



Since 1958, Oil Center Research International, L.L.C. has supplied over 1,000 products to various industries worldwide. Valve Guardian®, a new line from Oil Center Research International, L.L.C., was created to simplify choices for Original Equipment Manufacturers and valve maintenance companies by offering a comprehensive product line designed specifically for the diverse needs of the valve industry. Valve Guardian® products extend the life of your investment by providing superior protection through research and innovation.

Most recently, Valve Guardian® introduced FracJack®, an industry first, designed exclusively for protection against fracking operations that involve multi-stage greasing and abusive pumping applications. FracJack® products are engineered to withstand the pressures and temperatures that frac valves endure. Customers include valve manufacturers, valve maintenance companies, rebuild shops and fracking operations.

For more information, please e-mail inquiries to info@oilcenter.com.

FIELD EXPERIENCE

KNOWLEDGE

QUALITY



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- FRAC
- FLUSH
- ARCTIC
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- SEALANTS
- CLEANERS
- ASSEMBLY
- STICK PACKING
- BALL VALVE LUBRICANTS
- GATE VALVE LUBRICANTS
- PLUG VALVE LUBRICANTS

ARCTIC GRADE VALVE LUBRICANTS

187 Synthetic Arctic Valve Lubricant with Moly—187 is a multipurpose, arctic grade, synthetic grease formulated with moly to meet the demands of heavy duty equipment under extreme conditions including excessive pressure, extreme temperatures, high shock loading and moisture.

189 Spin Easy—189 is designed for use on gate valves and plug valves in arctic conditions. 189 Spin Easy is a blend of synthetic oils and other ingredients to provide lubrication and protection to valves under demanding arctic conditions.

610B Valve Arctic Seal—610B is an excellent cold weather valve lubricant and sealant made with LIQUILON®, a solid film lubricant that plates metal surfaces and provides the low friction that protects against corrosion. 610B Valve Arctic Seal offers top performance in extremely cold conditions.

622 Synthetic Arctic Grade Lubricant & Sealant—622 reduces friction during arctic and arctic-like operation of valves. The wide temperature range offers a variety of uses and applications. 622 adheres to metal assuring protection against rust and corrosion.

BODY FILLS

1610 Valve Guardian Premium—1610 is primarily for use as valve body fill grease for gate valves and frac valves. It is highly water resistant and is made with micro-grade molybdenum disulfide powder to provide lubrication to the valve components. The 12 hydroxy lithium base thickener provides a drop point of 375°F (191°C) from the highly resistant grease base.

1620 Valve Guardian Extreme—1620 is a high temperature, corrosion resistant valve body lubricant that is used in valves in storage, transport or valves in service where petroleum lubricants are acceptable. The premium lithium complex grease base is highly water resistant and will provide a durable film to internal valve parts.

1640 Valve Guardian Core—1640 is a high temperature, lithium-based body fill grease. 1640 contains extreme pressure additives, corrosion inhibitors and moly disulfide which will provide lubrication and protection to valve components during storage and operation.

CLEANERS/FLUSHES

613 Valve Cleaner—613 combines penetrant and valve cleaner designed for stuck or difficult-to-operate valves. 613 removes residual gum, lacquer and rust deposits left by valve lubricants that cause valves to become inoperative.

VC51 Valve Cleaner Liquid—VC51 is an excellent non-flammable, liquid valve cleaner that effectively dissolves hydrocarbon deposits. VC51 does not contain any dangerous chlorinated solvents.

VG52 Valve Gel Solvent—VG52 is an excellent cleaner provided in a gel-form for stuck or difficult-to-operate valves.

STEM PACKING

636G Self-Mold® Stick Packing—636G is a clean, odorless, pliable packing used to seal stuffing boxes. Made with LIQUILON®, it repairs scored and pitted shafts and reduces wear. It services temperatures from 0°F to >400°F (-18°C to >204°C) and pressures to 10,000 psi.

686 Self Form Packing—686 is a synthetic stick packing made with LIQUILON®. It services temperatures from 0°F to 400°F (-18°C to 204°C) and pressures to 10,000 psi. 686 Self Form Packing is unaffected by most acids, oils, caustics and common solvents.

VALVE LUBRICANTS

21 Blackjack Valve Lubricant & Sealant with Moly—21 is waterproof and non-hardening and is formulated with molybdenum disulfide and graphite to reduce friction servicing temperatures to >450°F (>232°C). It is resistant to H₂S, crude oil, brine, drilling muds and water.

600/1 Valve Life—600/1 minimizes friction during the operation or storage of valves. It is waterproof and non-hardening.

600/3 Valve Last—600/3 is a high temperature, synthetic valve lubricant and sealant made with graphite. 600/3 resists washout from hot oil, hydrocarbons, asphalt and solvents.

607L CO₂ Resistant—607L is a 100% synthetic lubricant and sealant with LIQUILON®. It is designed for use in harsh environments including CO₂.

619 Grease Sealant—619 is manufactured with synthetic resins, graphite and LIQUILON® to provide maximum resistance to hydrogen sulfide and hydrocarbon fluids. 619 Grease Sealant services temperatures up to >450°F (>232°C). It is waterproof, corrosion resistant and provides excellent sealing capabilities.

632 Valve Restore—632 does not contain molybdenum disulfide, PTFE chips or other fillers. 632 seals severe, worn valves and protects new valves from corrosion and failure, thus adding life to the valves.

1652 Guardian CoreGuard—1652 is a lubricant and sealant for gate, ball and plug valves exposed to CO₂ and H₂S. It is also oil and gasoline resistant and has excellent resistance to fresh and salt water, gasoline, aviation fuel, lubricating oils and many downhole chemicals and frac fluids. 1652 Guardian CoreGuard services temperatures from 0°F to >500°F (-18°C to >260°C).

1654 Guardian Plus—1654 is a CO₂ and H₂S resistant lubricant and sealant that provides superb lubrication and sealing to valves exposed to harsh environments. It is insoluble in water, oilfield brine and hydrochloric acid. 1654 is non-separating, will not absorb moisture and has excellent leak-resistance. 1654 services temperatures from -30°F to >550°F (-34°C to >288°C).

EMERGENCY SEALANTS

603HV Biodegradable, Synthetic—603HV is a biodegradable, high viscosity, semi-synthetic plug valve lubricant and sealant with LIQUILON® used for emergency and heavy-duty applications. 603HV prevents scoring and galling on precision valve surfaces and will not dissolve when applied in the presence of aliphatic hydrocarbons.

635 Hi-Tech Synthetic Lubricant & Sealant—635 is an emergency sealant that is waterproof, non-hardening, and contains anti-wear additives. It is for use where “peanut butter” type sealants are not desired.

635M Hi-Tech Synthetic with Moly—635M is an emergency sealant with molybdenum disulfide. It is an excellent geothermal valve lubricant and emergency sealant for high temperature applications.

643 Synthetic, High Viscosity—643 is a biodegradable, synthetic, high viscosity plug valve lubricant and sealant for emergency and heavy-duty applications with the addition of LIQUILON®.

665 Super Seal—665 is a synthetic emergency sealant that contains a unique combination of synthetic oils and proprietary ingredients that ease valve operation under conditions of high temperature, condensates and natural gas. Seals worn valves.

