

# VIPER WIRE ROPE LUBRICATOR

## Ship Crane Application



### A SAFE, SIMPLE AND EFFECTIVE SOLUTION FOR SHIP CRANES

The Viper WRL System has been designed to greatly increase the safety of the operators and improve lubrication effectiveness

# WHY CHOOSE THE VIPER WRL OVER TRADITIONAL MANUAL LUBRICATION METHODS?



## Viper WRL

### Improved Health Safety & Environment

- Viper operators safely located on the two platforms at the end of the boom
- Viper operators have no direct contact with the lubricant
- The Viper system is cleaner to operate, excess lubricant is captured and may be re-used

### Reduced Labour Requirements

- Viper system requires 2 people to operate and lubrication is completed at +/- 7mtr/min
- Viper system lubricates the wire strands both internally and externally typically doubling lubrication intervals.

### Clean to Operate

- When the Viper WRL is used correctly it generates minimum to no mess
- When using the Viper WRL system all the lubricant stays on the rope with no wastage
- The Viper system requires no rags for lubrication

### Enhanced Lubricant Effectiveness

- The Viper WRL's unique seal design works the lubricant into the core of the wire rope which greatly reduces corrosion and friction and hence greatly extends operational rope life

### Effective Rope Cleaning

- The unique Viper Rope Cleaner removes contamination from the wire rope prior to lubrication and greatly improves the effectiveness of the lubrication process



## Manual Method

### Health Safety & Environment Concerns

- Safety concern for workers being suspended from the ropes carrying lubricant
- Workers come into close contact with lubricant
- Environmental contamination with excess lube dripping off ropes

### Labour Intensive

- Numerous workers required to lubricate ropes and is very time consuming
- Manual lubrication requires very short re-lubrication intervals due to only coating the outer wires

### Extremely Messy

- Mess leads to extra equipment downtime for cleaning
- Lubricant wastage costs money and affects the environment
- Excessive use of rags, gloves, overalls

### Ineffective Lubrication

- Typically, only coats the outer wires, lack of penetration to inner sections of rope causes internal corrosion and excessive friction occurs.

### Rope Cleaning

- There is no way to manually clean rope effectively at all



# HEALTH SAFETY ENVIRONMENT BENEFITS

The Viper WRL was developed with safety and the environment in mind. When used correctly the Viper WRL has several Health, Safety and Environment benefits.

- Every gram of grease goes on the rope
- Does not leak meaning no mess
- No wasted lubricant
- Lightweight allows for safe application
- There is no direct contact with the lubricant
- The rope can be lubricated from a safe distance

## VIPER BULK CARRIER SHIP CRANE LUBRICATION KIT

The Viper WRL Bulk Carrier Ship Crane Lubrication Kit has been specifically designed for use in conjunction with the Mini or MID Viper WRL Kit for this application. The kit is supplied as a complete package, with all of the components required to get you started. Simply order the kit, the MINI or MID Viper Collar Kit and then select and order the seals and scrapers to suit the rope size to be lubricated.

### Kit Inclusions

- 2 x Drill winches with Spectra rope
- 2 x Milwaukee Cordless Drills (optional)
- 4 x Lithium Ion Batteries (optional)
- 2 x Rapid battery chargers (optional)
- 1 x 35m 1/2" Hose with carabiners and quick-connect couplings
- Robust Aluminium Storage Case
- Operations Manual
- Operations Video



Viper Mini Kit Sold Separately



LEARN MORE



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