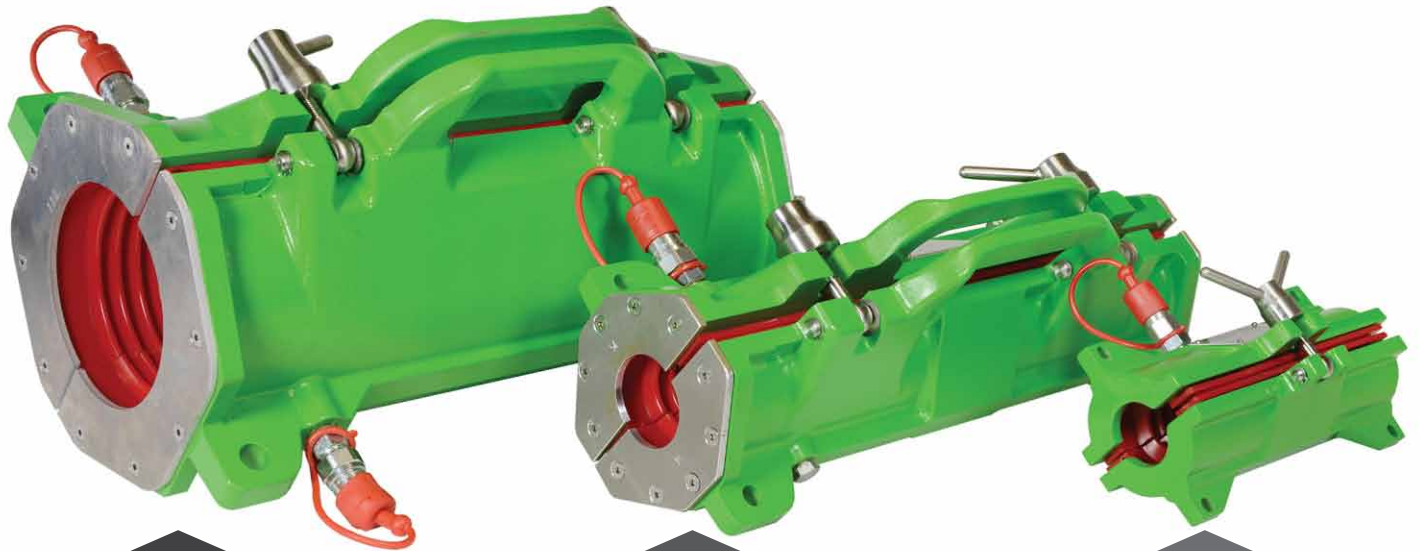


SUPERIOR PROTECTION for ALL WIRE ROPES

Viper Wire Rope Lubricators are now available in three sizes, Maxi MkII, Mid MkII and Mini MkII. The "New" Mk II Collars are the heart of the Viper WRL systems. Constructed from high grade, cast aluminium with a robust protective coating.

The collars are completed with stainless steel hardware to provide maximum corrosion protection. Each of the Viper Wire Rope Lubricators are supplied in a robust aluminium storage case, with all of the components required to get you started.



Maxi MkII

Suitable for ropes 50mm to 165mm

The Viper Maxi MKII is the largest WRL on the market, ensuring even the largest and most critical wire ropes can be safely and effectively lubricated



- UNDERWATER OFFSHORE WIRE ROPES
- ROV CABLES • TENSIONER CABLES
- VESSEL CRANE ROPES

Mid MkII

Suitable for ropes 8mm to 65mm

The original Viper Mid MKII is now acknowledged as the leading WRL in the world, delivering superior performance on a wide range of rope sizes and types



- WHARF CRANES • ROV CABLES
- SHIP LOADERS • SHIP CRANES
- MINE WINDERS • TOW ROPES
- OIL & GAS PLATFORMS

Mini MkII

Suitable for ropes 6mm to 36mm

Our new Viper Mini MKII completes the range, providing a light weight, easy to use option for smaller or hard to access wire ropes



- CONSTRUCTION & SERVICE CRANES
- DECK WINCHES • ANCHOR ROPES
- MOBILE CRANES

FEATURES & BENEFITS

- High Pressure / High Flow Grease Pumps**
 Provides grease penetration, displaces moisture from rope cores & total coverage, even on large ropes
- Eliminates Manual Greasing**
 Safer for staff, reduced lubricant usage, less leakage & mess

- Fast & Efficient Rope Lubrication**
 Reduced downtime associated with rope lubrication which improves equipment availability. Speeds up to 1,000 mt/hour
- Maximum Rope Protection**
 Unique seal design induces lubricant penetration into rope for added corrosion protection, direct increase in rope asset life

- Wide Size Range**
 The full Viper WRL range means all ropes, from 6mm to 165mm can now be easily and effectively lubricated
- Contact Viper WRL for Valuable Add-on Information:**
 Viper Lubricants VCG-1 & VPG-0
 Viper Rope Cleaners

'Superior Protection for Wire Ropes'

OUR EXISTING CLIENTS are IMPRESSED with VIPER WRL - you will be too

MOL Tankers



Mitsui O.S.K. Lines

'It is a vastly superior instrument than those we have previously supplied to our ships'

The ship is very happy with the Viper WRL and shipyard have been using it to renew 4000 metres of wires in dry-dock. It is a vastly superior instrument than those we have previously supplied to our ships. No leakages, grease all over the deck and therefore less work than before. (The cost is also less!)

After 4000 metres the seals are still holding-up well.

All in all, ships staff and self are very satisfied. The vessel is currently in Singapore dry-dock, I am supervising the repairs.



BHP Billiton



'Viper limits grease discharge to zero'

As part of BHPBIO's commitment to zero harm to our environment, a wire rope lubricator called Viper was recently introduced at Finucane Island Shiploader 3.

Until now, wire ropes were lubricated with grease applied by hand and bushes. However due to the difficulty in spreading the grease evenly across the ropes, large quantities of grease and dirt would be released into the environment and harbour.

By contrast, Viper evenly spreads the lubrication, scrapes the dirt from the rope into a Rubbish tray and disposes of excess grease back to its container all in one action. As a result, environmental contamination is kept to zero.



Subsea 7



'definitely realised a benefit and ease of use'

The Viper has been working well, the guys on-board have been using it and definitely realised a benefit and ease of use over previous lubricators that have been used before.



ABS Consulting

'Penetrated evenly throughout all the individual wires'

A Product demonstration and training was set up using a length of 32mm dia x 200 mtr. Wire rope sitting on a rotational turntable on one end and power spooling using Oceanic 6 spooling machine.

It was noted that whilst the system was in activation, after acquiring the right wire rope speed, tension and air pressure, access lubricant discharge/ drip was almost non-existent.

After the completion of the demonstration, the wire was cut into 2 parts and the cross section exposed. A selection of strands were broom from the outer strands down to the core. It was sighted that the lubricant had penetrated evenly throughout all the individual wires. These results constitute a fortification that Viper Pressure Lubricator had achieved a total lubrication on the wire rope by means of penetration from the outer strands down to the core.



EMAS

'Easily used, spotlessly clean and efficient'

We received one of your units several weeks ago and immediately put it to use on 3000m of umbilical and several cursor wires, I have been in this game for 26 years and this is by far the best, easily used, spotlessly clean and efficient unit I have used in this period.



'Superior Protection for Wire Ropes'