



## Innovative Solutions for the Oil and gas Industry

**DuxaTech**, a subsidiary company of the **Duxaoil USA** and **Duralitte Group**, was founded in 2018 offering innovative technologies for oil and gas industry.

As main target, **DuxaTech** propose not only provide high value prodducts and services, if not to be a strategic partner for your business, looking for technologies related to different stage of the well construction and production, according to your need and requirement.

From its headquarters in **Houston**, **DuxaTech** supplies to the regions of Caribbean, Central and South America.

As part of his commercial strategy, **DuxaTech** established an alliance with **Endurance Lift Solutions (USA)** and **Exceed (China)** for distribution of different products related to the well production and optimization.

In company with **Duxaoil**, **DuxaTech** offers the product lines of its industrial plants **Duralitte Argentina** and **Duralitte Brazil** and its commercial partners: **Gagemaker**, **PMC Lonestar**, **McCoy**, **Windlass Eng** and **Oteco**, that allow them to offer products of quality recognized around the world.

**DuxaTech** and its associated companies are guaranteed by quality certifications that allow them to offer the more reliable and quality recognized line of products.

## Soluciones innovadoras para la industria del petróleo y gas

**DuxaTech**, es una compañía subsidiaria de **Duxaoil USA** y miembro del **Grupo Duralitte**, fundada en 2018, con el propósito de ofrecer soluciones innovadoras para el mercado del petróleo y gas.

El principal objetivo, de **DuxaTech** además de proporcionar productos y servicios de alta calidad, es convertirse en socio estratégico de sus clientes, proponiendo soluciones tecnológicas para las diferentes etapas de la construcción y producción de pozo, acordes a sus necesidades y requerimientos.

Desde su sede en **Houston**, **DuxaTech** abastece a las regiones del Caribe, Sudamérica y Centroamérica.

Como parte de su estrategia comercial, **DuxaTech** estableció una alianza con **Endurance Lift Solutions (USA)** y **Exceed (China)** para distribuir productos relacionados con la producción y optimización de pozos.

Junto con **Duxaoil**, **DuxaTech** ofrece la línea de productos de sus plantas industriales, **Duralitte Argentina** y **Duralitte Brasil** y sus socios comerciales: **Gagemaker**, **PMC Lonestar**, **McCoy**, **Windlass Eng** y **Oteco**, lo que le permite proporcionar productos de calidad reconocida a nivel mundial.

**DuxaTech** y sus compañías asociadas garantizan la fiabilidad de sus productos a través de las más estrictas certificaciones de calidad.

## Duxatech's Commercial Partners



## Artificial Lift & Well Production **MagnoDrive** **PMM Top Drive for PCPs**



### **Significant OPEX Reduction:**

- No Gearbox, Belt or Sheave changes through full operating speed range.
- Significantly reduced electric power consumption (10%-20%).
- Virtually eliminates motor maintenance and downtime.
- Only maintenance an annual change of thrust bearing oil.
- Lifecycle over 10 years.
- Environmentally friendly with reduced energy consumption.
- Can be configured for extremely quiet operation.

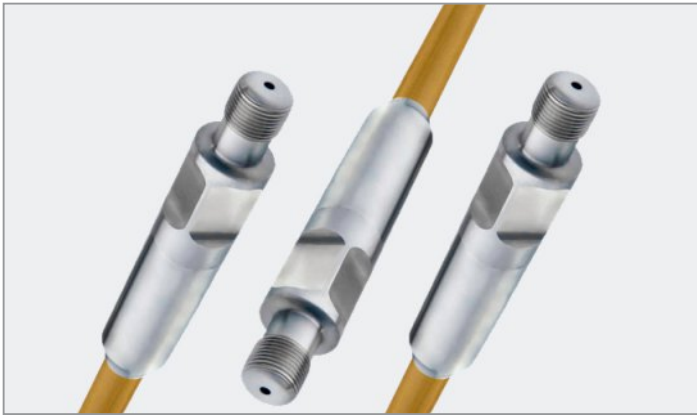
### **Enhanced Production Potential:**

- Reduced downtime and lost production with reduced preventive and reactive maintenance
- In fields with electrical capacity constraints, can deliver additional power within the same electrical power envelope

### **Features**

- Enhanced safety with Fail-safe Electronic Resistance Brake
- Concentric structure enables Safer Installation and Workovers
- Maximum Rated Torque available through entire operating speed range
- Low Noise – 68 db at 3 meters
- Compatible for use with multiple VFDs including ABB, Unico, Yaskawa, and Schneider VFDs
- Enhanced Remote Monitoring and Control

## Artificial Lift & Well Production **Fiberglass Sucker Rods**



### **Series 300 Fiberglass Sucker Rods** Highest Strength Fiberglass Sucker Rods on the Market

*Endurance Lift Solutions Series 300 Fiberglass Sucker Rods ("FSR") meet tomorrow's rod lift requirements for heavy load applications, severe corrosion environments, and are capable of increasing production without upsizing current surface equipment.*

#### **Features**

- Highest load handling capacity on the market. Working loads exceed competitors by 25% and one-time pull exceeds competitors by over 30%
- Increased oil production through custom string design
- Customers experience electricity savings of hundreds of dollars per month and a reduction in capital expenditures through decreased surface unit requirements
- Customers experience reduced LOEs through longer run-life and challenging deviated wells
- Available in sizes ranging from pony rods to 37.5' rod lengths and diameters of 3/4", 7/8", 1", and 1-1/4"
- 24-month warranty
- Operating temperatures up to 185°
- Corrosion resistant properties

## **High Temperature Fiberglass Sucker Rods**

*Endurance offers industry-leading Fiberglass Sucker Rods for High Temperature wells ("FSR-HT") to meet today's rod lift requirements for extremely harsh environments.*

*When down-hole temperature exceeds normal operating conditions, our High Temperature rods are manufactured to meet the challenge.*

#### **Features**

- Available in 37.5' rod lengths and diameters of 3/4", 7/8", 1", and 1-1/4"
- 24-month warranty
- Operating temperatures up to 285°

## Artificial Lift & Well Production **Standard API Pump Types**

*Endurance Lift Solutions* provides high quality  
**STANDARD API PUMP TYPES:**

### **Insert Bottom Hold Down Pumps: RWB, RXB, RHB RWB, RXB, and RHB**

- General purpose API pump.
- Number of available accessories to meet application needs. Balanced Pressure around the barrel overcomes the disadvantages of a top anchor pump.
- Fluid has only to pass through the anchor and standing valve to be in the producing chamber of the pump. The top anchor pump shares this advantage.

### **API Traveling Barrel Bottom Hold Down: RWT**

- The top anchor (hold-down) eliminates sand settling between the pump barrel and tubing on the hold down preventing stripping jobs.
- The fluid is discharged just above the hold-down, keeping solids in suspension.
- The top anchor pump allows the standing valve to be submerged in the fluid being pumped. This allows the fluid level to be pumped down below the seating nipple.
- The pump barrel can act as a gas anchor in gassy installations.



### **API Insert Top Hold Down Pumps: RWA, RHA**

- The top anchor (hold-down) eliminates sand settling between the pump barrel and tubing on the hold down preventing stripping jobs.
- The top anchor pump allows the standing valve to be submerged in the fluid being pumped. This allows the fluid level to be pumped down below the seating nipple.
- The pump barrel can act as a gas anchor in gassy installations.

### **API Bottom Hold Down Tubing Pump: THB**

- Bore size 0.250 inches smaller than the normal tubing I.D.
- Produces greater volume of fluid than insert rod pumps due to the large bore size
- Large fluid flow areas through the standing and traveling valves are good for producing heavy, viscous liquid.
- Heavy wall barrel connects directly to the tubing string.
- Sucker rod string connects directly to the top plunger cage of the plunger assembly.



## Artificial Lift & Well Production **Plunger Lift**

At **Endurance Plunger Lift**, we pride ourselves on delivering high quality, dependable service, both in the field and in manufacturing. Because we design, build and inventory our own plunger lift systems, we can respond quickly to customer needs whether you require new systems or replacement parts.

Our in-house engineering team ensures that we are constantly innovating plunger lift systems and associated product lines so our customers get the latest and greatest plunger lift technology.



Our comprehensive quality and inspection program offers full material traceability, ISO 9001 compliant procedures and processes, and testing/certification to API standards.



### **Conventional Plungers**

Conventional plungers are the right fit for a variety of well types.

Styles of conventional plungers that **Endurance Plunger Lift** offers include bar stock, padded plungers and brush plungers. Well factors to consider in choosing the best conventional plunger for your application include the expected fluid load, the condition of the well tubing, and whether the well produces any solids, such as sand or paraffin.

These utility-type plungers are designed to provide trouble-free operation, long plunger life and reliable well performance under a wide range of operating conditions. ensures that we are constantly innovating plunger lift systems and associated product lines so our customers get the latest and greatest plunger lift technology.



### **Motor Valves & Components**

**Endurance Plunger Lift – WESTERN MOTOR VALVE-** FlyerPlunger lift systems commonly depend on

pneumatically actuated motor valves to facilitate well shut in and flow cycles. **Endurance Plunger Lift Products** offers a complete line of best-in-class, proprietary motor valves to serve all your plunger lift system needs.

We offer two distinct styles of motor valves to address both low- and high-pressure applications. For most low pressure applications, we recommend the MFC-Z motor line of valves. For high pressure applications, up to 5,000 psi, we recommend our Western Motor Valve line.



### **By Pass Plungers**

*By-Pass flow plungers can fall against the natural flow of the well or can be operated with minimal shut in time (generally less than 10 minutes). A bypass plunger system can improve your well's production by allowing increased or continuous well operation while eliminating liquid loading.*

*The system is designed to fall against the natural flow of the well allowing the plunger to make more cycles per day than conventional plungers. This improves the ability of the plunger to remove fluid from the tubing, and lowers that build-up of fluid slugs that can accumulate at the end of the tubing string. As a result, the system is dependent on critical flow rates vs. build-up pressure to maximize performance.*



### **Lubricators**

*Our Regular Lubricator is available with a built-in flow outlet and needle valve only, or with a built-in flow outlet, needle valve, sensor, and plunger trap. In addition, it is available in 2 in. NPT or EUE threads.*

*Our XL Lubricator comes in many application-specific designs with differing layouts and options. XL Lubricators are also available for sour service (H<sub>2</sub>S), cold weather and be either threaded or flanged. Our High Pressure lubricators typically employ R-24 flanges with welds that can be mag particle tested or x-ray certified to ensure quality and bring peace-of-mind. A Bowen cap design is optional.*



### **Down Hole Springs**

***Endurance** Plunger Lift sub-surface or 'down hole' springs are used to absorb the impact of a falling plunger, preventing damage to the seating device.*

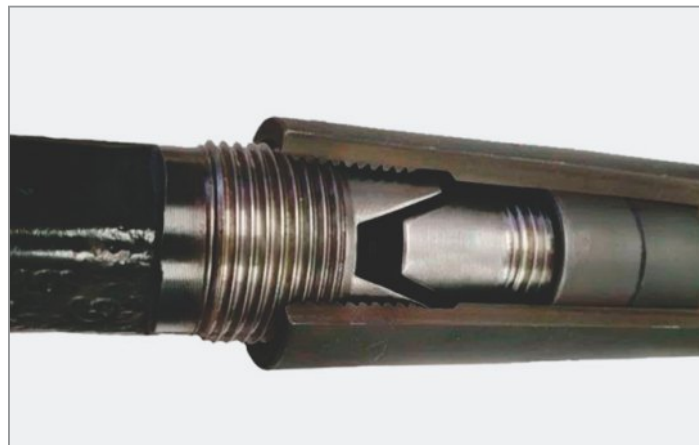
*The sub-surface springs are made in a modular form to allow for changes of the bottom assemblies at the end of the tubing. The modular spring assembly is retrievable and supported by a sliding sleeve in the spring to protect it from damage during removal.*

## Artificial Lift & Well Production **PC Pump Sucker Rod**

### **PC Pump Sucker Rod Dove Tail Connection**

*Exceed through Duxatech offers a variety of innovative and advanced styles of sucker rod products that provide superior performance, even in the toughest downhole conditions. Exceed's pin and coupling threads are rolled and cold-forged for superior strength, and are either phosphated or copper-coated to avoid thread galling issues.*

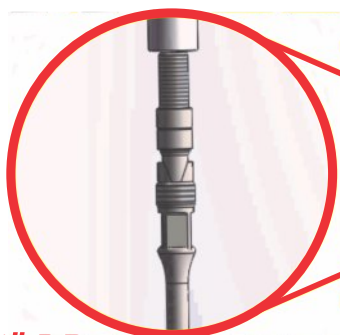
*For progressive cavity pump (PCP) applications, Exceed provides the industry-recognized modified pin connection for all of our rod product lines. This downsized long pin connection provides higher torque transfer, less flow*



*flow restriction, and longer fatigue life. Duxatech also offers our patented dove-tail type of connection in our EHT category for transferring a higher torque with a downsized rod body to overcome slip/backspin issues.*

### **Special Connection**

- Dove-tail keyed rod body lock together
- Torque on rod body, not coupling thread
- Coupling holds rods together only



### **7/8" EHT replace 1" DR**

*When adopting EHT, customer often replace existing 1" rod with 7/8" EHT for reduced load and higher operating efficiency.*

### **20-30% Higher Torque**

Rod Size	Maximum Torque (lb x ft)
7/8"	1300
1"	1550
1 1/8"	3000



### **Case Hardend Body**

- 10% martensitized surface layer
- Higher torque
- Anti-plastic deformation, shear resisting









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