

THE PROBLEM: Declining Performance and Short Battery Life in Lead Acid Forklift Batteries

From day one, the electrolyte in forklift batteries begins to crystallize and contaminate the battery plates in a process known as sulfation. As the buildup increases, the battery becomes weaker and the contaminated plates can no longer accept a full charge. Without intervention, performance steadily declines and battery plates become permanently damaged, leading to replacement at a cost of \$4000-6000+ per battery.

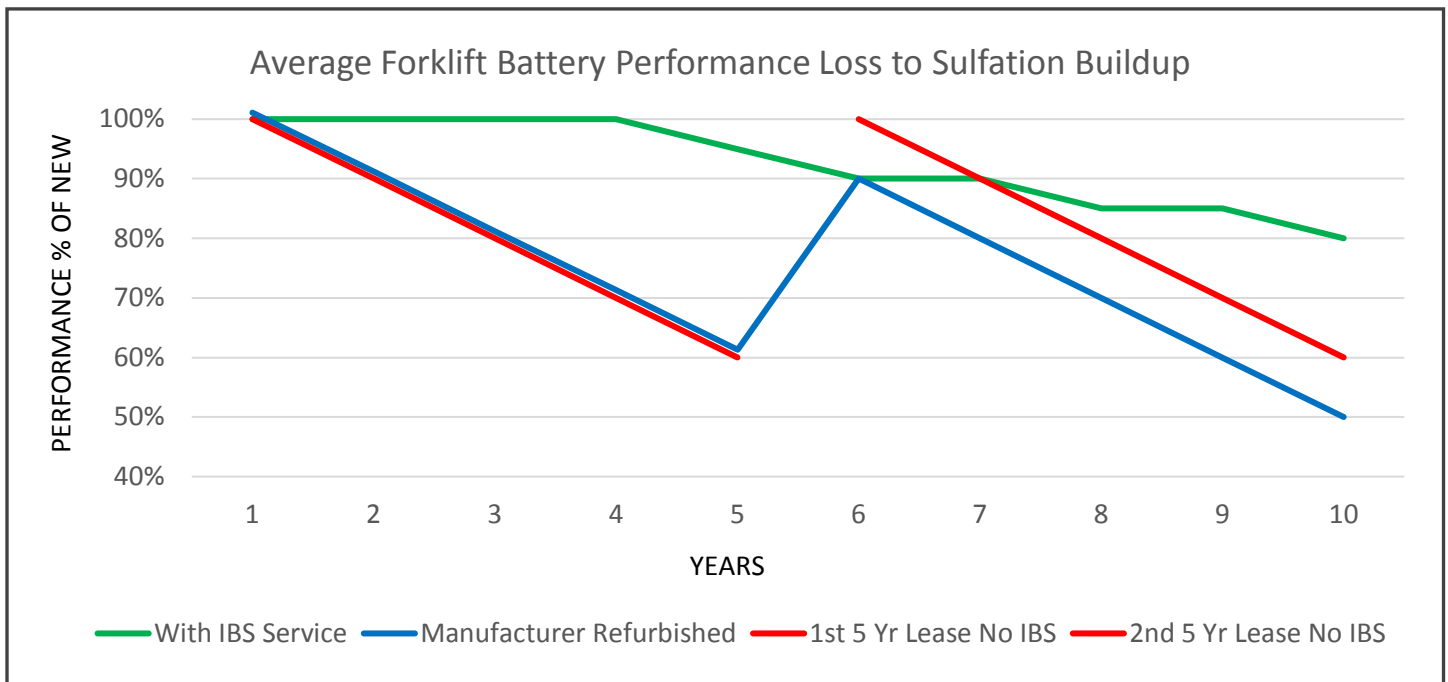
Batteries Designed to Last 10-12 Years Typically Lose 50-60% of their Performance in Half that Time.

THE SOLUTION: Recondition Forklift Batteries to Boost Performance and Extend Life

We have partnered with the experts at Industrial Battery Service to offer battery reconditioning service. Using a patented conditioning solution and specialized charging equipment, we recondition expensive forklift batteries to remove sulfation, restore performance and extend battery life up to double what is typical without conditioning.

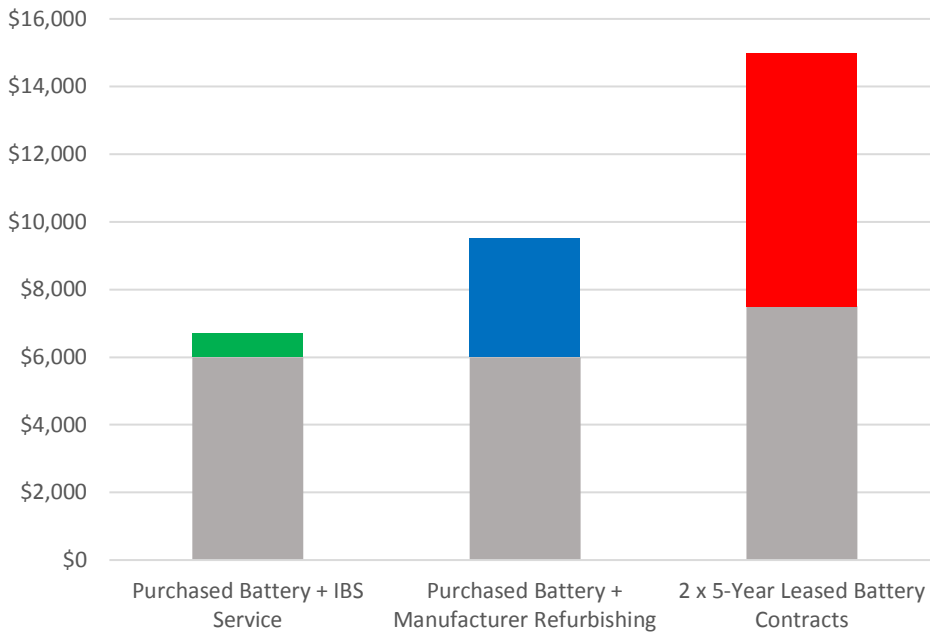
WHAT WE DO:

- **Complete On-Site Battery Assessment** of current battery condition and performance to identify units needing repair or reconditioning. Battery chargers are also inspected.
- **Service Documentation** - accurately track the age, condition and performance of batteries to identify batteries needing repair, reconditioning or replacement.
- **Battery Repair** - replacement of damaged cells is typically completed within a few days, not weeks. Some repairs can be done on-site.
- **Battery Reconditioning** with patented conditioning solution and specialized charging equipment that remove sulfation to restore battery performance *with minimal down time.*



Patented, Proven Solution ▪ Manufacturer Trained Technician ▪ Fully Insured

Forklift Battery Maintenance Cost Comparison



WITH IBS SERVICE:

- One-time IBS service
- 10-12 year average battery life
- Battery cost \$6000
- IBS Service \$ 890*
- Total Cost \$6890**

WITHOUT IBS SERVICE:

- Manufacturer refurbish at 6-7 yrs
- 8-10 year estimated battery life
- Battery cost \$6000
- Mfr Repair \$3500
- Total Cost \$9500**

LEASED BATTERIES:

- Two 5-year leases, \$125/month (provided by local leasing co.)
- Total Cost \$15,000**

**Does not include cost to repair/replace damaged cells or the electrical service setup for specialized charging equipment (not needed for all batteries).*



RESULT: Battery Cycle Time Increased 40-70%

CASE STUDY: Commercial Food Distribution Warehouse

- 70 battery powered forklifts used for 2-3 shifts per day
- Battery ages ranged from new to 8 years
- Declining performance, battery replacement cost over \$350,000
- Electrical shorts and cell damage caused by improper maintenance
- All batteries inspected, cleaned, reconditioned; 10 damaged cells replaced

WHY SHOULD YOU INVEST IN IBS BATTERY SERVICE?

- **Double the Life of Your Batteries** with our patented conditioning solution, charger and maintenance program.
- **Dramatically Reduce Battery Replacement Costs** by replacing batteries once every 10-12 years instead of every 5-6 years.
- **Increase Operator Productivity** with better performing forklifts that charge faster and have longer run cycles.
- **Decrease Maintenance Labor Costs** with reduced charging times and fewer repairs needed.
- **Decrease Energy Costs** with faster, more efficient charge cycles on IBS conditioned batteries.
- **Become More Eco-Friendly** – IBS conditioned batteries perform better and use less electricity to run.

Contact Us Today to Schedule Your No-Cost Battery Assessment

Industrial Battery Service

