



HAWKER®

Headlines

Winter 2012 edition

Quick Tips!

Mixing old and new batteries in the same battery pack can affect battery performance and battery life. For peak performance and maximum battery life, a simple guide is to ensure that all batteries within the battery pack were manufactured within the same year (or at least put into service within the same year). Here's why...as batteries age, lead plates can deteriorate and they can develop hardened sulfate crystals on them. These two factors affect a battery's ability to accept, store, and release energy. So, if you mix new batteries with old batteries you will most likely not get the full power you need. Additionally, older batteries will have higher resistance (due to plate sulfation) which will affect charging. By mixing old and new batteries, your battery pack will most likely fall out of balance and remain that way...thereby reducing battery pack performance and individual battery life.

Do you know:

that Hawker® makes a Group 31 battery that's used in many different types of military construction equipment and tactical trucks? It's called the MIL PC 2150 and it packs a minimum of 1150 CCAs and 205 minutes of reserve capacity...that's **225 more CCAs** and **25 more minutes** of reserve capacity than it's chief competitor!



Interested in another source of supply for your Group 31 needs...as well as the power and quality you expect from a Hawker® AGM battery? Good news...it's available via NSN 6140-01-520-7112.

Answer to question from last issue:

Why you shouldn't mix different battery types...or batteries from different manufacturers in the same battery pack:

By now, everyone knows not to mix 6TL with 6TMF batteries...or 6TMF batteries with 6TAGM batteries. But why? Although somewhat similar in basic materials...such as lead, sulfuric acid, distilled water, and plastic...they are not exactly alike in electrochemical designs or properties. In fact, **not all 6TAGMs are alike**...which is why we highly recommend that 6TAGMs from different manufacturers not be mixed in the same battery pack...in fact, it can void your warranty! Some batteries use lead-alloy plates (lead mixed with calcium or antimony, for example); but, Hawker plates are 99.99% pure lead. As such, 6TAGMs from different manufacturers may have different rates of charge and discharge...as well as shelf life. These differences may degrade individual battery performance and life. **Your safe bet**...do not mix different chemistry batteries or batteries from different manufacturers.

Training:

Attention: Logistics Assistance Reps, Supervisory Equipment Specialists, Maintenance Officers, Shop Chiefs, Mechanics, and HazMat personnel - **want to save money on man-hours and batteries?**

Here's how...request free diagnostic, preventive maintenance, and corrective maintenance training from a Hawker® FSR.



Next Issue:
How do I properly store my Hawker battery?

Questions?

Check out our website at: www.hawkeraplus.com
or call us at 877-485-1472



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