

# Grease Safe®

## Wire Rope Lubricator



### The Wire Rope Lubrication Solution

The manual lubrication of wire ropes via the drip, brush, spatula or rubber glove method has always been a difficult and time consuming maintenance task. Typically messy asphaltic or "blackjack" type products are employed which have coating abilities but very little lubrication or penetration properties.

The GREASE SAFE® Wire Rope Lubricator provides fast and effective one pass lubrication of wire ropes from 5/16" (8mm) to 2.5" (63mm) in diameter at speeds up to 3,333 feet (1,000 meters) per hour. It eliminates the slow and labor-intensive task of manual lubricant application, at the same time achieving more thorough results by forcing quality lubricant under high pressure right through to the core of the wire rope.

### The System

The system consists of the Lubricator Collar assembly which houses the polyurethane seals to suit the specific size rope. The assembly is clamped around the rope and anchored to a fixed point. The rope is then pulled through the collar as the lubricant is applied with a high pressure grease pump, forcing lubricant between the strands to the center of the rope. The result is a fully lubricated wire rope with a smooth minimal film of lubricant on the outer strands.

The benefits over conventional drip and brush or spray systems are substantial. The GREASE SAFE Wire Rope Lubricator also operates at a higher pressure than most other lubricator collars on the market which only use a few hundred PSI pressure.



**For more information please contact:**

**ph: (630) 820-8930 or [sales@fluiddefense.com](mailto:sales@fluiddefense.com)**

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### FEATURES & BENEFITS

- **NO MORE MANUAL GREASING**
- **STOPS CORROSION/PROTECTS ROPES**
- **PENETRATES TO THE WIRE ROPE CORE**
- **LESS WASTE AND MESS**
- **FAST AND EFFICIENT -**  
AT SPEEDS UP TO 3,333 FEET (1,000 METERS) PER HOUR
- **HIGH PRESSURE -**  
HIGH PRESSURE OPERATES UP TO 6,000PSI
- **LUBRICATES ROPES FROM 5/16" TO 2.5"**

### APPLICATIONS

- WHARF CRANES
- SHIP CRANES
- ROV CABLES
- MINE WINDERS
- MOBILE CRANES
- OIL WELL PLATFORMS
- ANCHOR ROPES
- DECK WINCHES
- OVERHEAD CRANES
- SHIPLoadERS



## GREASE SAFE® Wire Rope Lubricator Kit

PART# 310000

The GREASE SAFE Wire Rope Lubricator is available in both Kit and component form. The Kit includes all the equipment you need to get started. Simply order the Kit and select the Seals and Scrapers appropriate to the wire you are lubricating.

### Kit Components

- Collar
- Pneumatic Grease Pail Pump
- Seals (one pair)
- Scrapers (one set of 4)
- Highly durable all-weather Storage Case with Wheels
- Air Regulator with On / Off Ball Valve
- 3' clear excess Lubricant Hose
- Operating and Safety Instructions

### Collar

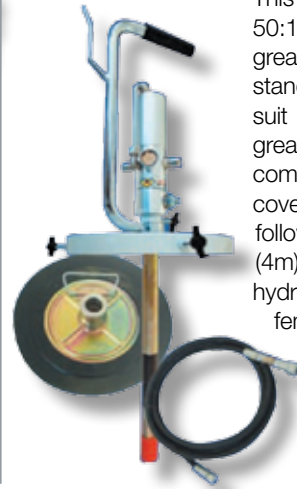
The Collar is the heart of the GREASE SAFE Wire Rope Lubricator system. With robust steel construction and corrosion protective coating, the collar has two anchor holes at each end to enable it to be secured plus easy to use locking toggles to lock the two halves of the collar in place. The Collar allows for lubrication of Wire Rope from 5/16" to 2.5" (8-63mm).

There is a high pressure male hydraulic coupler for lubricant supply plus a low pressure male barb fitting for attaching the product drain hose. Each end has fittings for two steel Scraper Plates. Nominate your size of Scraper Plates & Seals when ordering the Kit.



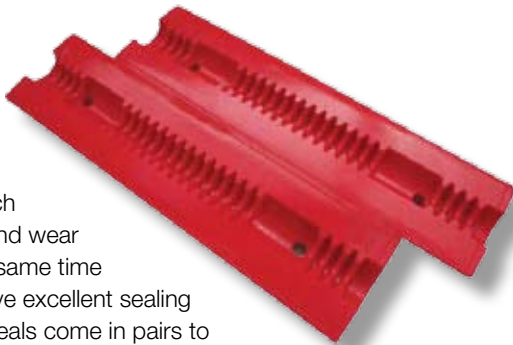
### Pneumatic Grease Pail Pump

This high pressure 50:1 ratio air operated grease pump with the standard kit sized to suit a 5 gallon (20kg) grease pail. The Kit comes with a drum cover, carry handle, follower plate and 13' (4m) of high pressure hydraulic hose with a female quick connect hydraulic coupler on the end.



### Seals

The Wire Rope Lubricator Seals are made from a poly-urethane material which is extremely durable and wear resistant, while at the same time being flexible to achieve excellent sealing under pressure. The seals come in pairs to suit each individual rope size and are identical so can be reversed if one end becomes worn. They are easily removed and changed for different size ropes or cleaning and storage after use. There are 14 different size seals to accommodate wire ropes from 5/16" to 2.5" (8-63mm).



Consult our Seal and Scraper Selection Guide to determine the right size Seals for your wire rope.

### Scrapers

Steel Scrapers are fixed to the end of the Wire Rope Lubricator Collar to pre-clean dirty wire ropes and also to protect the seal from broken strands by flattening loose wires. There are 56 different size scrapers to accommodate wire ropes from 5/16" to 2.5" (8-63mm).



Consult our Seal and Scraper Selection Guide to determine the right size Scrapers for your wire rope.

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