

HELPFUL GUIDELINES FOR BATTERY MAINTENANCE

- ADD ONLY APPROVED WATER AND DO THIS OFTEN ENOUGH TO KEEP THE SEPARATOR GUARD (OR SPLASH COVERS) ALWAYS COVERED WITH ¼" OF LIQUID.
- DO NOT OVERFILL – ALLOW FOR LIQUID EXPANSION DURING CHARGE. TOO HIGH LIQUID LEVELS CAUSE OVERFLOWING RESULTING IN LOSS OF ELECTROLYTE AND POSSIBLE DAMAGE TO THE BATTERY.
- CHARGE BATTERY ONLY AS FREQUENTLY AS SERVICE DEMANDS. IF BATTERY IS CAPABLE OF DOING TWO DAYS WORK PER CHARGE, THEN CHARGE ON ALTERNATE DAYS – OVERCHARGING IS DAMAGING. THE FOLLOWING SPECIFIC GRAVITY READINGS WILL ASSIST YOU IN DETERMINING STATE OF CHARGE.

1.270 –1.280 FULLY CHARGED}
1.220 –1.230 HALF CHARGED} AT NORMAL ROOM TEMPERATURE
1.150 – 1.170 DISCHARGED} 70-80 DEGREES F.

CONTINUED OPERATION BELOW 1.170 S.G. IS NOT RECOMMENDED FOR A LONG AND ECONOMICAL BATTERY LIFE.

- DO NOT REMOVE VENT PLUGS DURING CHARGING.
- GIVE EQUALIZING CHARGE AFTER EVERY 5 – 6 CYCLES OF CHARGE AND DISCHARGE. (AFTER NORMAL CHARGE RE-SET TIME CLOCK AND CONTINUE ONE ADDITIONAL CHARGE CYCLE). DO NOT CHARGE IF CELL TEMPERATURES EXCEED 110 DEGREES F.
- KEEP CELL TOPS CLEAN AND DRY – SPONGE DOWN WITH A WEAK SOLUTION OF BAKING SODA AND WATER – OR RINSE OFF CELL TOPS BY SPRAYING WITH COLD WATER. VENT PLUGS MUST BE FIRMLY SECURED IN PLACE.
- PRECAUTIONS: KEEP OPEN FLAMES AWAY FROM BATTERY. AVOID SPARKS, NEVER ADD ACID TO CELLS WITHOUT SPECIAL INSTRUCTIONS.

RAYMOND HANDLING SOLUTIONS INC IS THE DISTRIBUTOR FOR BATTERY MANUFACTURERS APPROVED FOR USE WITH RAYMOND EQUIPMENT INCLUDING (but not limited to):



RAYMOND

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