Viper WIRE ROPE LUBRICATOR

Viper Manual Rope Cleaner Solution (VMRCS)

Viper WRL Introduces the Ultimate in Wire Rope Cleaning Technology - Safe, Fast & Effective

Build-up of contamination cause accelerated wear on ropes and sheaves, whilst also acting as an abrasive on interacting surfaces.

Visual inspections are also a critical part of any wire rope maintenance regime. Removal of the old lube and contaminants is important to assist in uncovering any potential issues.

To achieve optimum performance of wire rope assets it is critical that old lubricant & contamination is removed from the outer strands and valleys of the rope, prior to inspections and before re-lubrication is completed.

Viper WRL has revolutionized the process of cleaning ropes by combining CAD based design with manufacturing techniques and composite materials to deliver the Viper Manual Rope Cleaner Solution Kit.

Fig 1. The Viper Manual Rope Cleaner Solution (VMRCS).

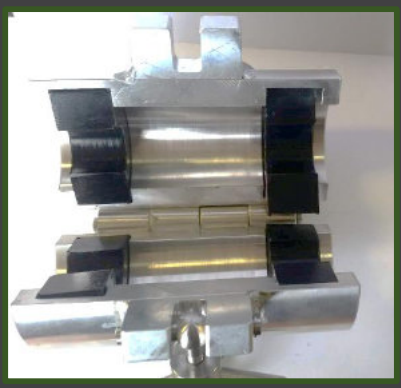

Fig 2. Viper MRC with guide bushes.

Rope Cleaner (VRC) Selection

The Viper Manual Rope Cleaner Solution Kit (VMRCS) is used in conjunction with our Viper rope cleaners (VRC). This custom designed collar provides a unique guide for both our standard VRC and our Smooth bore cleaners. The collar incorporates two high density poly guide bushes which keeps the collar and therefore the rope cleaners centered on the wire rope.

The Viper Manual Rope Cleaner Solution Kit comes complete with the following items:

- VMRCS – Custom Collar
- 2 x D Shackles
- 2 x Tie down straps

APPLICATIONS

- *WHARF CRANES*
- *SHIP CRANES*
- *ROV CABLES*
- *MINE WINDERS MOBILE CRANES ANCHOR ROPES*
- *DECK WINCHES OVERHEAD CRANES SHIP LOADERS*

FEATURES & BENEFITS

- *Effectively removes external contamination on wire ropes so visual inspection of rope can take place.*
- *Safer for staff, reduced lubricant usage, less leakage & mess. One person job- easy to install & use.*
- *Reduced downtime associated with rope lubrication which improves equipment availability.*
- *Less wear on sheaves & winch drums.*
- *Removes contamination in the valleys of the rope.*
- *Unit has two support bushes spaced well apart giving the unit a lot of stability.*
- *No tools required, very easy & fast to install.*

Viper Manual Rope Cleaner Solution (VMRCS)

WIRE ROPE LUBRICATOR

Actual Rope Size	Support Guide Bush	Viper Smooth Bore Rope Cleaner for Compact Ropes	Viper Rope Cleaner 6 Strand Ropes		Viper Rope Cleaner 8 Strand Ropes	
			Right Lay	Left Lay	Right Lay	Left Lay
6mm to 7mm 15/64" to 9/32"	N/A	N/A	N/A	N/A	N/A	NA
8mm to 10mm 5/16" to 3/8"	VRC-SBG11	VRCSB9	N/A	N/A	N/A	NA
11mm to 12mm 7/16" to 15/32"	VRC-SBG13	VRCSB11	N/A	N/A	N/A	NA
13mm to 14mm ½" to 9/16"	VRC-SBG15	VRCSB13	N/A	N/A	N/A	NA
15mm to 16mm 19/32" to 5/8"	VRC-SBG17	VRC-SB15	VRC16-6R	VRC16-6L	N/A	NA
17mm to 18mm 21/32 to 11/16"	VRC-SBG19	VRC-SB17	VRC18-6R	VRC18-6L	N/A	NA
19mm to 20mm ¾" to 25/32"	VRC-SBG21	VRC-SB19	VRC20-6R	VRC20-6L	N/A	NA
21mm to 22mm 13/16" to 7/8"	VRC-SBG23	VRC-SB21	VRC-22-6R	VRC22-6L	N/A	NA
23mm to 24mm 29/32" to 15/16"	VRC-SBG25	VRC-SB23	VRC24-6R	VRC24-6L	VRC24-8R	VRC24-8L
25mm to 26mm 1" to 1 1/32"	VRC-SBG27	VRC-SB25	VRC26-6R	VRC26-6L	VRC26-8R	VRC26-8L
27mm to 28mm 1 1/16" to 1 1/8"	VRC-SBG29	VRC-SB27	VRC28-6R	VRC28-6L	VRC28-8R	VRC28-8L
29mm to 30mm 1 5/32" to 1 3/16"	VRC-SBG32	VRC-SB29	VRC30-6R	VRC30-6L	VRC30-8R	VRC30-8L
31mm to 33mm 1 ¼" to 1 5/16"	VRC-SBG34	VRC-SB32	VRC32-6R	VRC32-6L	VRC32-8R	VRC32-8L
34mm to 36mm 1 11/32" to 1 13/32"	VRC-SBG37	VRC-SB34	VRC34-6R	VRC34-6L	VRC34-8R	VRC34-8L
36mm to 38mm 1-13/32" to-1 ½"	VRC-SBG39	VRC-SB37	VRC38-6R	VRC38-6L	VRC38-8R	VRC38-8L
39mm to 41mm 1-17/32" to 1-19/32"	VRC-SBG43	VRC-SB39	VRC40-6R	VRC40-6L	VRC40-8R	VRC40-8L
42mm to 44mm 1-5/8" to 1-¾"	VRC-SBG45	VRC-SB43	VRC44-6R	VRC44-6L	VRC44-8R	VRC44-8L
45mm to 46mm 1-25/32" to 1-13/16"	VRC-SBG47	VRC-SB45	VRC46-6R	VRC46-6L	VRC46-8R	VRC46-8L
47mm to 48mm 1-27/32" to 1-7/8"	VRC-SBG49	VRC-SB47	VRC48-6R	VRC48-6L	VRC48-8R	VRC48-8L
49mm to 50mm 1-15/16" to 1-31/32"	VRC-SBG52	VRC-SB49	VRC50-6R	VRC50-6L	VRC50-8R	VRC50-8L
51mm to 53mm 2" 2-3/32"	VRC-SBG54	VRC-SB52	VRC52-6R	VRC52-6L	VRC52-8R	VRC52-8L
54mm to 55mm 2-1/8" to 2-5/32"	VRC-SBG54	VRC-SB54	VRC54-6R	VRC54-6L	VRC54-8R	VRC54-8L

Note Viper Rope Cleaners (VRC) or Smooth Bore Cleaners (VRC-SB) & Guide Bushes (VRC-SBG) are orderedseparately to suitthe ropes requiring cleaning.