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A Pump is Only as Good as the Sum of it's Parts

Leachate Pump Motors

The demands presented by landfill leachate require special consideration when selecting pumps that deliver on both performance and longevity.

And although there are water well pumps that can last for years, they are not suitable for extensive use in landfills.

EPG uses environmental motors for our SurePump™ line of landfill pumps. These pumps are fortified with materials more suited for the harsh conditions of a leachate extraction system.

Of course these motors cost a little more than a standard water well motor so be certain you're getting what you pay for!



EPG SurePump™ landfill pumps are powered by environmental motors.

According to some manufacturers, in the case of the environmental motors, Nitrile rubber parts used in their water well motor designs are replaced with parts made of Viton™. Studies identify several advantages of one material over the other and should be considered when choosing the correct motor for a given application.

"Nitrile rubber is resistant to petroleum oils, aliphatic hydrocarbon, hydraulic fluids, and water."

"Viton™ can resist harsh chemicals that could affect and damage a Nitrile seal. Viton is resistant to acids, oils, gasses, silicon fluids, aromatic gasses, and halogenated hydrocarbons."

Source: <https://www.electricsolenoidvalves.com/blog/nbr-vs-viton-seals/>

Multi-Stage Pump Ends

A "Best in Class" pump motor deserves a "Best in Class" pump end. EPG SurePump™ landfill pumps feature stainless steel construction and E-Glide™ seals and bearings for extended service in both vertical, and most importantly, horizontal applications.

These are just a few the reasons they are the most recommended and relied upon submersible pumps in the landfill industry.



The EPG SurePump™ shines thanks to multi-stage pump ends featuring superior proprietary materials.

** E-Glide™ seals and bearings are a proprietary engineered heat and wear resistant material. Factory and field testing has shown that the E-Glide bearings outlast Teflon** and rubber bearings 4 to 1.*

*** Teflon is a registered trademark of DuPont.*



The SurePump Wheeled Sump Drainer is protected by U.S. patent #4,966,534 and #4,992,030. Additional patents pending.

Give us a call at **1-800-443-7426** or email us at info@epgco.com for more information about selecting the right leachate pump for your landfill.

Upcoming Events

*This list includes EPG and Sales Representative events.
This information is subject to change.*

Mar 14 ESD/MWRA Solid Waste Tech. Conf.
East Lansing, MI (EPG Exhibiting)

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Mar 15 LSWA 2023 Environmental Conference
Lafayette, LA (The Reich Co Exhibiting)

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May 10-12 Tennessee Show of the South
Chattanooga, TN (The Reich Co Exhibiting)

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May 21-24 Federation of NY Solid Waste Conf. & Show
Bolton Landing - Lake George, NY (Lee Supply Exhibiting)

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Jun 12-14 TxSWANA Annual Conference
Corpus Christi, TX (The Reich Co Exhibiting)

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Jul 9-11 MWCC Environmental Conference
Osage Beach, MO (The Reich Co Exhibiting)

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Aug 21-23 WSWRA 2023 Annual Conference
Evanston, WY (The Reich Co Exhibiting)

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Sep 19-21 Kansas SWANA Conference
Wichita, KS (The Reich Co Exhibiting)