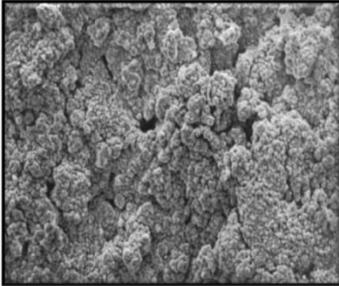




Quick Tips!

Plate sulfation: As batteries drain, a natural chemical process takes place inside the battery where sulfuric acid releases from the liquid electrolyte mixture and then forms as a solid on the lead plates. **This plate sulfation adds resistance** within the battery. Resistance affects the batteries ability to release energy (power for your equipment) AND accept energy during recharge. The good news is that as you re-charge your battery, **plate sulfation is reversed!** Keep your batteries fully charged to significantly prevent sulfation!!

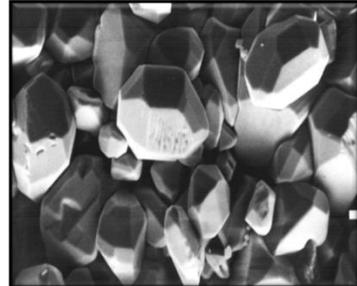
New plate



Partially sulfated plate

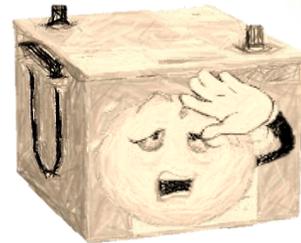


Deeply sulfated plate



Answer to question from last issue:

How does warm weather affect a battery? For every increase of 18° F, the battery self-discharge rate doubles! The standard 12-volt flooded battery self-discharges at about 3% capacity per month at 77° F (if left unused or if not placed on a "trickle" charger). The Hawker® Armasafe™ Plus 6TAGM battery self-discharges at a little less than 1% capacity under the same conditions. So...@ 95° F x 2, @ 113° F x 4, and at 131° F x 8!!! **Best bet:** Store your batteries in a ventilated area, check voltage and recharge more often, connect unused batteries to a trickle charger or simply use them routinely where they'll receive a charge via the vehicle's onboard generator/alternator.



Did you know: that the Hawker® Armasafe™ Plus is considered at a 100 percent state of charge when it's at 12.9 volts (open circuit voltage (OCV)) and a minimum of 1225 cold cranking amps (CCAs)?

Training:



Since the last issue, NM ARNG, ID ARNG, WY ARNG, OK ARNG, OH ARNG, MO ARNG, MCB 29 Palms, & MCB Camp Pendleton have gotten **battery smart...**and they are **saving batteries and \$\$\$!** Wanna get battery smart??? ...request free diagnostic, preventive maintenance, and corrective maintenance training from a Hawker® FSR.

Check out our website at: www.hawkeraplus.com

Call us at 877-485-1472

Connect with us on:



Next Issue:
Can I accurately test my Hawker® when its connected in series-parallel?

Questions?



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