

Section ONE

Standard Model Wire Rope Lubrication Systems

"Navy Public Works Department, San Diego prevents WMSD's: Increases Productivity, and Reduces Costs With Automated Cleaning and Wire Rope Lubrication System (Kirkpatrick Model SU35B Wire Rope Lubricator)"

"Manual Wire Rope Preventative Maintenance of all of the ship's wires was taking a week to complete. Now, since receiving the Model SU35B Wire Rope Lubricator, the time to complete the project has been reduced to 1 day with fewer shipboard personnel involved."

USS Rushmore , BM1 Irwin



Standard Model Wire Rope Lubrication Systems

Standard Model Wire Rope Lubrication Systems

- Available in three models that accommodate wire rope, seal and scraper plate diameters to 1-7/8 in. (49 mm).
- Each model is provided with one diameter seal and scraper plate kit and one diameter and lay groove cleaner kit as part of the complete system.
- Customers specify diameter, number of outer strands and lay direction of wire rope when ordering.

Light Weight Hinged Proprietary Formulation Aluminum Lubrication Collar

- Weight 22 lbs./9.9 kg.
- Accommodates wire rope/seal diameters up to 1-7/8 in. (48 mm.)
- Hinged design feature provides safe set-up and maneuverability in cramped or high work locations. This feature protects against any accidental dropping of parts that may cause injury to those below.
- High grade specially formulated aluminum provides durable yet flexible protection against over tightening.
- Discharge tube acts as a handle for safety reasons as well as allowing excess lubricant to evacuate into catch container. This enables the operator to verify that the lubrication collar has become filled so the wire rope travel can commence.
- A recycling valve is attached to the discharge tube nipple. This allows the user to redirect lubricant flow back to the wire rope entrance port of the lubrication collar for optimized consumption and pressurization.
- Clear excess lubricant discharge hose attaches to recycling valve nipple. This item enables the operator to verify that the lubrication collar has filled. In addition it provides controlled evacuation of lubricant overflow during system operation for recycling.
- Two 3/8 in. shackles

Standard Seal & Scraper Plate Kit

- New Patent Pending Design Features
- Weight 5 lb./2.25 kg.
- Customers specify diameter
- Seals lubrication collar neatly around the wire rope being treated for optimum penetration.
- Four piece metal scraper plate set provides a rotational base for the groove cleaner assemblies, they also smooth out the newly applied surface coating of the wire rope as it exits the lubrication collar.
- Standard system seals consist of specifically formulated, durable, polyurea materials, that provide better and longer term protection against chemical and friction wear over the less durable Nitrile rubber materials typically used in other wire rope servicing applications.
- Seal lubrication chamber design is sized to specific wire rope diameter ranges. This feature provides for optimum internal pressure to maintain controlled lubricant penetration, consumption and coating levels.
- Proprietary seal interlock design increases penetration and coating performance by directing lubricants

through and around hard to penetrate wire ropes from the centered lubrication chamber toward each end of the lubrication collar.

Manual Stripper Assembly- See Section SIX

Groove Cleaner Kits

- Weight 1/2 lb./23 kg.
- Each kit contains two individual groove cleaners (4 parts total). The customer specifies the diameter, number of outer strands and lay direction of their wire rope in order to place their order.
- Cleans wire rope groove pattern and outer circumference for better penetration and coating inside the lubrication collar (smooth bore groover design can be substituted for non-spin or multi strand wire rope configurations).

7,000 PSI Rated Stainless Steel Lubricant Control Valve- Additional Valve Offered With Each System

- With brass quick coupler nipple
- Allows the operator to control lubricant flow to the lubrication collars when adjustments are required for any increase or decrease in wire rope travel speed and/or available air pressure.

50:1 Ratio Pump: Maximum 128 oz./Minute Lubricant Delivery System

- Weight 30-40 lb./13.5-18 kg
- High volume feed keeps consistent pressurization at high wire rope travel speeds.
- The flow specification is based on a maintained 80 PSI air pressure setting utilizing NLGI Grade 1 (one) grease consistency at 80°F/27°C)

Follower Plate

- Helps prevent air pockets as the lubricant level lowers in the pail

Pail/Drum Cover

- Covers the top of the pail/drum
- Keeps the pump centered and secure during operation

Air Components (FRL)

- 150 PSI rated, piggybacked, single piece FRL component regulates available air pressure, filters contaminants entering the air motor and lubricates the air supply preventing time consuming air motor icing during longer wire rope runs.

10 ft. Length 2,500 PSI Rated Lubricant Supply Hose

- Brass push to pull fittings for time saving and safe quick connect and disconnect function.
- Optional lengths are also available.

Durable Storage Case for Component Parts

- Weight 20 lbs./9 kg.
- Military and Law Enforcement approved.

Pump Repair Kit

Technical Manual and Videos

Kirkpatrick Standard Model SU35B

Wire Rope Lubrication Systems

Model: SU35B (US/NATO: NSN 4930-01-424-2197)

Standard System: 35 lb./5 gal./15.75 kg. Sized Pails

Accommodates Wire Rope Diameters to 1-7/8 in. /48 mm.

Kirkpatrick Lubrication Systems comes as an all inclusive package. Each component is listed below with No extra charge for each item and No extra charge for each additional backup component provided. System training is available at The Kirkpatrick Training Center in Dallas, Texas USA with no charge to our customers.

1	Heavy Duty Light Weight Aluminum Lubrication Collar: Wire Rope Diameters to 1-7/8" (48 mm)
1	Seal & Scraper Plate Kit: Scraper Plates Not Sold Separately <ul style="list-style-type: none"> Customers Specify Diameter
2	Wire Rope Groove Cleaner Kits: Includes Two Individual Groove Cleaners. (4 Parts Total) <ul style="list-style-type: none"> Customers Specify Diameter, Number of Outer Strands & Lay Direction
1	Manual Wire Rope Stripper & Centering Bushing <ul style="list-style-type: none"> Customers Specify Diameter
1	50:1 Ratio Pumps- 8 lb./3.6 kg. Per Minute Max. Flow Rate <ul style="list-style-type: none"> Includes One Pump Repair Kit
1	35 lb./5 gal./15.75 kg. Sized Follower Plate
1	35 lb./5 gal./15.75 kg. Pail Sized Cover
1	Air Regulator/Filter/Oiler Assembly With Gauge (150 PSI Rated)
2	Stainless Steel Lubricant Flow Control Valve (7,000 PSI Rated) <ul style="list-style-type: none"> One Additional Valve In Reserve
1	10 ft./3 m. (2,500 PSI Rated) Lubricant Supply Hose <ul style="list-style-type: none"> Custom Lengths Available Upon Request
1	Pail of Environmentally Safe Dynagard Blue Wire Rope Lubricant <ul style="list-style-type: none"> 92,000 PPM Bio-Aquatic LC50 Rating at 90 Days
1	Heavy Duty Storage Case (Military & Law Enforcement Approved)



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Kirkpatrick Standard Model SU120

Wire Rope Lubrication Systems

Model: SU120 (US/NATO: NSN 4930-01-462-6338)

Standard System: 120 lb./15 gal./54 kg. Mid-Sized Drums

Accommodates Wire Rope Diameters to 1-7/8 in./48 mm.

<i>Kirkpatrick Lubrication Systems comes as an all inclusive package. Each component is listed below with No extra charge for each item and No extra charge for each additional backup component provided. System training is available at The Kirkpatrick Training Center in Dallas, Texas USA with no charge to our customers.</i>	
1	Heavy Duty Light Weight Aluminum Lubrication Collar: Wire Rope Diameters to 1-7/8" (48 mm)
1	Seal & Scraper Plate Kit: Seal Kit Includes Scraper Plates (They Are Not Sold Separately): <ul style="list-style-type: none"> Customers Specify Diameter
2	Wire Rope Groove Cleaner Kits: Includes Two Individual Groove Cleaners. (4 Parts Total) <ul style="list-style-type: none"> Customers Specify Diameter, Number of Outer Strands & Lay Direction
1	Manual Wire Rope Stripper & Centering Bushing <ul style="list-style-type: none"> Customers Specify Diameter
1	50:1 Ratio Pumps- 8 lb./3.6 kg. Per Minute Max. Flow Rate <ul style="list-style-type: none"> Includes One Pump Repair Kit
1	120 lb./15 gal./54 kg. Mid-Sized Follower Plate
1	120 lb./15 gal./54 kg. Mid-Sized Drum Cover
1	Air Regulator/Filter/Oiler Assembly With Gauge (150 PSI Rated)
2	Stainless Steel Lubricant Flow Control Valve (7,000 PSI Rated) <ul style="list-style-type: none"> One Additional Valve In Reserve
1	10 ft./3 m. (2,500 PSI Rated) Lubricant Supply Hose <ul style="list-style-type: none"> Custom Lengths Available Upon Request
1	Pail of Environmentally Safe Dynagard Blue Wire Rope Lubricant <ul style="list-style-type: none"> 92,000 PPM Bio-Aquatic LC50 Rating at 90 Days
1	Heavy Duty Storage Case (Military & Law Enforcement Approved)



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Kirkpatrick Standard Model SU400C

Wire Rope Lubrication Systems

Model: SU400C

Standard System: 400 lb./55 gal./180 kg. Sized Drums

Accommodates Wire Rope Diameters to 1-7/8 in./48 mm.

<i>Kirkpatrick Lubrication Systems comes as an all inclusive package. Each component is listed below with No extra charge for each item and No extra charge for each additional backup component provided. System training is available at The Kirkpatrick Training Center in Dallas, Texas USA with no charge to our customers.</i>	
1	Heavy Duty Light Weight Aluminum Lubrication Collar: Wire Rope Diameters to 1-7/8" (48 mm)
1	Seal & Scraper Plate Kit: Scraper Plates Not Sold Separately <ul style="list-style-type: none"> Customers Specify Diameter
2	Wire Rope Groove Cleaner Kits: Includes Two Individual Groove Cleaners. (4 Parts Total) <ul style="list-style-type: none"> Customers Specify Diameter, Number of Outer Strands & Lay Direction
1	Manual Wire Rope Stripper & Centering Bushing <ul style="list-style-type: none"> Customers Specify Diameter
1	50:1 Ratio Pumps- 24 lb./10.9 kg. Per Minute Max. Flow Rate: <ul style="list-style-type: none"> Includes One Pump Repair Kit
1	400 lb./55 gal./180 kg. Sized Follower Plate
1	400 lb./55 gal./180 kg. Drum Sized Cover
1	Air Regulator/Filter/Oiler Assembly With Gauge (250 PSI Rated)
2	Stainless Steel Lubricant Flow Control Valve (7,000 PSI Rated) <ul style="list-style-type: none"> One Additional Valve In Reserve
1	10 ft./3 m. (2,500 PSI Rated) Lubricant Supply Hose <ul style="list-style-type: none"> Custom Lengths Available Upon Request
1	Pail of Environmentally Safe Dynagard Blue Wire Rope Lubricant <ul style="list-style-type: none"> 92,000 PPM Bio-Aquatic LC50 Rating at 90 Days
1	Heavy Duty Storage Case (Military & Law Enforcement Approved)



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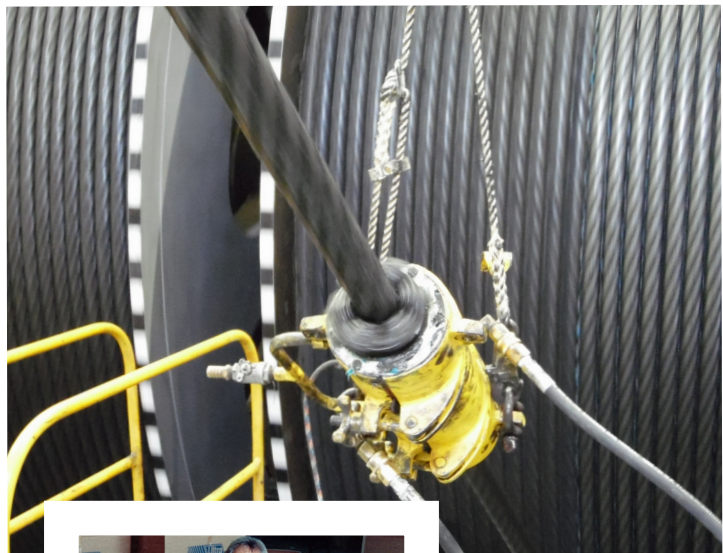
Section TWO

Jumbo Model Wire Rope Lubrication Systems

“Mr. Raymond Beaudreau, a civilian consultant for Military Sealift Command, requested that the vessels’ 2-1/4” rusty and kinked tow wire be used for the operation. The wire was re-spooled at approximately 150’ per min. through the Jumbo Wire Rope Lubrication Collar.

Results: “Examined 2-1/4” tow wire and found it to be scraped clean of rust and old lubricant. New lubricant had penetrated every visible part of the wire. The system performed well & achieved good results on substantially degraded rope (2-1/4” tow wire). A job that took days was complete in a few hours.”

U.S. Navy Supervisor of Salvage Evaluation of Kirkpatrick Jumbo Wire Rope Lubricator



Jumbo Model Wire Rope Lubrication Systems

Jumbo Model Wire Rope Lubrication Systems

- Each jumbo system allows the user the capability of servicing a broader range of wire rope diameters and travel speeds due to a larger lubrication collar and a higher capacity lubricant delivery system.
- The system accommodates: wire rope, seal and scraper plates diameters from 3/8 in. (10 mm.) to 4-1/4 in. (108 mm.).
- Each model is provided with one diameter seal and scraper plate kit and one diameter & lay groove cleaner kit as part of the complete system.
- Customers specifies diameter, number of outer strands and lay direction of wire rope when placing order.

Light Weight Hinged Proprietary, Specially Formulated Aluminum Lubrication Collar

- Weight 40 lbs./18 kg.
- Accommodates wire rope & seal diameters up to 4-1/8 in. (108 mm.).
- Hinged design feature provides safe set-up and maneuverability in cramped or high work areas. This feature protects against any accidental dropping of part that may cause injury to those below.
- High grade specially formulated aluminum provides durable yet flexible protection against over tightening.
- Discharge tube acts as a handle for safety reasons as well as allowing excess lubricant to evacuate into catch container. This enables the operator to verify that the lubrication collar has become filled so the wire rope travel can begin.
- A recycling valve is attached to the discharge tube nipple. This allows the user to redirect lubricant flow back to the wire rope entrance port of the lubrication collar for optimized consumption and pressurization.
- Clear excess lubricant discharge hose attaches to recycling valve nipple. This item enables the operator to verify that the lubrication collar has filled. In addition it provides controlled evacuation of lubricant overflow during system operation for recycling.
- Two 5/8 in. Shackles

Jumbo Seal & Scraper Plate Kit

- New patent pending design features upcoming.
- Weight 16 lb./8 kg.
- Customer specifies diameter.
- Seals lubrication collar neatly around the wire rope being treated.
- Four piece metal scraper plate set provides a rotational base for the groove cleaner assemblies in order to smooth out the newly applied surface coating of the wire rope as it exits the lubrication collar.
- Jumbo system seals consist of specifically formulated, durable, polyurea materials provide better and longer term protection against chemical and friction wear over the less durable Nitrile rubber materials typically used in other wire rope servicing applications.
- Seal lubrication chamber design is sized to specific wire rope diameter ranges. This feature provides for optimum internal pressure to maintain controlled lubricant consumption and coating levels.

- Proprietary seal interlock design increases penetration and coating performance by directing lubricants through and around hard to penetrate wire ropes from the centered lubrication chamber toward each end of the Lubrication Collar.

Manual Stripper Assembly- See Section SIX

Groove Cleaner Kits

- Weight 1 lb./.45 kg.
- Each kit contains two individual groove cleaners (4 parts total). The customer must specify the diameter, number of outer strands and lay direction of their wire rope in order to place their order.
- Cleans wire rope groove pattern and outer circumference for better penetration and coating inside the Lubrication collar. (smooth bore groover design can be substituted for non-spin or multi strand wire rope configurations).

7,000 PSI Rated Stainless Steel Lubricant Control Valve- Additional Valve Offered With Each System

- With brass quick coupler nipple
- Allows the operator to control lubricant flow to the lubrication collars when adjustments are required for any increase or decrease in wire rope travel speed and/or available air pressure.

50:1 Ratio Pump: 384 oz. Maximum/Minute Lubricant Delivery System

- Weight 30-40 lb./13.5-18 kg.
- High volume feed keeps consistent pressurization on larger diameter wire rope traveling at higher speeds.
- The flow specification is based on a maintained 80 PSI air pressure setting utilizing NLGI Grade 1 (one) grease consistency at 80°F/27°C)

Follower Plate

- Helps prevent air pockets as the lubricant level lowers in the pail

Pail/Drum Cover

- Covers the top of the drum and keeps the pump centered and secure during operation

Air Components (FRL)

- 250 PSI rated, piggybacked, single piece FRL component regulates available air pressure, filters contaminants entering the air motor and lubricates the air supply preventing time consuming air motor icing during longer wire rope runs.

10 ft. Length 2,500 PSI Rated Lubricant Supply Hose

- Optional lengths are also available)
- Brass push to pull fittings for time saving and safe quick connect and disconnect function.

Durable Storage Case for Component Parts

- Weight 20 lbs./9 kg.
- Military and Law Enforcement approved.

Pump Repair Kit

Technical Manual and Videos

Kirkpatrick Jumbo Model JU35

Wire Rope Lubrication Systems

Model: JU35

Jumbo System: 35 lb./5 gal./15.75 kg. Sized Pails

Accommodates Wire Rope Diameters to 4-1/4 in./108 mm.

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1	Heavy Duty Light Weight Aluminum Lubrication Collar: Wire Rope Diameters to 4-1/4" (108 mm)
1	Seal & Scraper Plate Kit: Scraper Plates Not Sold Separately <ul style="list-style-type: none"> Customers Specify Diameter
2	Wire Rope Groove Cleaner Kits: Includes Two Individual Groove Cleaners. (4 Parts Total) <ul style="list-style-type: none"> Customers Specify Diameter, Number of Outer Strands & Lay Direction
1	Manual Wire Rope Stripper & Centering Bushing <ul style="list-style-type: none"> Customers Specify Diameter
1	50:1 Ratio Pumps- 24 lb./10.9 kg. Per Minute Max. Flow Rate: <ul style="list-style-type: none"> Includes One Pump Repair Kit
1	35 lb./5 gal./15.75 kg. Sized Follower Plate
1	35 lb./5 gal./15.75 kg. Pail Sized Cover
1	Air Regulator/Filter/Oiler Assembly With Gauge (250 PSI Rated)
2	Stainless Steel Lubricant Flow Control Valve (7,000 PSI Rated) <ul style="list-style-type: none"> One Additional Valve In Reserve
1	10 ft./3 m. (2,500 PSI Rated) Lubricant Supply Hose <ul style="list-style-type: none"> Custom Lengths Available Upon Request
1	Duo-Lube Hose Assembly For Two Sided Lubricant Feed (2,500 PSI Rated)
1	Pail of Environmentally Safe Dynagard Blue Wire Rope Lubricant <ul style="list-style-type: none"> 92,000 PPM Bio-Aquatic LC50 Rating at 90 Days
1	Heavy Duty Storage Case (Military & Law Enforcement Approved)



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Kirkpatrick Jumbo Model JU120

Wire Rope Lubrication Systems

Model: JU120 (US/NATO: NSN 4930-01-462-6338)

Jumbo System: 120 lb./15 gal./54 kg. Mid-Sized Drums

Accommodates Wire Rope Diameters to 4-1/4 in./108 mm.

Kirkpatrick Lubrication Systems comes as an all inclusive package. Each component is listed below with No extra charge for each item and No extra charge for each additional backup component provided. System training is available at The Kirkpatrick Training Center in Dallas, Texas USA with no charge to our customers.

1	Heavy Duty Light Weight Aluminum Lubrication Collar: Wire Rope Diameters to 4-1/4" (108 mm)
1	Seal & Scraper Plate Kit: Scraper Plates Not Sold Separately <ul style="list-style-type: none"> Customers Specify Diameter
2	Wire Rope Groove Cleaner Kits: Includes Two Individual Groove Cleaners. (4 Parts Total) <ul style="list-style-type: none"> Customers Specify Diameter, Number of Outer Strands & Lay Direction
1	Manual Wire Rope Stripper & Centering Bushing <ul style="list-style-type: none"> Customers Specify Diameter
1	50:1 Ratio Pumps- 24 lb./10.9 kg. Per Minute Max. Flow Rate: <ul style="list-style-type: none"> Includes One Pump Repair Kit
1	120 lb./15 gal./54 kg. Mid-Sized Follower Plate
1	120 lb./15 gal./54 kg. Mid-Sized Drum Cover
1	Air Regulator/Filter/Oiler Assembly With Gauge (250 PSI Rated)
2	Stainless Steel Lubricant Flow Control Valve (7,000 PSI Rated) <ul style="list-style-type: none"> One Additional Valve In Reserve
1	10 ft./3 m. (2,500 PSI Rated) Lubricant Supply Hose <ul style="list-style-type: none"> Custom Lengths Available Upon Request
1	Duo-Lube Hose Assembly For Two Sided Lubricant Feed (2,500 PSI Rated)
1	Pail of Environmentally Safe Dynagard Blue Wire Rope Lubricant <ul style="list-style-type: none"> 92,000 PPM Bio-Aquatic LC50 Rating at 90 Days
1	Heavy Duty Storage Case (Military & Law Enforcement Approved)



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Kirkpatrick Jumbo Model JU400

Wire Rope Lubrication Systems

Model: JU400

Jumbo System: 400 lb./55 gal./180 kg. Sized Drums

Accommodates Wire Rope Diameters to 4-1/4 in./108 mm.

<i>Kirkpatrick Lubrication Systems comes as an all inclusive package. Each component is listed below with No extra charge for each item and No extra charge for each additional backup component provided. System training is available at The Kirkpatrick Training Center in Dallas, Texas USA with no charge to our customers.</i>	
1	Heavy Duty Light Weight Aluminum Lubrication Collar: Wire Rope Diameters to 4-1/4" (108 mm)
1	Seal & Scraper Plate Kit: Scraper Plates Not Sold Separately <ul style="list-style-type: none"> Customers Specify Diameter
2	Wire Rope Groove Cleaner Kits: Includes Two Individual Groove Cleaners. (4 Parts Total) <ul style="list-style-type: none"> Customers Specify Diameter, Number of Outer Strands & Lay Direction
1	Manual Wire Rope Stripper & Centering Bushing <ul style="list-style-type: none"> Customers Specify Diameter
1	50:1 Ratio Pumps- 24 lb./10.9 kg. Per Minute Max. Flow Rate: <ul style="list-style-type: none"> Includes One Pump Repair Kit
1	400 lb./55 gal./180 kg. Sized Follower Plate
1	400 lb./55 gal./180 kg. Drum Sized Cover
1	Air Regulator/Filter/Oiler Assembly With Gauge (250 PSI Rated)
2	Stainless Steel Lubricant Flow Control Valve (7,000 PSI Rated) <ul style="list-style-type: none"> One Additional Valve In Reserve
1	10 ft./3 m. (2,500 PSI Rated) Lubricant Supply Hose <ul style="list-style-type: none"> Custom Lengths Available Upon Request
1	Duo-Lube Hose Assembly For Two Sided Lubricant Feed (2,500 PSI Rated)
1	Pail of Environmentally Safe Dynagard Blue Wire Rope Lubricant <ul style="list-style-type: none"> 92,000 PPM Bio-Aquatic LC50 Rating at 90 Days
1	Heavy Duty Storage Case (Military & Law Enforcement Approved)



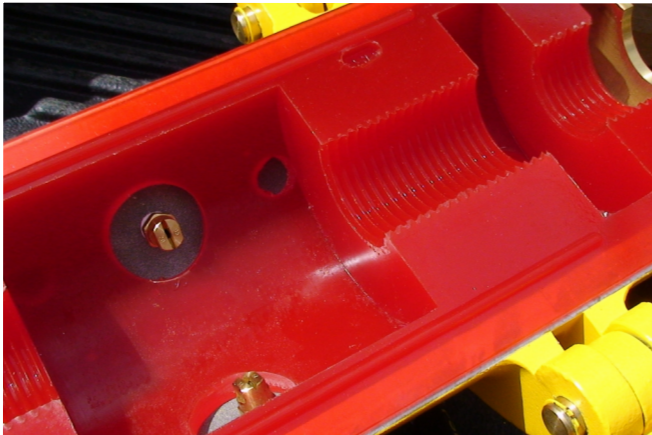
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Section THREE

Jumbo Internal Spray Wire Rope Application Systems

"Wire Rope used in up shaft ventilation was being lubricated at 50 ft. to 60 ft. per minute using a grease funnel installation. Since purchasing their Kirkpatrick System, lubrication speed has been increased by 100%. Mine personnel estimate the life of their wire rope has been increased by 50% to 90%."

Teck Corona Gold Mine



JUL Internal Spray Wire Rope Application Systems

JUL Internal Spray Configuration Systems

- JUL systems available in 3 models are designed to apply low viscosity oils or thixotropic evaporative products through four internal nozzles giving a controlled 360° application within an enclosed lubrication chamber. Greases can also be used up to NLGI Grade "000" through NLGI Grade 2 viscosities.
- Each system accommodates wire rope, seal and scraper plates diameters through 2-1/4" (57 mm.) for low viscosity high flow spray applications such as oils.
- Each system also accommodates wire rope, seal and scraper plates diameters 4-1/4 in. (108 mm.) for heavier slow flow viscosities.
- Each model is provided with one diameter seal and scraper plate kit & one diameter and lay groove cleaner kit as part of the complete system.
- Customers specify diameter, number of outer strands and lay direction of wire rope when ordering.

Light Weight Hinged Proprietary, Specially Formulated Aluminum Lubrication Collar

- Weight 40 lbs./18 kg.
- Accommodates wire rope and seal diameters up to 2-1/4 in. (57 mm.) for spray oil applications and up to 4-1/4 in. (108 mm.) for low flow viscosity greases.
- Hinged design feature provides safe maneuverability and set-up in cramped or high work locations. Single piece design feature protects against accidental dropping of parts that may cause injury.
- High grade specially formulated aluminum provides durable yet flexible protection against over tightening and metal fatigue.
- The discharge port leading through the lubrication collar wall, allows excess low viscosity lubricants (oil) to freely flow from the central seal lubrication chamber during spray applications so that the internal spray nozzles can maintain a consistent spray pattern & not be blocked by lubricant retained inside the seal chamber. It also acts to allow the central lubrication chamber to fill and become pressurized when using high viscosity greases. Both instances enable the operator to verify that the lubrication collar has become filled and wire rope travel can commence.
- Clear excess lubricant discharge hose allows operator to verify that the lubrication collar has filled and provides controlled evacuation of lubricant excess during system operation.
- Two 5/8 in. Shackles

JUL Configured Seal & Scraper Plate Kit

- New patent pending design features
- Weight 5 lb./2.25 kg.
- Customer specifies diameter, number outer strands and lay direction of wire rope.
- Seals lubrication collar neatly around the wire rope being treated.
- Four piece metal scraper plates provide a rotational base for the groove cleaner assemblies in order to smooth out the newly applied surface coating of the wire rope as it exits the lubrication collar.
- JUL system seals consist of specially formulated, durable, polyurea materials provide better and long term protection against chemical and friction wear over the less durable Nitrile rubber materials typically used in other wire rope servicing applications.

- Seal lubrication chamber design is sized to specific wire rope diameters and provides optimum internal pressure, controlled lubricant consumption and coating levels through four high pressure application nozzles.
- Proprietary seal interlock design increases penetration and coating performance by directing lubricants through and around hard to penetrate wire ropes from the centered lubrication chamber toward each end of the lubrication collar.

Manual Stripper Assembly- See Section SIX

Groove Cleaner Kits

- Weight 1 lb./.45 kg.
- Each kit contains two individual groove cleaners. The customer must specify the diameter, number of outer strands and lay direction of their wire rope to place their order.
- Cleans wire rope groove pattern and outer circumference for better penetration and coating inside the lubrication collar. (smooth bore groover design can be substituted for non-spin or multi strand wire rope configurations).

7,000 PSI Rated Stainless Steel Lubricant Control Valve- Additional Valve Offered With Each System

- With brass quick coupler nipple
- Allows the operator to control lubricant flow to the lubrication collars when adjustments are required for any increase or decrease in wire rope travel speed and/or available air pressure.

50:1 Ratio Pump: 128 oz. Maximum /Minute Lubricant Delivery System

- Weight 30-40 lb./13.5-18 kg.
- Grease: 8 lb./3.6 kg. / Oils: 6 gal./22.71 liters per minute maximum flow rate
- High volume feed keeps consistent pressurization at high wire rope travel speeds.
- The flow specification is based on a maintained 40 PSI air pressure setting utilizing 30 weight oil viscosity coating product, however system will accommodate greases as well.

Follower Plate

- Helps prevent air pockets as the lubricant level lowers in the pail

Pail/Drum Cover

- Covers the top of the drum and keeps the pump centered and secure during operation

Air Components (FRL)

- 150 PSI rated, piggybacked, single piece FRL component regulates available air pressure, filters contaminants entering the air motor and lubricates the air supply preventing time consuming air motor icing during longer wire rope runs.

10 ft. Length 2,500 PSI Rated Lubricant Supply Hose

- Optional lengths are also available
- Brass push to pull fittings for time saving and safe quick connect and disconnect function.

Durable Storage Case for Component Parts

- (20 lbs./9 kg.)
- Military & Law Enforcement Approved

Pump Repair Kit

Technical Manual and Videos

Kirkpatrick Model JU5L

Internal Spray Wire Rope Application Systems

Model: JU5L

Spray Nozzle Applicator: 35 lb./15.75 kg./5 gal./18.92 liters Size Pails

Oil Application/Wire Rope Diameters to 2-1/4 in./58 mm.

Grease Application/Wire Rope Diameters to 4-1/4 in./108 mm.

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1	Heavy Duty Light Weight Aluminum Lubrication Collar <ul style="list-style-type: none"> Accommodates Wire Rope Diameters to 58 mm. (Oil), 108 mm. (Grease)
1	Seal & Scraper Plate Kit: Scraper Plates Not Sold Separately <ul style="list-style-type: none"> Customers Specify Diameter
2	Wire Rope Groove Cleaner Kits: Includes Two Individual Groove Cleaners. (4 Parts Total) <ul style="list-style-type: none"> Customers Specify Diameter, Number of Outer Strands & Lay Direction
1	Manual Wire Rope Stripper & Centering Bushing <ul style="list-style-type: none"> Customers Specify Diameter
1	50:1 Ratio Pumps: (Grease) 8 lb./3.6 kg. (Oil) 6 gal./22.71 liters per min <ul style="list-style-type: none"> Includes One Pump Repair Kit
1	35 lb./5 gal./15.54 kg. Sized Follower Plate
1	35 lb./55 gal./15.54 kg. Sized Pail Cover
1	Air Regulator/Filter/Oiler Assembly With Gauge (150 PSI Rated)
2	Stainless Steel Lubricant Flow Control Valve (7,000 PSI Rated) <ul style="list-style-type: none"> One Additional Valve In Reserve
1	10 ft./3 m. (2,500 PSI Rated) Lubricant Supply Hose <ul style="list-style-type: none"> Custom Lengths Available Upon Request
1	Duo-Lube Hose Assembly For Two Sided Lubricant Feed (2,500 PSI Rated) <ul style="list-style-type: none"> 4 Individual Lubricant Feed Nozzles (5,000 PSI Rated)
1	Pail of Environmentally Safe Dynagard Blue Wire Rope Lubricant <ul style="list-style-type: none"> 92,000 PPM Bio-Aquatic LC50 Rating at 90 Days
1	Heavy Duty Storage Case (Military & Law Enforcement Approved)



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Kirkpatrick Model JU15L


Internal Spray Wire Rope Application Systems

Model: JU15L

Spray Nozzle Applicator: 120 lb./54 kg./15 gal./56.78 liters Mid-Sized Drums

Oil Application/Wire Rope Diameters to 2-1/4 in./58 mm.

Grease Application/Wire Rope Diameters to 4-1/4 in./108 mm.

<i>Kirkpatrick Lubrication Systems comes as an all inclusive package. Each component is listed below with No extra charge for each item and No extra charge for each additional backup component provided. System training is available at The Kirkpatrick Training Center in Dallas, Texas USA with no charge to our customers.</i>	
1	Heavy Duty Light Weight Aluminum Lubrication Collar <ul style="list-style-type: none"> Accommodates Wire Rope Diameters to 58 mm. (Oil), 108 mm. (Grease)
1	Seal & Scraper Plate Kit: Scraper Plates Not Sold Separately <ul style="list-style-type: none"> Customers Specify Diameter
2	Wire Rope Groove Cleaner Kits: Includes Two Individual Groove Cleaners. (4 Parts Total) <ul style="list-style-type: none"> Customers Specify Diameter, Number of Outer Strands & Lay Direction
1	Manual Wire Rope Stripper & Centering Bushing <ul style="list-style-type: none"> Customers Specify Diameter
1	50:1 Ratio Pumps: (Grease) 8 lb./3.6 kg. (Oil) 6 gal./22.71 liters per min <ul style="list-style-type: none"> Includes One Pump Repair Kit
1	120 lb./15 gal./54 kg. Mid-Sized Follower Plate
1	120 lb./15 gal./54 kg. Mid-Sized Cover
1	Air Regulator/Filter/Oiler Assembly With Gauge (150 PSI Rated)
2	Stainless Steel Lubricant Flow Control Valve (7,000 PSI Rated) <ul style="list-style-type: none"> One Additional Valve In Reserve
1	10 ft./3 m. (2,500 PSI Rated) Lubricant Supply Hose <ul style="list-style-type: none"> Custom Lengths Available Upon Request
1	Duo-Lube Hose Assembly For Two Sided Lubricant Feed (2,500 PSI Rated) <ul style="list-style-type: none"> 4 Individual Lubricant Feed Nozzles (5,000 PSI Rated)
1	Pail of Environmentally Safe Dynagard Blue Wire Rope Lubricant <ul style="list-style-type: none"> 92,000 PPM Bio-Aquatic LC50 Rating at 90 Days
1	Heavy Duty Storage Case (Military & Law Enforcement Approved) 

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Kirkpatrick Model JU55L

Internal Spray Wire Rope Application Systems

Model: JU55L

Spray Nozzle Applicator: 400 lb./180 kg./55 gal./208 liters Sized Drums

Oil Application/Wire Rope Diameters to 2-1/4 in./58 mm.

Grease Application/Wire Rope Diameters to 4-1/4 in./108 mm.

Kirkpatrick Lubrication Systems comes as an all inclusive package. Each component is listed below with No extra charge for each item and No extra charge for each additional backup component provided. System training is available at The Kirkpatrick Training Center in Dallas, Texas USA with no charge to our customers.

1	Heavy Duty Light Weight Aluminum Lubrication Collar <ul style="list-style-type: none"> ▪ Accommodates Wire Rope Diameters to 58 mm. (Oil), 108 mm. (Grease)
1	Seal & Scraper Plate Kit: Scraper Plates Not Sold Separately <ul style="list-style-type: none"> ▪ Customers Specify Diameter
2	Wire Rope Groove Cleaner Kits: Includes Two Individual Groove Cleaners. (4 Parts Total) <ul style="list-style-type: none"> ▪ Customers Specify Diameter, Number of Outer Strands & Lay Direction
1	Manual Wire Rope Stripper & Centering Bushing <ul style="list-style-type: none"> ▪ Customers Specify Diameter
1	50:1 Ratio Pumps: (Grease) 8 lb./3.6 kg. (Oil) 6 gal./22.71 liters per min <ul style="list-style-type: none"> ▪ Includes One Pump Repair Kit
1	400 lb./55 gal./108 kg. Sized Follower Plate
1	400 lb./55 gal./108 kg. Sized Drum Cover
1	Air Regulator/Filter/Oiler Assembly With Gauge (250 PSI Rated)
2	Stainless Steel Lubricant Flow Control Valve (7,000 PSI Rated) <ul style="list-style-type: none"> ▪ One Additional Valve In Reserve
1	10 ft./3 m. (2,500 PSI Rated) Lubricant Supply Hose <ul style="list-style-type: none"> ▪ Custom Lengths Available Upon Request
1	Duo-Lube Hose Assembly For Two Sided Lubricant Feed (2,500 PSI Rated) <ul style="list-style-type: none"> ▪ 4 Individual Lubricant Feed Nozzles (5,000 PSI Rated)
1	Pail of Environmentally Safe Dynagard Blue Wire Rope Lubricant <ul style="list-style-type: none"> ▪ 92,000 PPM Bio-Aquatic LC50 Rating at 90 Days
1	Heavy Duty Storage Case (Military & Law Enforcement Approved)



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