# Análisis del electrolito del acumulador automotriz a diferentes temperaturas en condición de encendido [

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text (article)

Analítica

An automotive battery of the acid lead type is an element that generates an electromotive force capable of supplying energy to the entire electrical system of the vehicle. In this investigation, the behavior of the specific density of the electrolyte during the start-up condition of a heat engine is analyzed; the operating temperature gradient at which the battery can be exposed is also considered as a variable. According to the results, the electrolyte temperature is inversely proportional to its density in the cells of the accumulator during the start-up condition. It is concluded that external conditions, such as the temperature, can directly affect the density and electrical conditions of an accumulator, and can identify the behavior of these during the operation in a vehicle
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