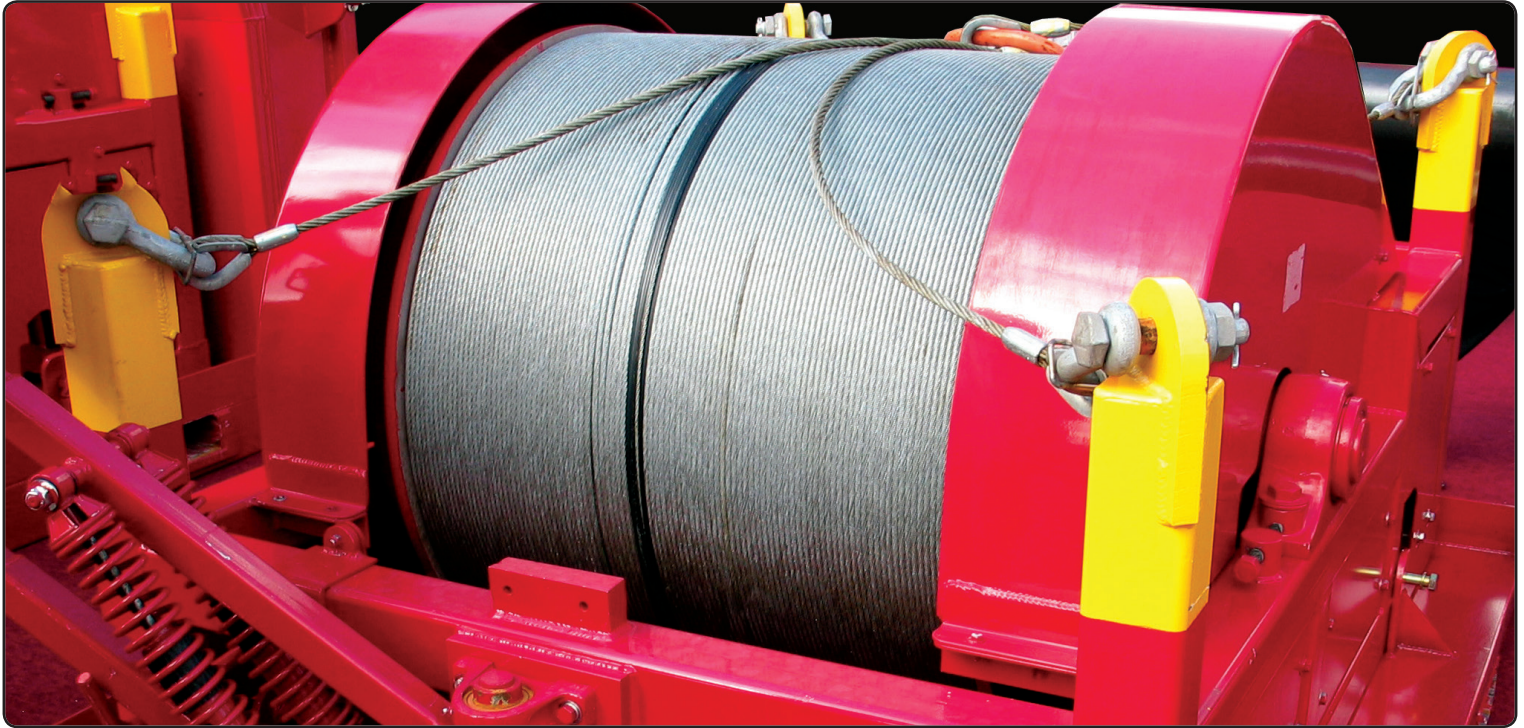


# WIRELINER

OIL CENTER RESEARCH INTERNATIONAL, L.L.C.



Wireline operations are subject to some of the most corrosive environments known to the oilfield. Oil Center Research offers an extensive line of products to the wireline industry for lubrication, sealing, corrosion protection and clean-up operations. *Liquid-O-Ring*® Wireline Grease Seals used with injection control head units not only affect a seal around the cable, but also provide the necessary lubrication and corrosion inhibition to minimize wear which increases cable and flow tube life. *Liquid-O-Ring*® Line Spray completes the package by providing lubrication and protection from rust and corrosion between trips and during periods of extended storage.

The *Liquid-O-Ring*® line of wireline products is continuously updated to meet the demands of the industry. Biodegradable wireline

lubricant and wireline spray are now available from Oil Center Research. These products meet the environmental concerns of today's industry regulations and requirements.

Other products for use in wireline operations include precision manufactured lubricants and sealants for use on downhole tools and equipment. Oil Center Research cleaners and degreasers have been used successfully for removal of tough deposits and heavy film contaminants on equipment, tools, vehicles and wireline units.

Through extensive field use and evaluation, these products have evolved into the most complete state-of-the-art package offered for protection of your wireline tools and equipment. *Liquid-O-Ring*® Wireline products provide the answers to your lubrication, cleaning and protection needs during all phases of wireline operations.

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**Oil Center Research International, L.L.C.**  
is a team committed to quality service  
and products in an ecologically balanced  
global marketplace.

## Wireline Grease Sealants

### 765A, 765D, 765G Arctic Grade

*Liquid-O-Ring*® “Grease Seal” contains the necessary corrosion inhibitors to provide long-range protection to the wireline. *Liquid-O-Ring*® “Grease Seal” inhibits the corrosive effects of acids, caustics, saltwater, and H<sub>2</sub>S.

### 766

Grease Seal 766 is a CO<sub>2</sub>-resistant wireline grease seal specially formulated to protect wireline cable from the corrosive effects associated with carbon dioxide (CO<sub>2</sub>) operations.

### 770, 774, 776, 778, 779

Designed for high pressure operations, *Liquid-O-Ring*® Wireline Lubricants and Sealants injected through a control head unit affect a seal, reduce friction, and provide protection against corrosion during wireline operations. Grease Seal prevents well site contamination as its adhesive properties are ideal for minimizing drip and spatter. Grease Seal contains inhibitors to reduce the corrosive effects of salt water, acids, caustics, and hydrogen sulfide (H<sub>2</sub>S).

### 770/4I, 774/4I, 776/4I

Designed for high pressure operations, *Liquid-O-Ring*® Wireline Lubricants and Sealants offer maximum protection by providing an enhanced inhibitor package for applications where a high percentage of H<sub>2</sub>S is present prior to using stainless steel wireline.

### 780

Grease Seal 780 is an excellent biodegradable wireline lubricant and sealant that improves the performance of a seal by reducing friction and providing protection against corrosion during wireline operations.

## Wireline Sprays

### 772, 782

Designed to be used with spray equipment mounted on many wireline units. *Liquid-O-Ring*® Line Spray is generally applied to the wireline when spooling. It provides protection between trips and during periods of storage. Line Spray penetrates to the inner core of the braided wireline assuring a complete shield against corrosive environments including salt water, acids, caustics, and H<sub>2</sub>S. Good lubrication is also provided helping to reduce wear caused by continuous use. Line Spray is an economical investment engineered to extend the service life of wireline cables. Biodegradable Wireline Spray 782 meets the environmental concerns of today's industry.

## Premium Lubricants & Sealants

### 101EU

101EU Film Forming Lubricant is a premium quality, highly concentrated lubricant that resists the corrosive effects of downhole chemicals. 101EU is made with LIQUILON® which enhances the lubricity and extreme pressure properties. LIQUILON® is unaffected by acids, caustics, downhole chemicals, and hydrocarbons including gasoline and solvents. 101EU is inert and thermally stable. The film forming properties of 101EU eliminate wear, guard against rust and corrosion, and prevents metal-to-metal contact thereby significantly reducing operating temperature.

### 400

Polymer 400 is an excellent multipurpose, water repellent grease, used where washout resistance is critical to the operation. Because of its excellent stability and EP characteristics, Polymer 400 remains on the bearing surface longer, extends lubrication intervals and prolongs bearing life. Polymer 400 fulfills complete lubrication grease requirements and is available in NLGI grades 0, 1, 2 and 3.

### 404EU

All-purpose Lubricant And Sealant—Lubon 404EU is manufactured to provide the best lubrication available. 404EU is recommended for equipment operating over extended periods of time or where shutdowns are prohibited. 404EU is designed for use on thread connections 2 inches or smaller.

## Silicone Fluids/Greases

### 974

974 Long Life, most commonly used in wireline operation, is a premium silicone fluid that is inert, and odorless. 974 Long Life exhibits much smaller viscosity-temperature changes than organic hydrocarbon fluids. 974 Long Life is chemically inert, non-corrosive, and non-staining to most common materials. It exhibits excellent thermal and oxidation stability when exposed to high temperatures for long periods of time. 974 Long Life is available in 50, 100, 200, 350, 500, 1,000, 5,000, 10,000, and 12,500 viscosities.

### NC111

NC111 Silicone Non-conductive Grease is a high viscosity, silicone-based grease that is used where non-conductive performance is required. It is thermally stable, chemically inert, and will not affect rubber or plastics. It is resistant to numerous organic and inorganic chemicals, including H<sub>2</sub>S, CO<sub>2</sub>, moisture and oxidation. This odorless grease is non-toxic, non-melting and does not dry out during service.

## Cleaners & Degreasers

### 1091

1091 Mean & Green is a superior, heavy-duty liquid cleaner. Designed for a multitude of tough industrial cleaning jobs, this biodegradable, USDA and Coast Guard approved cleaner attacks greasy, grimy surfaces allowing the dirt to be easily washed away without streaks and discolorations. It is recommended for the cleaning of grease injector equipment, including grease control heads, cable lubricators, and injection pumps. 1091 contains no toxic solvents, free alkalies, acids, or abrasives. It does not contain Butyl Cellosolve. When properly diluted, 1091 is effective in cleaning wireline units.

### 9175

Thread Cleaner is designed for removal of oil-based muds and all types of greases from the threads of equipment associated with drilling equipment, platforms and bilge-cleaning operations. 9175 is a liquid rig washing compound and heavy-duty degreaser. It is biodegradable and water soluble. 9175's highly alkaline ingredients aid in the effective removal of heavy soils, mildew stains and industrial oils and greases.

### 9652

9652 Citrus Power, a powerful, environmentally acceptable degreaser, is 10% water soluble. It's uses are endless. 9652 degreases concrete floors, trucks, and equipment. It also cleans heavy oil deposits from metal surfaces.