TAKEN

The Tulco Oils team met with the area manager and staff of the cable line operation, and discussed the benefit of a heavier, more viscous RP that would negate any acceleration to the corrosion process by leaving a thick film around the spool, acting as a boundary lubricant. Recommended oil viscosity and RP properties were confirmed by the manager after careful deliberation. Lubsoil® Lubscote 1400 was put through a trial of in-lab tests to simulate the demanding application, and was then tested in the field over the course of a month.

TULCO OILS LUBSOIL® SOLUTION

After all data and field tests were concluded, Lubsoil® Lubscote 1400 was implemented in the cable line spooling operation in all locations across the country.

RESULTS

The added benefit and newer technological advancements of Lubsoil® Lubscote 1400 allowed for immediate protection of the used spools of cable, adding savings to the company. Scrapping the used cable was eliminated, resulting in over \$500,000 of immediate savings. The company has also implemented a new service to other companies, charging \$2-4/ft. for Lubsoil® Lubscote 1400 treatment, which has led to over \$1 million in additional revenue.