

PROACTIVE MAINTENANCE PLUS



Dirty Engine

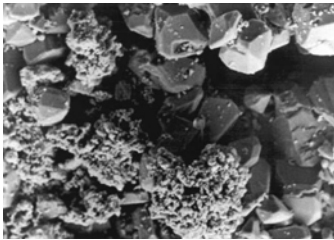
Clean Engine

“The comparison is simple: Never changing the oil in your car leads to engine failure, and the cost of a new engine. Not taking advantage of battery desulfation technology leads to declining daily performance and battery failure”

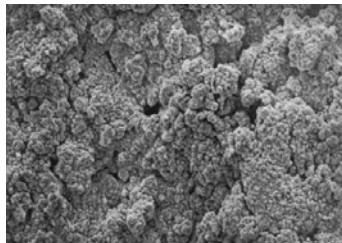
- Modern Battery Solutions

Preserve your investment in lead acid batteries

When you desulfate your batteries, you are improving the daily performance of the battery and extending its useful life



“Dirty” cell plate: note the sulfate crystals that choke the flow of electricity



“Clean” cell plate: note the absence of crystals. Sponge-like lead promotes strong battery performance

“Evidence is overwhelming that sulfation is the root cause of over 80% of battery failures”

- Battery Performance Research Institute

Battery Basics:

- Each 2 volt cell consists of a sponge lead plate (+) and a lead dioxide paste plate (-), plus sulfuric acid
- Lead sulfates are a natural product of the chemical reaction that creates electricity
- Lead sulfates accumulate on the plates due to many factors: incomplete charging, infrequent use, charger inefficiencies, acid stratification, excessive discharging
- Over time, WITHOUT EXCEPTION, sulfation reduces the performance and life of every lead-acid battery



HOW DOES IT WORK?

Our machine uses Pulse Width Modulation to:

- Induce a resonant frequency within the battery’s internal lead plates
- Safely dissolves the harmful sulfate build-ups and return them to solution within the electrolyte
- Produce immediate increases in specific gravity and voltage, while lowering impedance and increasing the performance of the battery
- Desulfate your batteries IN YOUR FACILITY in about one hour per battery

Battery

Life

Extension

Call us for a courtesy battery evaluation:

Green Pulse Technologies, LLC

Chagrin Falls, OH 44022

440-799-3337

bob.rowland@greenpulsellc.com

Call John Jordan at Neon to get the Special Introductory Price of \$200.00 per battery.



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P.O. Box 563 • Chagrin Falls, OH • 44022

Battery sulfation is the leading cause of battery failure, the removal of this sulfation will allow the battery to again transfer electricity efficiently in and out of the battery.

Green Pulse Technologies LLC offers a product and service that has the potential to extend most forklift batteries lives by 40% to 80% which would save your company thousands of dollars by reducing your need to purchase replacement batteries.
(See chart below to better estimate your companies potential savings.)

What is battery sulfation?

The act of transferring electrical energy from the electrolyte solution causes the sulfur ions to attach to the internal lead plates of the battery. These sulfur ions form a layer or coating, which prevents the efficient transfer of electricity in and out of the battery.

The solution to eliminate battery sulfation.

Green Pulse Technologies LLC represents an inventor that created a machine that uses "pulse width modulation" to de-sulfate the battery. This technology is based upon high amperage and low frequency pulses of direct current, which induce a resonance within the battery's internal lead plates or tubes. This resonant frequency then allows the lead plates or tubes to safely shed the harmful sulfate build-ups and return them to solution within the battery electrolyte, increasing the specific gravity and voltage, while lowering the impedance back to factory values and increasing the performance of the battery.

We would be interested in meeting with you and your staff to discuss the savings you should be able to generate from the use of our product. Additionally we would be glad to offer a free demonstration on a couple of your batteries.

Increased battery life as a percentage of original life generates the following savings:

Cost of Battery	Savings per battery						Desulphation Cost per Battery	
	40%	50%	60%	70%	80%	90%		
\$ 2,000	\$ 800	\$1,000	\$1,200	\$1,400	\$1,600	\$1,800	24-volt	\$225.00
\$ 3,000	\$1,200	\$1,500	\$1,800	\$2,100	\$2,400	\$2,700	36-volt	\$325.00
\$ 4,000	\$1,600	\$2,000	\$2,400	\$2,800	\$3,200	\$3,600	48-volt	\$425.00
\$ 5,000	\$2,000	\$2,500	\$3,000	\$3,500	\$4,000	\$4,500	80-volt	\$550.00
\$ 6,000	\$2,400	\$3,000	\$3,600	\$4,200	\$4,800	\$5,400		
\$ 7,000	\$2,800	\$3,500	\$4,200	\$4,900	\$5,600	\$6,300		
\$10,000	\$4,000	\$5,000	\$6,000	\$7,000	\$8,000	\$9,000		

Call John Jordan @ 216-587-0400 or e-mail to johnj@neonmaterialhandling.com for more information and to schedule a brief meeting to inspect your batteries and assess your potential savings.

9601 Granger Road Cleveland, OH 44125

Tele: 216-587-0400 Fax: 216-587-4669

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