

## **DESCRIPTION:**

**Battery Reviver. Dissolves lead sulphate in lead acid type batteries. Restores extra life to old mechanically sound batteries, extends the life of new batteries.**

## **CHARACTERISTICS:**

Mainlube 225 chemically softens lead sulphation buildup in batteries allowing reversion to lead and acid during recharging. This increases the conductivity of both the electrolyte and the plates, restoring full capacity to old batteries and preventing sulphation in new batteries. Mainlube 225 will remain active throughout the battery life preventing future sulphation formation.

## **HOW A BATTERY WORKS:**

A lead acid battery consists of a housing or case made from an acid-resistant material such as plastic or rubber. Inside the housing there are a number of positive (+) plates, made from a lead-alloy grid frame, sandwiching a lead peroxide paste. The negative (-) plates are of similar construction, but sandwiching spongy metallic lead oxide.

The positive and negative plates are insulated from each other by a non-conductive separator plate and immersed in an electrolyte liquid consisting 30% sulphuric acid and 70% distilled water. In the discharge mode, the electrical current is generated by the acid in the electrolyte which then reacts with the lead oxide plates to form lead sulphate.

In the recharge mode the vehicle's alternator or generator breaks down the lead sulphate formed during discharge and reconverts it back to lead oxide and acid.

## **Battery Problems:**

*Although the Battery is a relatively simple device, there are many problems associated with its design that can lead to a complete breakdown if it is not maintained.*

Mainlube 225 will usually rejuvenate batteries that are still in service providing there is no mechanical fault (broken circuit). Mainlube 225 can be applied to old out-of-use batteries, however, the success rate will drop proportionately to the time out of service. If you have no improvement to your battery's performance after 2 weeks then a high amperage "fast charge" could assist in dissolving any persistent lead sulphation still impairing the batteries performance.

## **APPLICATION:**

See product label

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