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# BC WIRE ROPE

Quality, No Compromise Since 1974



BC Wire Rope & Rigging is a full-service Rigging Loft incorporated in 1974. Our 'Quality, No compromise' philosophy has enabled us to grow throughout the many industries we serve. With corporate headquarters in Anaheim, CA, and branch locations in San Diego, CA, Tucson, AZ, Las Vegas, NV, and Elko, NV, BC Wire Rope & Rigging is committed to keeping our customers' jobs running smoothly. We do this by having in-house manufacturing, sufficient inventory, and a knowledgeable staff.

BC Wire Rope & Rigging is proud to offer the very best products in the industry. An authorized Distributor of Crosby, Bridon, and SlingMax products, we maintain a full inventory of products. We also provide products from other manufacturers depending on our customers' needs.

## Kirkpatrick Dynagard Wire Rope Lubrication

### Dynagard Blue Environmental Wire Rope Lubricant

Dynagard Blue is an extreme pressure unleaded environmental wire rope lubricant blended for excellent resistance to softening under severe working conditions, water resistance, and its compatibility with all Kirkpatrick Wire Rope Lubrication Systems in addition to manual hand application. Its slickness and viscosity allow it to stay alive with the wire rope as the strands move during load bearing operations. This attribute also allows it to continuously redistribute itself to cover any internal strand areas that may have been missed during the initial lubrication process. An unleaded extreme pressure additive provides exceptional protection against wear and shock loads, while additional additives enhance resistance to water wash-off, protection against fling off at high wire rope travel speeds, and long service in high temperature environments. Dynagard Blue has outstanding structural and chemical stability. It won't corrode steel and copper bearing alloys and is compatible with conventional seal materials. Aquatic toxicity tests on sensitive marine organisms performed by independent test laboratories have shown it to have over 25,000 PPM making it possibly the best LC-50 value of any wire rope lubricant marketed in the world. Copy of the test data is available upon request.

### Dynagard "E" Biodegradable Env. Wire Rope Lubricant

Dynagard "E" is a revolutionary non-toxic 97% biodegradable wire rope lubricant that meets the performance levels of petroleum-based greases in areas of fluid film "E" and corrosion protection of wire rope strands. Exceptional for manual application; Dynagard "E" also meets the operational requirements for all Kirkpatrick Wire Rope Lubrication System Models providing optimum coating and penetration prolonging the working life of wire rope while at the same time meeting the environmental concerns of our customers. Dynagard "E" was the first seed oil based high viscosity grease introduced onto the world market in 1993. It also was the benchmark product used in 2002 to establish MIL-PRF-18458C Type II requirements under the "Environmentally Preferable Lubricants" program (NSWCCD, Code 632). Documentation is available upon request.

### Dynagard LVL Wire Rope Dressing

Dynagard LVL is a highly tenacious adhesive wire rope dressing formulated for use in both Marine and Mining applications where a quickly penetrating product is required with the low fling off adhesive attributes of a much higher viscosity coating. This is especially important at high wire rope travel speeds where fling-off is more apt to occur after the initial application of product. Dynagard LVL penetrates the outer strands of wire rope and cable and is excellent in displacing moisture when used with the Kirkpatrick JUL Internal Spray Systems. This product is also excellent for Mine Friction Hoist applications where slippage is a safety concern. As the carrier solvent evaporates, a thin flexible film of lubricant is formed. This fluid film barrier prevents the incursion of moisture or dirt between the strands, and contains rust and corrosion inhibitors to prevent abrasive and corrosive wear. The fluid film barrier of the Dynagard LVL also protects against the formation of rust and prevents "rust binding", which reduces cable flexibility and life; increasing friction wear between the wire strands. The barrier also offers protection against corrosion, preventing pitting of wire strands that can cause fatigue failure. The Dynagard LVL maintains optimal performance in both dry and high humidity/salt water environments.

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