



# BATTERY DE-SULFATER



## ADVANTAGES OF BATTERY DE-SULFATER

- Reduces battery failure
- Preserves new batteries
- Keeps PbO<sub>2</sub> spongy and soft
- Eradicates and reverses sulfation damage
- Increases power efficiency
- Lengthens battery life
- Limits internal heating
- Eliminates resistance by up to 50%
- Prevents damage from overcharging
- Restores mechanically sound sulfated batteries
- Non-Hazardous
- 100% Guaranteed

## How Battery De-Sulfater Works

Battery De-Sulfater is a non-acid chemical formula which breaks down deadly sulfation corrosion that has formed on plates and insulators and restores normal action in cells. The chemicals in Battery De-Sulfater are safe for all new and used lead acid batteries. It has an indefinite shelf-life and is unconditionally guaranteed to restore, improve and prolong the life of mechanically sound lead-acid batteries regardless of make, age, or size.

Lead acid batteries are basically small power plants that store chemical energy in clean plate materials. These lead acid batteries are chemically charged with pure sulfuric acid (about 35%) and pure distilled water (about 65%). This solution is called electrolyte which causes a chemical reaction that produces electrons. When you test a battery with a hydrometer you are measuring the amount of sulfuric acid in the electrolyte. If your reading is low, that means the chemistry that makes electrons is lacking. So where did the sulfur go? It is resting on the outside of the battery plates and when you recharge the battery this sulfur returns into the electrolyte.

Every year, countless batteries are discarded because they have become too sulfated to function. When a lead acid battery discharges, acid is absorbed into the lead plates which is returned to the electrolyte through recharging. If recharging does not occur properly, the lead sulfate will harden onto the plates forming a crust—known as sulfation—which prevents the acid from returning to the electrolyte during a charge.

Battery De-Sulfater is an electrolyte additive which will break up sulfation, allowing the acid to disperse from the lead plates back into the electrolyte. In this way, Battery De-Sulfater restores batteries to most or all of their original

charging capacity. It will preserve new batteries, greatly reduce battery failure, increase power efficiency, eliminate resistance by up to 50%, prevent damage from overcharging and will restore mechanically sound sulfated batteries regardless of make, age or size. There's nothing that works better, faster and easier than Battery De-Sulfater. And like Battery De-Mister®, Battery De-Sulfater is 100% guaranteed.

**Don't discard a sulfated battery, rejuvenate it. Bring your battery back to life with ThermOil® Battery De-Sulfater.**

This product is non-hazardous.



■ TO WATCH A SHORT 4-MINUTE VIDEO EXPLAINING HOW BATTERY DE-SULFATER WORKS, VISIT [WWW.THERMOIL.COM](http://WWW.THERMOIL.COM) AND CLICK "BATTERY DE-SULFATER".