

LAPP NORTH AMERICA

APPLICATION SUCCESS STORY

Machinery and Automation Industry



LAPP GROUP

APPLICATION SUCCESS STORY

Machinery and Automation Industry

A leading manufacturer of aerial devices, digger derricks and specialty equipment for the electric utility, telecommunications and tree care industries required cables for their machinery and equipment.

Application description

This application is for the boom lift on the truck. ÖLFLEX® 855 P is installed along the articulating arms of the lift for the control wiring. They use the UNITRONIC® SPIRAL on the remote hand held controls in the basket on top of the boom. In both cases, the cables are exposed to outdoor temperatures with cold being of more concern.

Requirements

Cables to withstand colder temperatures of -25 to -40 and still be flexible for movement (UNITRONIC® Spiral) and flexing (855 P) in the boom. The space installation in the boom is tight so a smaller OD cable with a tighter bend radius is required thus 855 P.

Benefit

Cables a TPE insulation and PUR jacket meet the requirements. The 855 P will last longer than prior cable so equipment repair is much less saving the company money. Rubber jacketed cables did not hold up over time in the outdoor conditions. Also the rubber coil cord became stretched out with a lot of usage.

ÖLFLEX® 855 P

ÖLFLEX® FD 855 P is designed for extreme mechanical stresses due to tighter bend radius for continuous flexing. The materials used are halogen-free and environmentally friendly with an expanded temperature range. Insulation and jacketing materials are mechanically and chemically resistant to many environments. The polyurethane jacket is flame retardant. ÖLFLEX® FD 855 CP is a shielded version available with an overall tinned copper braid



UNITRONIC SPIRAL® (Formerly SPIREX® Data Spiral Cable)

UNITRONIC SPIRAL® is a shielded, multi-conductor signal and data cable designed to extend 4 times the retracted length. Recommended for use with computers, data transmission, office equipment, process control and instrumentation applications. Finely stranded bare copper conductors; PVC insulation; conductors cabled together with non-wicking fillers; dry lubricant; overall copper spiral shield, specially formulated black polyurethane jacket.



LAPP USA

29 Hanover Road
Florham Park, NJ 07932
800-774-3539
www.lappusa.com

LAPP CANADA

3505 Laird Road, Unit 10
Mississauga, Ontario L5L 5Y7
877-799-5277
www.lappcanada.com

LAPP MEXICO

Metalurgia 2730
Alamo Industrial, C.P. 44490
800-024-5277
www.lappmexico.com