

## Industrial Battery and Charger Maintenance



At TLM our in house battery and charger technicians insure that we can be your "Total-Source" material handling dealership. We focus on planned maintenance and repair of all fork-lift and industrial batteries.

Your investment in electric lift trucks and industrial batteries needs to be protected in order to maximize the benefits that they have to offer. Don't allow your batteries, and battery chargers to drag down the rewards that properly maintained equipment can help you realize.

Toyota-Lift of Minnesota is committed to being your "Total-Source" material handling provider by having technicians trained in battery and charger maintenance, testing, and repair. Rely on TLM for your complete material handling needs. We put action behind our words when we say we are a full service lift truck dealership.

*"Battery maintenance is often neglected. Don't discount the benefits available by ignoring your investment."*

## Planned Maintenance Details

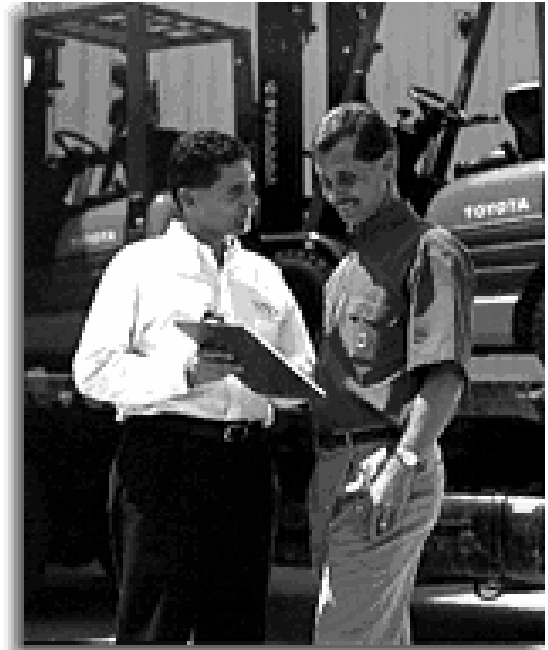
OUR COMMITMENT OF RESOURCES AND PERSONNEL TO INDUSTRIAL BATTERY AND CHARGER MAINTENANCE SETS US APART FROM OTHER LIFT TRUCK DEALERSHIPS. IT'S OUR COMMITMENT THAT GIVES YOU TOTAL CONTROL THROUGH A SINGLE VENDOR WHEN DEALING WITH YOUR UNIQUE MATERIAL HANDLING NEEDS.

### Battery Checklist

- Voltage check no load per cell
- Voltage check loaded cell
- Specific gravity
- Total voltage
- Cable inspection
- Intercell connector inspection
- Case/tray condition
- Water level
- Wash entire battery
- Check and clean vent caps and connector covers
- Condition of tar
- SB connectors and tips
- Pressure test cells for leaks
- Check for positive rise on cells
- Final inspection and clean work area
- Disposal of all hazardous materials

### Charger Checklist

- Output voltage and finish rates
- AMP gauge on charge output
- Frame condition
- SB connectors and tips
- Control board
- Fuses AC/DC
- Charger settings 118/208/440
- Capacitors
- Diodes
- Transformers
- Timers
- Relays



**OUR CSR STAFF WILL MAKE A DIFFERENCE**

- Knowledgeable about your unique needs
- Reachable at anytime by cellular phone
- Personally responsible for working directly with you

"Personal service is more than a catch phrase at TLM, it is what sets us apart, and insures you that you are getting what was promised."