



Kirkpatrick Wire Rope Lubrication Systems



Since 1982

“The Original Source For Pressure Lubrication Systems”

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Why Pressure Lubricate?

- Wire Rope goes through controlled 100% pressurized immersion at up to 150' per minute*
- Outer surface and groove pattern wiped clean of water and contaminants
- Labor costs reduced. Safety increased
- Less Lubricant waste
- Increased wire rope life



Why Kirkpatrick?

- Experience: Over 23 years in wire rope pressure lubrication. We can troubleshoot our customer's applications because of direct onsite field experience.
- Our system design has evolved to incorporate design features to accommodate the broadest possible field application range in the world. Proven operational performance.
- Timely parts and system availability assured for our customers. We stock.
- 4 major successful independent U.S. Government evaluations from 1986 to 2002 proving system performance and reliability.
- Approved By: United States Coast Guard, U.S. Navy, U.S. Army, U.S. Army Corps of Engineers, NATO, Canadian Coast Guard, Canadian Navy, Australian Navy

Testimonials

- **Naval Air Systems Command / Chief of Naval Operations Preproduction Evaluation 2002**
 - *The wire rope lubrication system evaluated during the project appears to have significant potential for reducing material usage and waste disposal costs. Significant labor savings are possible due to the reduced labor required to perform cable cleaning and lubricating events. Of equal importance, the wire rope lubrication system is a safer alternative than the previous method used because it does not require personnel to place grease on their gloves and wipe the crane cable. The cost analysis showed a 10-year ROI of approximately \$ 135,900.60 and a breakeven point of .41 years.*
- **P2 AFLOAT Award Submittal, Commander, Naval Base Norfolk, Secretary of the Navy 1998**
 - *The old cable cleaning method employed solvents and hand scraping, with a wire brush to remove the old grease. Afterwards the new grease was applied by hand. This process was time consuming and dangerous. A wire rope lubrication system is now used that automatically removes the old grease and re-applies new grease simultaneously. This process has reduced work time from 6 man-hours to 30 minutes for 450' of cable, saving a total of 1,080 Hours annually at a savings of nearly \$ 43,000.*
 - Ex.: Kirkpatrick Cable Lubricator, USS Arctic: 10-year cost savings: \$ 652,000, Labor reduction: 75%, Breakeven Point: .1 year.
- **Chief of Naval Operations Pilot Ergonomics Program Evaluation 2000:**
 - *The manual process required 6 workers and 2 full days to complete the cleaning and lubrication of a set of crane cables. Utilizing the wire rope lubrication system the process required 3 workers for 4 hours. Annual Cost Savings: \$ 366,356.48 Breakeven Point: 10.5 Days.*
- **United States Coast Guard Naval Engineering Manual Chapter 613:**
 - *Diligent use of pressure wire rope lubrication systems can increase the service life of wire rope. Wire Rope pressure lubrication systems with a proven history of performance in Coast Guard applications include systems manufactured by The Kirkpatrick Group, Inc., Dallas, TX.*
 - *All new United States Coast Guard Buoy and Construction Tenders have a Kirkpatrick Model SU35B as part of their standard equipment when they leave the ship yard.*

