



# Mk II Wire Rope Lubricator

## SUPERIOR PROTECTION for WIRE ROPES

### FEATURES & BENEFITS

- o **Single Pass Wire Rope Lubrication**  
*Simplifies and speeds up the rope lubricating process*
- o **Eliminates Manual Greasing**  
*Safer for staff, reduced lubricant usage, less leakage & mess*
- o **High Pressure / High Flow Grease Pump**  
*Provides grease penetration, displaces moisture from rope core / total coverage, even for large ropes*
- o **Fast & Efficient Rope Lubrication**  
*Reduced downtime associated with rope lubrication which improves equipment availability. Speeds up to 2,000mt/hour*
- o **Able to lubricate all major rope sizes**  
*Viper Mk II can lubricate rope sizes 8mm (5/16") to 67mm (2-5/8") while the Viper Maxi will lubricate up to 165mm (6-1/2") Custom units also available*



### APPLICATIONS

- WHARF CRANES
- SHIP CRANES
- ROV CABLES
- MINE WINDERS
- MOBILE CRANES
- OIL & GAS PLATFORMS
- ANCHOR ROPES
- DECK WINCHES
- OVERHEAD CRANES
- SHIP LOADERS

For more information or to discuss your requirements, please contact us:

**viper@imes-group.com**      **01224 705777**



# Mk II Wire Rope Lubricator

## VIPER MkII Wire Rope Lubricator Kit

The viper wire rope lubricator is supplied as a complete package, with all of the components required to get you started. Simply order the kit and then select and order the seals and scrapers to suit the rope size to be lubricated.  
(note refer to the seal and scraper selection guide)

### Kit Components

- Viper Mk II High Strength Collar
- Viper High Volume Grease Pump
- Air Regulator With Gauge & Isolation Valve
- 4m High Pressure 1/2" Lube Delivery Hose
- High Pressure Lubricant Metering Valve
- Clear Lube Drain Hose
- Retaining Ratchet Straps & Shackles
- Robust Aluminium Storage Case
- Convenient Carry Strap for Collar



## Viper Collar

The "New" Mk II Collar is the heart of the Viper Wire Rope Lubricating system. Constructed from high grade, cast aluminium with a robust protective coating. The collar is completed with stainless steel hardware to provide maximum corrosion protection.



The MKII collar is 32% lighter than the original Viper collar plus comes complete with inbuilt handles making it easily carried in one hand and fitted to the rope by one person.

## Viper Grease Pump



The new Viper Mk II kit includes an upgraded lubricant pump, built specifically for the Viper WRL.

Flow rates of  $\approx$  5kg (11lb) / minute using an NLGI #0 grease at pressures of up to 385 bar (5,500 PSI) are achieved from the standard 20kg (35lb) pump with a 55kg (120lb) and 180kg (400lb) option also available.

## Seals & Scrapers

The Viper WRL Seals are made from a specially formulated polyurethane material that provides excellent durability, wear resistance and flexibility. It is this flexibility that allows the seal to provide a more positive interface and hence seal with the rope. Each seal set comes as a pair, sized to suit the nominated rope diameter.

Aluminium Scrapers are attached to each end of the Viper collar to assist in pre-cleaning the rope and protect the seals from damage.

Both should be selected using the Viper Seal & Scraper guide



## Wire Rope Lubricants

### VPG-0 Viper WRL Penetrating Grease

- Recommended for crane and high cycle wire rope applications.
- Will not drip or flick off ropes, clean and safe to use.
  - Does not harden in service and remains translucent improving visual inspection of ropes
  - Excellent extreme pressure and anti-wear protection for sheaves and drums
  - Works exceptionally well through pressure lubricator, developed and tested for the Viper WRL Systems
  - Will not emulsify with water
  - Provides corrosion protection to inner and outer wire strands

### VCG-1 Viper WRL Coating Grease

- Recommended for submersed and high wash applications.
- Will not drip or flick off ropes, clean and safe to use.
  - Excellent resistance to high wash submersed applications
  - Does not harden in service and remains translucent improving visual inspection of ropes
  - Excellent extreme pressure and anti wear protection for sheaves and drums
  - Works exceptionally well through pressure lubricator, developed and tested for the Viper WRL Systems
  - Will not emulsify with water
  - Provides corrosion protection to inner and outer wire strands

For more information or to discuss your requirements, please contact us:

[viper@imes-group.com](mailto:viper@imes-group.com)

01224 705777